



U.S. Department
of Homeland Security
**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District: 5

Week: 02/16

LOCAL NOTICE TO MARINERS

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

The Local Notice to Mariners contains all information relevant to the waterways within the Fifth Coast Guard District and is updated each Tuesday on the U.S. Coast Guard Navigation Center website at <http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=5> . If you have questions about the LNM, please contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (dpw)
431 Crawford Street, Portsmouth, Virginia 23704
Telephone (Day) : (757) 398-6552 or CGD5Waterways@uscg.mil

AIDS TO NAVIGATION DISCREPANCY REPORTING

To report any Aids to Navigation discrepancies (missing, damaged, extinguished lights, off station), shoaling or hazards to navigation, discrepancies to bridge lighting, please contact the following 24 hour numbers:

1. For PA, NJ, DE waters, coastal and tributaries contact COGARD SECTOR DELAWARE BAY at (215) 271-4940.
2. For MD, DE in the Upper Chesapeake Bay and tributaries contact COGARD SECTOR BALTIMORE at (410) 576-2525.
3. For VA in Lower Chesapeake Bay below Smith Point Light and tributaries and VA, MD Eastern Shore Bay and coastal contact COGARD SECTOR HAMPTON ROADS at (757) 483-8567.
4. For NC waters, coastal and tributaries contact COGARD SECTOR NORTH CAROLINA at (910) 343-3882.

REFERENCES

Light List: ATLANTIC COAST, VOLUME II, COMDTPUB P16502.2, 2016 Edition.
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2015 (48th) Edition.
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2015 (47th) Edition.
All bearings are in degrees TRUE - All times are in Local Time unless otherwise noted.

NAVIGATIONAL INTERNET SITES

Fifth Coast Guard District Prevention Division BLOGSPOT
<http://midatlantic.coastguard.dodlive.mil/>

2016 Light List/ Summary of Corrections.
<http://www.navcen.uscg.gov/index.php?pageName=lightListCorrections>

Bridges Public Notice Website.
<http://www.navcen.uscg.gov/?pageName=pnBridges>

NOAA Chart Corrections and Chart Viewer
<http://www.nauticalcharts.noaa.gov>

Coast Pilots, along with corrections are available at
<http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>

NOAA Chart Corrections applicable to any particular NOAA chart:
<http://ocsddata.ncd.noaa.gov/nm/resultList.asp?Chart=> (apply specific chart number i.e. Chart 11548)

D5 LNM on Internet/Archived Back Issues for 2013/2014
<http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=5>

Chesapeake Bay Weather Buoys
<http://www.cbos.org>
Tides on Line
<http://www.tidesonline.nos.noaa.gov/>
Tides, Currents, PORTS
<http://www.tidesandcurrents.noaa.gov/>
Coast Guard District 5

Weather
<http://www.weather.gov/>

U.S. Army Corps of Engineers Willimington District Survey Maps and Shoaling Surveys
<http://www.saw.usace.army.mil/Missions/Navigation/HydrographicSurveys.aspx>
U.S. Army Corps of Engineers Norfolk District Survey Maps and Shoaling Surveys
<http://gis.nao.usace.army.mil/ESDS/>
U.s. Army Corps of Engineers Philadelphia District Survey Maps and Shoaling Surveys
<http://www.nap.usace.army.mil/Missions/CivilWorks/Surveys/Projects.aspx>

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
FI - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MRASS - Marine Radio Activated Sound Signal
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
RRASS - Remote Radio Activated Sound Signal
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
USACE - Army Corps of Engineers
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

PRINTABLE DIGITAL FILES OF UP-TO-DATE NOAA NAUTICAL CHARTS

NOAA's Office of Coast Survey provides up-to-date digital files of the NOAA nautical charts for federal agencies to use in performing the nation's business. Agencies may download the files and plot them or have them plotted under agency control. Send an e-mail from an official government address with a .gov or .mil extension to NauticalCharts@NOAA.gov for details. NOTE: Use of these files is limited to federal government agencies. All other users of NOAA charting products should continue to receive them from their regular suppliers. See www.NauticalCharts.NOAA.gov for information.

LNM: 26/11

NOAA PRODUCTION OF LITHOGRAPHIC CHARTS

The Federal Aviation Administration (FAA), NOAA's authorized lithographic printer, announced that the traditional printing of NOAA paper

nautical charts will be discontinued effective April 13, 2014. In the interim time period, NOAA lithographic charts will still be available from FAA and chart agents. NOAA Print-on Demand charts (POD) will continue to be available through two authorized vendors. NOAA charts are also available as NOAA Raster Navigational Charts (RNC), Electronic Navigational Charts (ENC), and as a portable document format (PDF). For more information, please visit NOAA's Office of Coast Survey's homepage at <http://www.nauticalcharts.noaa.gov/>. The POD charts produced by NOAA's POD partners are, and will continue to be considered published by NOAA, and will meet all mandatory carriage requirements as specified by navigation safety regulations: 33 CFR 164.01 and 33CFR 164.33.

LNM: 47/13

ECDIS DATA PRESENTATION AND PERFORMANCE CHECK

In order to promote safety of navigation, the International Hydrographic Organization (IHO) has produced two Electronic Navigational Chart (ENC) datasets designed to alert mariners to the possibility that their Electronic Chart and Display Information System (ECDIS) software may require upgrading. The IHO recommends that all mariners using ECDIS and ENCs visit the following website where they can find more information and instructions for using the test ENC datasets: <http://www.iho.int> > IHO News Links > ECDIS Data Presentation and Performance Check or directly from: http://www.iho.int/srv1/index.php?option=com_content&view=article&id=585&Itemid=828.

LNM: 09/12

IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ECDIS

Following an announcement by the International Maritime Organization (IMO) concerning potential display anomalies in some ECDIS systems, the International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the anomalies. IHO has received reports from mariners confirming that a number of ECDIS fail to display some significant underwater features in the "Standard" display mode. For all significant objects to be visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available from the manufacturer. Mariners are strongly encouraged to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website (www.iho.int) to check the operation of their ECDIS and to determine whether their system is affected. IHO Circular Letter 33/2012 is available on the Coast Guard's Navigation Center website (<http://www.navcen.uscg.gov>) under the heading News and Notices.

LNM: 12/12

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 imprecision-s 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.

US - ATLANTIC SEACOAST - NORTH ATLANTIC RIGHT WHALES WARNING - ENDANGERED NORTH ATLANTIC RIGHT WHALES

Critically endangered right whales may be encountered in offshore and coastal waters. Right whales are slow moving and at risk of serious injury or death due to collisions with vessels. U.S. law (50 CFR 224.105) prohibits operating vessels 65 feet (19.8 m) or greater in excess of 10 knots in specific managed locations along the U.S. east coast during times when right whales are likely to be present. See enclosed compliance guide for specific times, areas, and exceptions to this law. Intentionally approaching within 500 yards of right whales is prohibited and is a violation of U.S. law. A minimum distance of 500 yards must be maintained from a sighted whale unless hazardous to the vessel or its occupants. The National Oceanic and Atmospheric Administration (NOAA) recommends that operators assume that any whale sighted is a right whale unless confirmed otherwise. NOAA also recommends speeds of 10 knots or less in areas used by right whales and outside of seasonally managed areas when consistent with safety of navigation. In the northeast, please report all right whale sightings, collisions, or entanglements to 866-755-6622 or to the Coast Guard via channel 16. WHALESNORTH Mandatory Ship Reporting Area is active year-round. For more information, consult the U.S. Coast Pilot. MSR arrival reports can be sent via TELEX number 48156090 or email to rightwhale.msr@noaa.gov.

LNM: 44/15

U.S. COAST GUARD AUXILIARY – PUBLIC EDUCATION CLASSES – FIND BY ZIPCODE

The National Public Education Calendar Database provides a single, unified national database that holds and displays all public education courses taught by our various flotillas nationwide. In addition, a Zip Code search permits members of the general public to enter a Zip Code of interest, and find all public education courses being taught within a selected distance from that Zip Code. The National Public Education Calendar Database provides a single, unified national database that holds and displays all public education courses taught by our various flotillas nationwide. In addition, a Zip Code search permits members of the general public to enter a Zip Code of interest, and find all public education courses being taught within a selected distance from that Zip Code. [Http://www.cgau.org/boatinged/class_finder/index.php](http://www.cgau.org/boatinged/class_finder/index.php)

LNM: 20/14

WESTERN ATLANTIC AND U.S. COASTAL WATERS - NORTH CAROLINA – SUNKEN MILITARY CRAFT ACT (SMCA) –PROHIBITION ON DISTURBING, REMOVING ARTIFACTS OR DAMAGING SUNKEN CRAFT

All mariners are advised of the special protections provided to sunken military craft by the "Sunken Military Craft Act" (SMCA) (Public Law 108-375). Along the U.S. East Coast, and particularly off North Carolina, there are many sunken U.S. and foreign military craft. Sunken military craft may be the final resting places of military personnel who died in service to their country and are also important historical resources. One very notable example is the wreck of the USS MONITOR, off the NC Coast, also protected by the National Marine Sanctuaries Act. Under international and U.S. law, sunken foreign military craft, including those located in U.S. waters, remain the property of their respective country's government. Sovereign immune vessels, such as military crafts, are afforded protections under U.S. and international law. Included among these vessels are at least three known sunken German submarines (commonly called U-boats) located in waters off the North Carolina coast. These U-boats remain the property of the Federal Republic of Germany. In accordance with the SMCA, no person shall engage in or attempt to engage in any activity directed at a sunken military craft that disturbs, removes, or injures the sunken craft or the associated contents of the craft except as authorized by law. This includes, but is not limited to, the equipment, cargo, contents of the vessel, and the remains and personal effects of the crew and passengers. Mariners are urged to exercise due care when operating in the vicinity of military wrecks, as they can be damaged by both purposeful or inadvertent activities including anchoring, fishing, diving, and other marine activities. Special dangers, such as unexploded ordnance, may also be associated with sunken military craft, and should be considered when operating in these areas. Violations of the SMCA may subject individuals to penalties of up to \$100,000 and to liability for damages. Mariners who witness theft of material from, disturbance of, or damage to a sunken military craft are asked to report it to the nearest U.S. Coast Guard unit.

LNM: 45/09

SAFETY NOTICE - NAVIGATIONAL RANGE STRUCTURES ON ELECTRONIC CHARTS

The U.S. Coast Guard has become aware that Coast Guard information used to depict a rangeline on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the rangeline on the ENC. Mariners are cautioned that the position of a rangeline as shown on an ENC may not reflect its true position.

LNM: 04/11

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER

The United States Coast Guard Navigational Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information on GPS, DGPS, Navigational Rules, and maritime information. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar (NANU). These notices can also be obtained via-e-mail subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/?pageName=gpsSubscribe>). In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS and AIS service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at <http://www.navcen.uscg.gov>.

NAUTICAL CHART UPDATES

The National Ocean Service (NOS) has moved and expanded the function of its "critcorr" website. The new "Nautical Chart Updates" website allows the mariner to update their nautical charts from one database that includes information from NOS, and NGA Notice to Mariners, the Coast Guard Local Notice to Mariners and the Canadian Coast Guard Notice to Mariners. To access the website and for more information go to: and click on: <http://www.nauticalcharts.noaa.gov>.

NATIONAL OCEAN SERVICE (NOS) - CHARTS, PUBLICATIONS, AND TABLES - SALES AGENTS

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.

2016 LIGHT LIST - THE 2016 LIGHT LIST IS NOW AVAILABLE

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. The last government printed Light Lists were the 2014 editions. While the Light Lists will no longer be available in government printed form, commercial reproductions may be available for purchase from maritime service providers. Local Notices to Mariners will continue to advertise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

2016 Light Lists are available on the USCG Navigation Center's website at:

<http://www.navcen.uscg.gov/?pageName=lightLists>

Complete versions of the 2016 Light Lists are updated weekly on the NAVCEN website and mariners should download applicable copies and updates as needed at: <http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates>.

A summary of 2016 Light List corrections are available at: <http://www.navcen.uscg.gov/?pageName=lightListCorrections>

Guidance for use of electronic navigation publications onboard U.S. vessels can be found at:

http://www.uscg.mil/hq/cgcv/cvc/policy/policy_letters/543/CG-543_pol10-05.pdf

LNM: 02/16

USCG NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS) NETWORK TESTING

On August 10, 2015, the U.S. Coast Guard will begin AIS Application Specific Message (AIS-ASM) testing. The test transmissions will occur between 0001-2359Z, 7 days/week. The test messages can be identified by their Maritime Mobile Service (MMSI) number: 300669139 or 00366613 and by the words "USCG TEST" within the contents of the message. Mariners are requested to contact the USCG Navigation Center at 1-703-313-5900 or TIS-PF-NISWS@uscg.mil with any questions, comments, or to report any safety and/or operational impacts caused by this testing.

Application Specific Messages to be tested include: messages 6, 8, 25, and 26, DAC=367, FI's=22, 29, 33, 35; AIS Safety Related Text (SRM) messages: 8 (DAC=001, FI=0) and 14. The messages will be of various lengths, using repetitions of the text "USCG TEST". For further information on AIS messages, DACs, and FI's visit <http://www.navcen.uscg.gov/?pageName=AISMessages>.

LNM: 31/15

BROADCAST NOTICES TO MARINERS

This section contains corrections to federal and private Aids to Navigation, as well as NOS Corrections. Navigation information having been of immediate concern to the Mariner and promulgated by the following Broadcast Notices to Mariners (BMNs) have been incorporated in this notice when still significant at the date of this publication.

CCGD5 (D5) - 001, 002, 004, 005-16.

Sector Delaware Bay (DB) - 378-15, 004-16, 007-16

Sector Baltimore (BA) - 538, 240-15, 007, 002, 003, 004, 007-16.

Sector Hampton Roads (HR) - 012-16, 011-16, 010-16, 009-16, 008-16, 005-16, 589-15, 585-15, 573-15, 566-15, 565-15, 552-15.

Sector North Carolina (NC) - 657-15, 658-15, 659-15, 660-15, 662-15, 583-15, 600-15, 632-15, 663-15, 001-16, 002-16, 003-16, 006-16, 010-16, 012-16, 013-16, 014-16.

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|------|--|---------|-----------|----------|--------|---------|
| 60 | Absecon Inlet Lighted Buoy 1 | MISSING | 12316 | 677DB | 01/16 | |
| 91 | Hereford Inlet Lighted Wreck Buoy WR2 | MISSING | 12316 | 462DB | 35/15 | |
| 220 | Great Gull Bank Lighted Buoy 4 | MISSING | 12211 | 504D5 | 41/15 | |
| 350 | Cape Charles Light | LT EXT | 12222 | 384HR | 18/13 | |
| 485 | Chesapeake Bay Southern Approach Lighted Buoy 15 | LT EXT | 12200 | 003HR | 01/16 | |
| 585 | Navy Air Combat Maneuvering Range Tower Light G | LT EXT | 12200 | 407NC | 27/12 | |
| 825 | Frying Pan Shoals Slough Buoy 1 | MISSING | 11536 | 191NC | 14/15 | |
| 925 | Barnegat Inlet Lighted Buoy 4 | MISSING | 12324 | 362DB | 26/15 | |
| 1170 | Absecon Inlet Lighted Buoy 1 | MISSING | 12316 | 677DB | 01/16 | |
| 1270 | Great Egg Harbor Inlet Lighted Buoy 1 | OFF STA | 12316 | 620DB | 47/15 | |

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|-------------|--|---------------------------|--------------|---------------|--------------|
| 1275 | Great Egg Harbor Inlet Lighted Buoy 2 | OFF STA | 12316 | 621DB | 47/15 |
| 1290 | Great Egg Harbor Inlet Junction Lighted Buoy GH | OFF STA | 12316 | 656DB | 50/15 |
| 2097 | Rehoboth Bay Channel Light 2 | LT EXT | 12216 | 584DB | 44/15 |
| 2145 | Rehoboth Bay Channel Daybeacon 17B | STRUCT DEST | 12216 | 415DB | 29/15 |
| 2490 | Baker Range Light 2B | DAYMK MISSING/STRUCT DMGD | 12311 | 615DB | 46/15 |
| 2505 | Baker Range Front Light | REDUCED INT | 12311 | 483D5 | 37/15 |
| 2510 | Baker Range Rear Light | LT EXT | 12311 | 164DB | 08/14 |
| 3230 | Chester Range Front Light | LT EXT | 12312 | 472DB | 36/15 |
| 3670 | Upper Delaware River Channel Lighted Buoy 6 | LT EXT | 12314 | 007DB | 02/16 |
| 4150 | Kinkora Upper Range Rear Light | LT EXT | 12314 | 616DB | 47/15 |
| 4785 | Isle of Wight Bay Warning Buoy C | OFF STA | 12211 | 121BA | 08/15 |
| 4870 | Isle of Wight Bay Light 13 | TRLB/STRUCT DEST | 12211 | 121BA | 09/15 |
| 4871 | Isle Of Wight Bay Light 14 | TRLB/STRUCT DEST | 12211 | 121BA | 09/15 |
| 5010 | Sinepuxent Bay Channel Light 4 | STRUCT DEST/TRLB | 12211 | 491BA | 08/15 |
| 5037 | Sinepuxent Bay Channel Buoy 10A | MISSING | 12211 | 121BA | 08/15 |
| 5042 | Sinepuxent Bay Channel Lighted Buoy 11 | OFF STA | 12211 | 492BA | 45/15 |
| 5045 | Sinepuxent Bay Channel Daybeacon 11A | TRLB/STRUCT DEST | 12211 | 408BA | 31/15 |
| 5070 | Sinepuxent Bay Channel Wreck Light WR16 | MISSING/TRLB | 12211 | 345BA | 26/15 |
| 5075 | Sinepuxent Bay Channel Daybeacon 17 | TRLB/STRUCT DEST | 12211 | 006BA | 02/15 |
| 5105 | Sinepuxent Bay Channel Buoy 27 | MISSING | 12211 | 179BA | 13/15 |
| 5120 | Sinepuxent Bay Channel Buoy 29 | MISSING | 12211 | 182BA | 13/15 |
| 5130 | Sinepuxent Bay Channel Buoy 33 | MISSING | 12211 | 493BA | 45/15 |
| 5135 | Sinepuxent Bay Channel Daybeacon 35 | TRUB/STRUCT DEST | 12211 | 184BA | 13/15 |
| 5145 | Sinepuxent Bay Channel Light 39 | TRLB/STRUCT DEST | 12211 | 186BA | 13/15 |
| 5200 | Chincoteague Bay Light 28 | TRUB/STRUCT DEST | 12211 | 188BA | 13/15 |
| 5205 | Chincoteague Bay Daybeacon 26 | TRUB/STRUCT DEST | 12211 | 189BA | 13/15 |
| 5215 | Chincoteague Bay Daybeacon 23 | TRUB/STRUCT DEST | 12211 | 190BA | 13/15 |
| 5220 | Chincoteague Bay Light 21 | TRLB/STRUCT DEST | 12211 | 191BA | 13/15 |
| 5235 | Chincoteague Bay Daybeacon 19 | TRLB/STRUCT DEST | 12211 | 192BA | 13/15 |
| 5420 | Chincoteague Bay Channel Daybeacon 4 | TRLB/STRUCT DEST | 12211 | 217HR | 10/15 |
| 5425 | Chincoteague Bay Channel Daybeacon 6 | TRUB/STRUCT DEST | 12211 | 218HR | 10/15 |
| 5430 | Chincoteague Bay Channel Light 8 | TRUB/STRUCT DEST | 12211 | 219HR | 10/15 |
| 5435 | Chincoteague Bay Channel Light 9 | TRUB/STRUCT DEST | 12211 | 220HR | 10/15 |
| 5445 | Chincoteague Bay Channel Light 12 | TRLB/STRUCT DMGD | 12211 | 221HR | 11/15 |
| 5450 | Chincoteague Bay Channel Daybeacon 14 | TRUB/STRUCT DEST | 12211 | 222HR | 11/15 |
| 5455 | Greenbackville Light 1 | STRUCT DEST/TRLB | 12211 | 522HR | 41/15 |
| 5477 | Chincoteague Bay Daybeacon 16A | TRUB/STRUCT DEST | 12211 | 223HR | 11/15 |
| 5485 | Chincoteague Bay Daybeacon 19 | TRLB/STRUCT DEST | 12211 | 192BA | 13/15 |
| 5487 | Chincoteague Bay Daybeacon 20 | MISSING/TRLB | 12211 | 258HR | 16/15 |
| 5490 | Chincoteague Bay Light 21 | TRLB/STRUCT DEST | 12211 | 191BA | 13/15 |
| 5495 | Chincoteague Bay Daybeacon 23 | TRUB/STRUCT DEST | 12211 | 190BA | 13/15 |
| 5505 | Chincoteague Bay Daybeacon 26 | TRUB/STRUCT DEST | 12211 | 189BA | 13/15 |
| 5510 | Chincoteague Bay Light 28 | TRUB/STRUCT DEST | 12211 | 188BA | 13/15 |
| 5610 | Virginia Inside Passage Lighted Buoy 7 | MISSING | 12210 | 073HR | 08/14 |
| 5625 | Virginia Inside Passage Daybeacon 13 | BUOY DMGD/TRUB | 12210 | NONEHR | 02/16 |
| 5755 | Virginia Inside Passage Daybeacon 49 | STRUCT DEST | 12210 | 306HR | 20/15 |
| 5767 | Virginia Inside Passage Daybeacon 52 | DAYMK MISSING | 12210 | 242HR | 26/14 |
| 5772 | Virginia Inside Passage Buoy 55 | MISSING | 12210 | 111HR | 12/13 |
| 5773 | Virginia Inside Passage Buoy 55A | MISSING | 12210 | 386HR | 41/12 |
| 5776 | Virginia Inside Passage Buoy 57 | MISSING | 12210 | 241HR | 26/14 |
| 5777 | Virginia Inside Passage Buoy 59 | MISSING | 12210 | 387HR | 41/12 |

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|-------------|--|---------------------------|--------------|---------------|--------------|
| 5820 | Virginia Inside Passage Warning Daybeacon B | DAYMK MISSING | 12210 | 470HR | 50/12 |
| 5850 | Virginia Inside Passage Light 80 | LT EXT/DAYMK MISSING | 12210 | 284HR | 18/15 |
| 5870 | Virginia Inside Passage Daybeacon 82 | STRUCT DEST | 12210 | 285HR | 18/15 |
| 5875 | Virginia Inside Passage Daybeacon 84 | DAYMK MISSING | 12210 | 286HR | 18/15 |
| 5885 | Virginia Inside Passage Light 87 | STRUCT DEST | 12210 | 264HR | 17/15 |
| 5930 | Virginia Inside Passage Daybeacon 102 | DAYMK MISSING | 12210 | 265HR | 17/15 |
| 5935 | Virginia Inside Passage Daybeacon 103 | STRUCT DEST/DAYMK MISSING | 12210 | 266HR | 17/15 |
| 5940 | Virginia Inside Passage Daybeacon 105 | STRUCT DEST | 12210 | 267HR | 17/15 |
| 5945 | Virginia Inside Passage Daybeacon 106 | STRUCT DEST | 12210 | 261HR | 17/15 |
| 5955 | Virginia Inside Passage Buoy 110 | MISSING | 12210 | 425HR | 45/12 |
| 6030 | Virginia Inside Passage Daybeacon 131 | STRUCT DEST | 12210 | 209HR | 22/13 |
| 6035 | Virginia Inside Passage Daybeacon 132 | STRUCT DEST | 12210 | 210HR | 22/13 |
| 6045 | Virginia Inside Passage Daybeacon 136 | DAYMK MISSING | 12210 | 055HR | 07/15 |
| 6050 | Virginia Inside Passage Lighted Buoy 137 | MISSING | 12210 | 040HR | 05/14 |
| 6115 | Virginia Inside Passage Daybeacon 153 | DAYMK MISSING | 12210 | 056HR | 07/15 |
| 6137 | Virginia Inside Passage Daybeacon 157B | DAYMK MISSING | 12210 | 057HR | 07/15 |
| 6139 | Virginia Inside Passage Buoy 158A | OFF STA | 12210 | 354HR | 35/13 |
| 6145 | Virginia Inside Passage Light 160 | DAYMK MISSING | 12210 | 058HR | 07/15 |
| 6160 | Virginia Inside Passage Daybeacon 163 | STRUCT DEST | 12210 | 226HR | 14/15 |
| 6170 | Virginia Inside Passage Daybeacon 165 | DAYMK MISSING | 12210 | 059HR | 07/15 |
| 6180 | Virginia Inside Passage Light 169 | STRUCT DMGD | 12210 | 060HR | 07/15 |
| 6210 | Virginia Inside Passage Light 180 | STRUCT DMGD | 12210 | 384HR | 36/11 |
| 6245 | Virginia Inside Passage Light 191 | DAYMK DMGD | 12224 | NONEHR | 02/16 |
| 6260 | Virginia Inside Passage Buoy 194 | MISSING | 12210 | 215HR | 23/13 |
| 6275 | Virginia Inside Passage Buoy 198 | MISSING | 12224 | NONEHR | 02/16 |
| 6280 | Virginia Inside Passage Daybeacon 199 | DAYMK MISSING | 12224 | NONEHR | 02/16 |
| 6285 | Virginia Inside Passage Daybeacon 199A | STRUCT DEST | 12224 | NONEHR | 02/16 |
| 6320 | Virginia Inside Passage Daybeacon 206 | DAYMK MISSING | 12221 | NONEHR | 02/16 |
| 6343 | Virginia Inside Passage Daybeacon 211 | STRUCT DEST | 12224 | NONEHR | 02/16 |
| 6348 | Virginia Inside Passage Daybeacon 213 | MISSING | 12224 | NONEHR | 02/16 |
| 6355 | Virginia Inside Passage Light 215 | LT EXT/DAYMK MISSING | 12224 | 323HR | 32/13 |
| 6375 | Virginia Inside Passage Daybeacon 218 | DAYMK MISSING | 12224 | NONEHR | 02/16 |
| 6385 | Virginia Inside Passage Daybeacon 219 | STRUCT DEST | 12224 | NONEHR | 02/16 |
| 6390 | Virginia Inside Passage Daybeacon 221 | DAYMK MISSING | 12224 | NONEHR | 02/16 |
| 6415 | Virginia Inside Passage Daybeacon 225 | DAYMK MISSING | 12224 | NONEHR | 02/16 |
| 6440 | Virginia Inside Passage Light 232 | DAYMK MISSING | 12224 | NONEHR | 02/16 |
| 6485 | Virginia Inside Passage Daybeacon 244 | TRLB/STRUCT DEST | 12224 | 339HR | 44/12 |
| 6495 | Virginia Inside Passage Daybeacon 245A | MISSING/TRUB | 12224 | 420HR | 22/15 |
| 6570 | Virginia Inside Passage Buoy 263 | MISSING | 12224 | 338HR | 22/15 |
| 6675 | Wachapreague Channel Light 9 | TRLB/STRUCT DEST | 12210 | 447HR | 08/15 |
| 6736 | Quinby Inlet Channel Buoy 2 | MISSING | 12210 | 350HR | 35/13 |
| 6736.1 | Quinby Inlet Channel Buoy 2A | MISSING | 12210 | 351HR | 35/13 |
| 6740 | Quinby Inlet Channel Lighted Buoy 4 | MISSING | 12210 | 352HR | 35/13 |
| 6745 | Virginia Inside Passage Light 160 | DAYMK MISSING | 12210 | 058HR | 07/15 |
| 6766 | Quinby Creek Buoy 5 | MISSING | 12210 | 218HR | 23/13 |
| 6776 | Quinby Creek Lighted Buoy 9 | MISSING | 12210 | 129HR | 18/12 |
| 6780 | Quinby Creek Light 11 | MISSING/STRUCT DEST | 12210 | 353HR | 35/13 |
| 6820 | Great Machipongo Inlet Light 5 | LT EXT | 12224 | 559HR | 49/15 |

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|---------------|--|---------------------------|--------------|---------------|--------------|
| 6850 | Great Machipongo Inlet Daybeacon 12 | DAYMK MISSING | 12210 | NONEHR | 02/16 |
| 6855 | Great Machipongo Inlet Daybeacon 13 | TRLB/STRUCT DEST | 12210 | 467HR | 34/15 |
| 6945 | Great Machipongo Channel Daybeacon 15 | DAYMK MISSING | 12210 | NONEHR | 02/16 |
| 6991 | Sand Shoal Channel Daybeacon 3 | STRUCT DEST | 12224 | 421HR | 29/15 |
| 6992 | Sand Shoal Channel Light 4 | LT EXT/STRUCT DMGD | 12224 | NONEHR | 02/16 |
| 6992.1 | Sand Shoal Channel Buoy 4A | MISSING | 12224 | NONEHR | 02/16 |
| 6993 | Sand Shoal Channel Daybeacon 5 | STRUCT DEST | 12224 | 422HR | 29/15 |
| 6994 | Sand Shoal Channel Light 7 | DAYMK MISSING | 12210 | NONEHR | 02/16 |
| 7275 | Chesapeake Channel Lighted Buoy 42 | RAC INOP | 12226 | 424HR | 29/15 |
| 7325 | Stingray Point Light | LT EXT | 12235 | NONEHR | 02/16 |
| 7440 | Chesapeake Channel Lighted Buoy 62 | RAC INOP | 12225 | 423HR | 29/15 |
| 7450 | USN Aerial Gunnery Area Warning Daybeacon A | STRUCT DEST/HAZ NAV/TRLB | 12228 | 500BA | 45/15 |
| 9110 | Back Creek Channel Range Rear Light | LT EXT | 12277 | 007BA | 02/16 |
| 9500 | Elizabeth River Channel Lighted Buoy 8 | OFF STA | 12245 | 011HR | 02/16 |
| 10145 | Lynnhaven Inlet Buoy 6 | OFF STA | 12254 | 591HR | 01/16 |
| 10520 | Little Creek Harbor Light 5 | STRUCT DEST/TRLB | 12255 | 514HR | 40/15 |
| 10575 | Willoughby Bay Channel Daybeacon 1 | TRLB/STRUCT DEST | 12245 | 164HR | 10/15 |
| 11995 | Jamestown Island Daybeacon 2 | STRUCT DEST | 12248 | 208HR | 13/15 |
| 12135 | Swann Point Shoal Channel Range Rear Light | LT EXT | 12251 | 009HR | 02/16 |
| 12203 | James River Channel Lighted Buoy 58 | LT EXT | 12251 | 010HR | 02/16 |
| 13497 | York River East Range Rear Light | LT EXT | 12241 | 298HR | 19/15 |
| 13555 | York River West Range Rear Light | LT IMCH | 12238 | 493HR | 49/14 |
| 13925 | Upper York River Channel Light 13 | LT EXT | 12243 | 346HR | 23/15 |
| 14052 | Mobjack Bay Channel Buoy 2MB | MISSING | 12238 | 008HR | 02/16 |
| 15395 | Morattico Creek Daybeacon 2 | STRUCT DMGD | 12237 | 177HR | 11/15 |
| 17260 | Wicomico River Warning Daybeacon | DAYMK MISSING | 12286 | 323BA | 24/15 |
| 17905 | Upper Potomac River Channel Lighted Buoy 21 | LT EXT | 12288 | 001BA | 02/16 |
| 18345 | Upper Potomac River Channel Lighted Buoy 59 | LT EXT | 12289 | 535BA | 52/15 |
| 19900 | Eastport Harbor Daybeacon 7 | STRUCT DEST/TRLB | 12283 | 533BA | 50/15 |
| 21500 | Cape Charles City Light 11 | LT EXT | 12224 | 586HR | 52/15 |
| 21605 | Hungar Creek Daybeacon 2 | MISSING/TRLB | 12226 | 280HR | 26/14 |
| 21615 | Hungar Creek Daybeacon 5 | TRLB/STRUCT DEST | 12226 | 085HR | 08/15 |
| 21784 | Nandua Creek Channel Daybeacon 8 | TRUB/STRUCT DEST | 12226 | 197HR | 12/15 |
| 21790 | Nandua Creek Channel Warning Daybeacon F | DAYMK MISSING | 12226 | 203HR | 12/15 |
| 21792 | Nandua Creek Channel Daybeacon 9 | TRUB/STRUCT DEST | 12226 | 456HR | 33/15 |
| 21805 | Nandua Creek Channel Daybeacon 13 | STRUCT DMGD | 12226 | 199HR | 12/15 |
| 21820 | Nandua Creek Channel Daybeacon 17 | TRLB/STRUCT DMGD | 12226 | 200HR | 12/15 |
| 21825 | Nandua Creek Channel Daybeacon 19 | TRUB/STRUCT DEST | 12226 | 201HR | 12/15 |
| 21830 | Nandua Creek Channel Daybeacon 21 | TRUB/STRUCT DEST | 12226 | 202HR | 12/15 |
| 22030 | Onancock Creek Channel Daybeacon 20 | DAYMK MISSING | 12228 | 578HR | 50/15 |
| 22140 | Chesconessex Creek Daybeacon 4 | TRUB/STRUCT DEST | 12228 | 318HR | 21/15 |
| 22170 | Chesconessex Creek Daybeacon 12 | DAYMK MISSING | 12228 | 012HR | 02/16 |
| 22475 | Starling Creek Daybeacon 6 | TRUB/STRUCT DEST | 12228 | 330HR | 22/15 |
| 22630 | Upper Pocomoke River Daybeacon 8 | TRUB/STRUCT DEST | 12228 | 504BA | 41/14 |
| 23410 | Goose Creek Channel Daybeacon 6 | TRLB/STRUCT DEST | 12231 | 121BA | 11/15 |
| 24601 | Tar Bay Warning Daybeacon A | STRUCT DEST/DAYMK MISSING | 12261 | 526BA | 51/15 |
| 25855 | Tilghman Island Harbor Lighted Buoy 5 | OFF STA | 12266 | 540BA | 01/16 |
| 28027 | Oregon Inlet Lighted Buoy 13 | MISSING | 12204 | 015NC | 02/16 |

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|--------------|--|----------------------------------|--------------|--------------|--------------|
| 28035 | Oregon Inlet Buoy 15 | OFF STA | 12204 | 633NC | 49/15 |
| 28410 | Roanoke Sound Channel Daybeacon 12 | TRLB/STRUCT DEST | 12204 | 293NC | 21/15 |
| 28775 | Hatteras Inlet Channel Daybeacon 23 | TRUB/STRUCT DEST | 11555 | 435NC | 30/15 |
| 28815 | Rollinson Channel Light 30 | STRUCT DEST/TRLB | 11555 | 560NC | 37/15 |
| 28830 | Rollinson Channel Light 34 | STRUCT DEST/TRLB | 11555 | 647NC | 50/15 |
| 28870 | Austin Creek Entrance Channel Light 1 | STRUCT DEST/TRLB | 11555 | 652NC | 50/15 |
| 28875 | Austin Creek Light 2 | STRUCT DEST/TRLB | 11555 | 612NC | 46/15 |
| 29130 | Lookout Bight Lighted Buoy 4 | LT EXT | 11545 | 001NC | 01/16 |
| 29185 | Barden Inlet Buoy 9 | OFF STA | 11545 | 017NC | 02/16 |
| 29300 | Harkers Island East Channel Light 10 | TRLB/STRUCT DEST | 11545 | 222NC | 16/13 |
| 29345 | Beaufort Inlet Channel Lighted Buoy 7 | LT EXT | 11547 | 660NC | 52/15 |
| 29380 | Beaufort Inlet Channel Lighted Gong Buoy 15 | OFF STA/LT EXT | 11547 | 535NC | 40/15 |
| 29435 | Morehead City Channel Range Rear Light | STRUCT DEST | 11547 | 389NC | 27/14 |
| 29590 | Swansboro Harbor Buoy 2 | OFF STA | 11541 | 663NC | 01/16 |
| 29945 | New River Channel Daybeacon 53 | TRUB/STRUCT DEST | 11542 | 329NC | 24/15 |
| 30025 | New Topsail Inlet Buoy 8 | OFF STA | 11541 | 016NC | 02/16 |
| 30090 | Banks Channel Daybeacon 9A | TRUB/STRUCT DEST | 11541 | 246NC | 15/15 |
| 30130 | Banks Channel Daybeacon 19 | TRUB/STRUCT DEST | 11541 | 276NC | 20/15 |
| 30140 | New River To Cape Fear River Junction Light BC | TRLB/STRUCT DEST | 11541 | 175NC | 12/15 |
| 30200 | Wrightsville Channel Junction Daybeacon WC | TRUB/STRUCT DEST | 11541 | 198NC | 14/15 |
| 30270 | Carolina Beach Inlet Buoy 2 | OFF STA | 11534 | 529NC | 41/15 |
| 30270 | Carolina Beach Inlet Buoy 2 | OFF STA | 11534 | 630NC | 49/15 |
| 30280 | Carolina Beach Inlet Buoy 4 | MISSING | 11534 | 530NC | 41/15 |
| 30310 | Cape Fear River Entrance Range Front Light | REDUCED INT DAYTIME | 11534 | 027D5 | 03/15 |
| 30325 | Cape Fear River Entrance Channel Lighted Buoy 5 | LT EXT | 11537 | 006NC | 02/16 |
| 30491 | Federal Point Range Front Light | STRUCT DEST | 11534 | 436NC | 32/15 |
| 31125 | Calabash Creek Light 4 | STRUCT DEST/TRLB | 11534 | 568NC | 43/15 |
| 31170 | Whale Head Bay Light 1 | TRLB/STRUCT DEST | 12204 | 263NC | 18/15 |
| 31976 | Roanoke Marshes Warning Daybeacon | STRUCT DEST | 12204 | 467NC | 35/15 |
| 32360 | Bluff Shoal Light BI | LT EXT | 11548 | 619NC | 47/15 |
| 33010 | Pungo River Channel Daybeacon 15 | STRUCT DEST/TRLB | 11553 | 561NC | 43/15 |
| 33135 | South Creek Channel Daybeacon 7 | TRUB/STRUCT DEST | 11554 | 393NC | 28/15 |
| 33490 | Cedar Island North Light | LT EXT/DAYMK MISSING/STRUCT DMGD | 11550 | 045NC | 29/14 |
| 33535 | West Bay Light 7WB | DAYMK MISSING | 11544 | 498NC | 38/15 |
| 33580 | Neuse River Junction Light NR | LT EXT | 11541 | 014NC | 02/16 |
| 33801 | Dawson Creek Entrance Buoy 4 | OFF STA | 11552 | 662NC | 52/15 |
| 34315 | Trent River Daybeacon 20 | TRLB/STRUCT DEST | 11552 | 523NC | 39/15 |
| 34335 | Core Sound Buoy 3A | OFF STA | 11550 | 038NC | 05/15 |
| 34840 | Beaufort Harbor Channel Daybeacon 8 | STRUCT DEST/TRUB | 11547 | 569NC | 43/15 |
| 35400 | New Jersey Intracoastal Waterway Daybeacon 102 | TRLB/STRUCT DEST | 12316 | 268DB | 18/15 |
| 36009 | New Jersey Intracoastal Waterway Buoy 263A | MISSING | 12316 | 625DB | 48/15 |
| 37640 | Great Bridge to Albemarle Sound Light 123 | STRUCT DEST/TRLB | 12206 | 603NC | 46/15 |
| 38080 | Pungo River Channel Daybeacon 15 | STRUCT DEST/TRLB | 11553 | 561NC | 43/15 |
| 38155 | Goose Creek Daybeacon 4 | STRUCT DEST/TRLB | 11553 | 629NC | 48/15 |
| 38260 | Neuse River Junction Light NR | LT EXT | 11541 | 014NC | 02/16 |
| 38325 | Adams Creek Daybeacon 6 | STRUCT DEST/TRUB | 11541 | 611NC | 46/15 |
| 38430 | Core Creek Daybeacon 28 | STRUCT DEST/TRUB | 11541 | 012NC | 02/16 |
| 38731 | Causeway Channel Buoy 5A | MISSING | 11547 | 656NC | 51/15 |

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|-------|---|------------------|-------|--------|-------|
| 38825 | Peletier Creek Entrance Channel Daybeacon 2 | TRUB/STRUCT DEST | 11541 | 502NC | 38/15 |
| 39205 | Bogue Sound - New River Light 55 | TRLB/STRUCT DEST | 11541 | 462NC | 34/15 |
| 39225 | Bogue Sound - New River Daybeacon 63 | TRUB/STRUCT DEST | 11541 | 316NC | 23/15 |
| 39290 | Bogue Sound - New River Daybeacon 70 | TRUB/STRUCT DEST | 11541 | 142NC | 10/15 |
| 39520 | New River To Cape Fear River Junction Light BC | TRLB/STRUCT DEST | 11541 | 175NC | 12/15 |
| 39575 | New River - Cape Fear River Daybeacon 108 | TRUB/STRUCT DEST | 11541 | 369NC | 27/15 |
| 39705 | New River - Cape Fear River Daybeacon 150 | TRUB/STRUCT DEST | 11534 | NONENC | 33/15 |
| 39740 | New River - Cape Fear River Daybeacon 156 | TRLB/STRUCT DEST | 11534 | 186NC | 13/15 |
| 39750 | New River - Cape Fear River Daybeacon 159 | TRLB/STRUCT DEST | 11534 | 051NC | 06/15 |
| 39836 | New River - Cape Fear River Daybeacon 164 | TRUB/STRUCT DEST | 11534 | 486NC | 36/15 |
| 39966 | Federal Point Range Front Light | STRUCT DEST | 11534 | 436NC | 32/15 |
| 40095 | Cape Fear River - Little River Light 18 | STRUCT DEST/TRLB | 11534 | 558NC | 43/15 |
| 40195 | Cape Fear River - Little River Daybeacon 39 | STRUCT DEST/TRUB | 11534 | 559NC | 42/15 |
| 40305 | Cape Fear River - Little River Daybeacon 71 | TRUB/STRUCT DEST | 11534 | 477NC | 36/15 |
| 40365 | Cape Fear River - Little River Daybeacon 87 | STRUCT DEST/TRLB | 11534 | 602NC | 42/15 |
| 40395 | Cape Fear River - Little River Daybeacon 97 | STRUCT DEST/TRLB | 11534 | 548NC | 42/15 |
| 40445 | Cape Fear River - Little River Daybeacon 115 | STRUCT DEST/TRUB | 11534 | 592NC | 45/15 |

DISCREPANCIES (FEDERAL AIDS) CORRECTED

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|-------|---|-------------------|-----------|----------|--------|---------|
| 2925 | Deepwater Point Range Lighted Bell Buoy 2D | RELIGHTED | 12311 | 002DB | 01/16 | 02/16 |
| 4155 | Upper Delaware River Channel Lighted Buoy 71 | RESET ON STATION | 12314 | 676DB | 52/15 | 02/16 |
| 8150 | Brewerton Channel Range Front Light | RELIGHTED | 12281 | 008BA | 02/16 | 02/16 |
| 9060 | Elk River Channel East Range Rear Light | RELIGHTED | 12277 | 006BA | 02/16 | 02/16 |
| 9470 | Elizabeth River Channel Lighted Gong Buoy 5 | WATCHING PROPERLY | 12245 | 007HR | 01/16 | 02/16 |
| 10030 | Elizabeth River Southern Branch Light 20 | REBUILT/RECOVERED | 12253 | 529HR | 41/15 | 02/16 |
| 10130 | Lynnhaven Inlet Light 1L | WATCHING PROPERLY | 12254 | 002HR | 01/16 | 02/16 |
| 17255 | Wicomico River Entrance Light 1W | RELIGHTED | 12286 | 005BA | 02/16 | 02/16 |
| 27145 | Wilson Point Junction Light | RELIGHTED | 12278 | 537BA | 01/16 | 02/16 |
| 30312 | Cape Fear River Entrance Range Rear Light | RELIGHTED | 11534 | 005NC | 03/15 | 02/16 |
| 30760 | Keg Island Range Rear Light | RELIGHTED | 11537 | 007NC | 02/16 | 02/16 |
| 30783 | Big Island Lower North Range Front Light | WATCHING PROPERLY | 11537 | 008NC | 02/16 | 02/16 |
| 30784 | Big Island Lower North Range Rear Light | RELIGHTED | 11537 | 009NC | 02/16 | 02/16 |
| 36880 | Elizabeth River Southern Branch Light 20 | REBUILT/RECOVERED | 12253 | 529HR | 41/15 | 02/16 |
| 39547 | New River - Cape Fear River Buoy 99 | WATCHING PROPERLY | 11541 | NONENC | 51/15 | 20/16 |

DISCREPANCIES (PRIVATE AIDS)

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|-------|---------------------------------------|---------|-----------|----------|--------|---------|
| 9 | Ocean Power Lighted Data Buoy A | MISSING | 12323 | 585DB | 49/13 | |
| 793.6 | NC Artificial Fishing Reef Buoy AR366 | MISSING | 11539 | 282NC | 19/14 | |
| 819 | NC Artificial Fishing Reef Buoy AR425 | MISSING | 11520 | 079NC | 04/14 | |
| 1690 | Bidwell Creek Entrance Light 2 | LT EXT | 12304 | NONEAC | 37/06 | |
| 1960 | Fortescue Creek Entrance Buoy 4 | OFF STA | 12304 | NONEDB | 17/13 | |
| 2035 | Lewes Breakwater Front Light | LT EXT | 12216 | 282DB | 27/13 | |

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|----------|---|--------------------|-------|--------|-------|
| 2137 | Bakers Channel Lighted Buoy 1B | BUOY DMGD/LT EXT | 12216 | 592DB | 44/15 |
| 4346 | Upper Delaware River Pipeline Outfall Buoy | MISSING | 12314 | 129DB | 18/12 |
| 4900 | Thorofare Channel Buoy 10 | OFF STA | 12211 | 121BA | 09/15 |
| 4925 | Ocean Pines Yacht Club Light 2 | LT EXT | 12211 | 398BA | 29/15 |
| 4991.16 | Little Assawoman Bay Daybeacon 15 | DAYMK MISSING | 12211 | 491HR | 38/15 |
| 4991.22 | Little Assawoman Bay Daybeacon 21 | STRUCT DMGD | 12214 | 490HR | 38/15 |
| 5165 | Chincoteague Bay State Boundary Line Buoy B | DAYMK IMCH | 12211 | 528HR | 46/12 |
| 5165 | Chincoteague Bay State Boundary Line Buoy B | OFF STA | 12211 | 024HR | 04/14 |
| 5175 | Chincoteague Bay State Boundary Line Buoy D | DAYMK IMCH | 12211 | 429HR | 46/12 |
| 5180 | Chincoteague Bay State Boundary Line Buoy E | DAYMK IMCH | 12211 | 430HR | 46/12 |
| 5185 | Chincoteague Bay State Boundary Line Buoy F | MISSING | 12211 | 431HR | 46/12 |
| 5190 | Chincoteague Bay State Boundary Line Buoy G | DAYMK IMCH | 12211 | 432HR | 46/12 |
| 5265 | George Island Channel Daybeacon 8 | DAYMK IMCH | 12211 | 346HR | 38/12 |
| 5453 | Coards Marsh Sanctuary Daybeacon A | STRUCT DEST | 12211 | 433HR | 46/12 |
| 5453.1 | Coards Marsh Sanctuary Daybeacon B | STRUCT DEST | 12211 | 434HR | 46/12 |
| 5453.2 | Coards Marsh Sanctuary Daybeacon C | STRUCT DEST | 12211 | 435HR | 46/12 |
| 5457 | Greenbackville Sanctuary Daybeacon A | DAYMK DMGD | 12211 | 476HR | 43/11 |
| 5457.1 | Greenbackville Sanctuary Daybeacon B | DAYMK DMGD | 12211 | 477HR | 43/11 |
| 7669 | UMCES Lighted Data Buoy JI | MISSING | 12264 | 439BA | 36/14 |
| 7860 | Bay Bridge Marina Light 5 | LT EXT | 12270 | 350BA | 44/12 |
| 9853 | Elizabeth River Town Point Reach No Wake Buoy A | OFF STA | 12253 | 328HR | 35/14 |
| 10125 | Lynnhaven Roads Fishing Pier Lights (2) | MISSING | 12254 | 319HR | 31/13 |
| 10186 | Lynnhaven River Daybeacon 1LR | STRUCT DEST | 12254 | 080HR | 08/15 |
| 10762.03 | Lafayette River Northern Branch Daybeacon 3 | DAYMK MISSING | 12245 | 251HR | 26/14 |
| 10762.1 | Lafayette River Northern Branch Daybeacon 12 | DAYMK MISSING | 12245 | 252HR | 26/14 |
| 12127 | Glasshouse Point Lower Ferry Light | LT EXT | 12251 | 367HR | 24/15 |
| 12950 | Back River South Channel Daybeacon 2 | STRUCT DEST | 12238 | 332HR | 24/13 |
| 12958 | Back River South Channel Daybeacon 8 | DAYMK MISSING | 12238 | 193HR | 12/15 |
| 13050 | Harris River Approach Daybeacon 3 | DAYMK MISSING | 12238 | 036HR | 06/12 |
| 13050 | Harris River Approach Daybeacon 3 | DAYMK MISSING | 12238 | 168HR | 20/14 |
| 13065 | Harris River Approach Daybeacon 6 | OFF STA | 12238 | 169HR | 20/14 |
| 13065 | Harris River Approach Daybeacon 6 | OFF STA/DAYMK DMGD | 12238 | 037HR | 06/12 |
| 14940 | Windmill Point Marina Light 3 | LT EXT | 12235 | 348HR | 23/12 |
| 15005 | Broad Creek Northern Branch Daybeacon 1N | DAYMK DMGD | 12235 | 234HR | 24/13 |
| 15050 | Broad Creek Northern Branch Daybeacon 12 | DAYMK MISSING | 12235 | 431HR | 49/14 |
| 16275 | Buzzards Point Daybeacon 3 | DAYMK DMGD | 12235 | 390HR | 26/15 |
| 16555 | Lake Conoy Warning Daybeacon A | MISSING | 12233 | 251BA | 19/10 |
| 16612 | Coan River Marina Buoy 1 | MISSING | 12233 | 121BA | 10/15 |
| 16613 | Coan River Marina Buoy 2 | MISSING | 12233 | 121BA | 10/15 |
| 16614 | Coan River Marina Buoy 3 | MISSING | 12233 | 121BA | 10/15 |
| 16853 | Potomac River Sandy Point Lighted Data Buoy A | MISSING | 12233 | 282BA | 20/14 |
| 17845 | Nanjemoy Creek Buoy 5 | OFF STA | 12288 | 497BA | 45/15 |
| 18014 | Aquia Creek Daybeacon 31 | DAYMK IMCH | 12288 | 422BA | 34/14 |
| 18014.1 | Aquia Creek Daybeacon 32 | DAYMK DMGD | 12288 | NONEBA | 34/14 |
| 18014.2 | Aquia Creek Daybeacon 33 | DAYMK IMCH | 12288 | 423BA | 34/14 |
| 18014.3 | Aquia Creek Daybeacon 34 | DAYMK DMGD | 12288 | 424BA | 34/14 |
| 18075 | Possum Point Pier Light | LT EXT | 12288 | 448BA | 37/15 |

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| 18170 | Leesylvania Park Light 2 | LT EXT | 12288 | 449BA | 37/15 |
| 18793.1 | Tanner Creek Warning Daybeacon A | DAYMK MISSING | 12233 | 179BA | 23/13 |
| 18793.2 | Tanner Creek Daybeacon 1 | DAYMK MISSING | 12233 | 178BA | 23/13 |
| 19152 | Academy Of Natural Science Intake Light B | STRUCT DEST/HAZ NAV | 12264 | 121BA | 08/15 |
| 19612 | South River Warning Buoy A | MISSING | 12270 | 039BA | 06/13 |
| 19613 | South River Warning Buoy B | MISSING | 12270 | 040BA | 06/13 |
| 20063 | Severn River - Mill Creek Buoy 11 | SINKING | 12283 | 238BA | 16/15 |
| 20210 | Forked Creek Daybeacon 2 | DAYMK MISSING | 12282 | 240BA | 18/14 |
| 21175 | Fairfield Channel Buoy 2 | MISSING | 12281 | 036BA | 08/12 |
| 21180 | Fairfield Channel Buoy 4 | MISSING | 12281 | 037BA | 08/12 |
| 21180 | Fairfield Channel Buoy 4 | OFF STA | 12281 | 286BA | 37/12 |
| 21185 | Fairfield Channel Buoy 6 | MISSING | 12281 | 233BA | 17/07 |
| 21362 | North Locust Point Marine Terminal Pier 7 Warning Buoy A | MISSING | 12281 | 569BA | 01/15 |
| 22095 | Onancock Creek -South Branch Buoy 1 | OFF STA | 12228 | 292BA | 30/08 |
| 22430 | Pocomoke Sound State Boundary Line Daybeacon H | TRUB/STRUCT DEST | 12228 | 165BA | 13/15 |
| 22440 | Pocomoke Sound State Boundary Line Daybeacon K | TRUB/STRUCT DEST | 12228 | NONEBA | 31/15 |
| 22985 | Ward Creek Warning Daybeacon A | MISSING | 12231 | 503BA | 31/05 |
| 23315 | Jones Creek Daybeacon 4 | DAYMK MISSING | 12231 | 402BA | 44/08 |
| 23340 | Jones Creek Daybeacon 12 | DAYMK DMGD | 12231 | 620BA | 45/11 |
| 23670 | Dorchester/Somerset County Line Marker DD | TRUB/STRUCT DEST | 12231 | 166BA | 13/15 |
| 23715 | Dames Quarter Creek Channel Daybeacon 4 | OFF STA/TRUB | 12261 | 242BA | 24/07 |
| 25010 | Cambridge Municipal Yacht Basin Light 1 | MISSING | 12266 | 316BA | 40/12 |
| 25015 | Cambridge Municipal Yacht Basin Light 2 | MISSING | 12266 | 317BA | 40/12 |
| 25020 | Cambridge Channel Range Front Light | LT EXT | 12268 | 420BA | 46/08 |
| 25025 | Cambridge Channel Range Rear Light | LT EXT/DAYMK DMGD | 12268 | 418BA | 46/08 |
| 25330 | Pier Street Marina Daybeacon 1 | STRUCT DEST/HAZ NAV | 12266 | 157BA | 20/13 |
| 25335 | Pier Street Marina Daybeacon 2 | STRUCT DEST/HAZ NAV | 12266 | 168BA | 21/13 |
| 25760 | Upper Edge Creek Daybeacon 5 | STRUCT DEST/HAZ NAV | 12266 | 011BA | 02/15 |
| 26225 | Oak Creek Warning Buoy | STRUCT DEST | 12270 | 265BA | 35/12 |
| 26275 | Cox Creek Daybeacon 5 | MISSING | 12270 | 184BA | 24/13 |
| 26343 | Greenwood Creek Buoy 1G | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.1 | Greenwood Creek Buoy 2 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.2 | Greenwood Creek Buoy 3 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.3 | Greenwood Creek Buoy 4 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.4 | Greenwood Creek Buoy 5 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.5 | Greenwood Creek Buoy 6 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.6 | Greenwood Creek Buoy 8 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.7 | Greenwood Creek Buoy 10 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.8 | Greenwood Creek Buoy 12 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.9 | Greenwood Creek Buoy 13 | OFF STA | 12270 | NONEBA | 12/15 |
| 26990 | Shallow Creek Daybeacon 9 | DAYMK MISSING | 12278 | NONEBA | 20/11 |
| 27230 | Upper Gunpowder River Buoy 2 | MISSING | 12274 | 280BA | 19/15 |
| 27240 | Upper Gunpowder River Buoy 4 | MISSING | 12274 | 279BA | 19/15 |
| 27245 | Upper Gunpowder River Daybeacon 5 | STRUCT DEST | 12274 | 278BA | 19/14 |
| 27250 | Upper Gunpowder River Buoy 6 | MISSING | 12274 | 277BA | 19/15 |
| 27255 | Upper Gunpowder River Buoy 7 | MISSING | 12274 | 276BA | 19/15 |
| 27265 | Upper Gunpowder River Buoy 9 | OFF STA | 12274 | 275BA | 19/15 |
| 27270 | Upper Gunpowder River Buoy 10 | OFF STA | 12274 | 274BA | 19/15 |
| 27280 | Upper Gunpowder River Daybeacon 12 | OFF STA | 12274 | 273BA | 19/15 |
| 27415 | Fairlee Creek Buoy 8 | OFF STA/BUOY DMGD | 12278 | 361BA | 28/14 |
| 27920 | Upper Elk River Buoy 8 | OFF STA | 12274 | 127BA | 16/13 |
| 27925 | Upper Elk River Buoy 9 | OFF STA | 12274 | 128BA | 16/13 |

| | | | | | |
|---------|---------------------------------------|---------------|-------|--------|-------|
| 31060 | Shallotte Inlet Buoy 2 | MISSING | 11534 | 005NC | 01/14 |
| 31087 | Shallotte Inlet Buoy 9 | MISSING | 11534 | 317NC | 23/13 |
| 33427.5 | Swan Point Warning Daybeacon B | DAYMK MISSING | 11552 | 177NC | 12/15 |
| 33428 | Swan Point Warning Light C | DAYMK MISSING | 11552 | 178NC | 12/15 |
| 33428.5 | Swan Point Warning Daybeacon D | DAYMK MISSING | 11552 | 179NC | 12/15 |
| 35230 | Manahawkin Bay Lower Warning Light | LT EXT | 12324 | 371DB | 32/13 |
| 35780 | Absecon Waterway Upper Pier Light | LT IMCH | 12316 | 521DB | 38/14 |
| 35785 | Absecon Waterway Lower Pier Light | LT IMCH | 12316 | 522DB | 38/14 |
| 36777.3 | Cape May Village Daybaecon 4 | STRUCT DEST | 12316 | 556DB | 41/15 |
| 39621.2 | Bradley Creek Light 2 | DAYMK DMGD | 11541 | NONENC | 01/16 |
| 39621.3 | Bradley Creek Daybeacon 3 | DAYMK DMGD | 11541 | NONENC | 01/16 |
| | Asquith Creek Daybeacon 6 | DAYMK IMCH | 12282 | 520BA | 45/14 |
| | Back River Buoy 6 | BUOY DMGD | | 263BA | 33/13 |
| | Beach Cove South Channel Daybeacon 8 | MISSING | 12216 | NONEAC | 10/06 |
| | Cherrystone Artifical Reef Buoys | MISSING | 12221 | NONED5 | 24/05 |
| | Cox Creek Channel Buoy 6 (Patapsco) | ADRIFT | 12278 | 296BA | 36/13 |
| | Cox Creek Channel Buoy 7 (Patapsco) | ADRIFT | 12278 | 297BA | 36/13 |
| | East Cod Creek Daybeacon 4 | DAYMK MISSING | 12233 | 120BA | 21/12 |
| | East Cod Creek Daybeacon 6 | DAYMK DMGD | 12285 | 318BA | 26/09 |
| | Fox Hill Channel Daybeacon 4 | DAYMK DMGD | 12238 | 173HR | 23/12 |
| | Fox Hill Channel Daybeacon 6 | STRUCT DEST | 12238 | 174HR | 23/12 |
| | Grassy Sound North Pier Light | MISSING | 12316 | 0068AC | 41/12 |
| | Grassy Sound South Pier Light | MISSING | 12316 | 0069AC | 41/12 |
| | Harris River Approach Daybeacon 10 | DAYMK DMGD | 12238 | NONEHR | 05/12 |
| | Indian River Bay Shellfish Excl. Buoy | MISSING | 12216 | NONEAC | 08/12 |
| | Little Cove Point Warning Light C | STRUCT DEST | 12264 | 286BA | 36/13 |
| | Old House Cove Warning Daybeacon A | MISSING | 12231 | 0498BA | 31/05 |
| | Old House Cove Warning Daybeacon B | MISSING | 12231 | 0499BA | 31/05 |
| | Old House Cove Warning Daybeacon C | MISSING | 12231 | 0500BA | 31/05 |
| | Parramore Artifical Reef Buoy | MISSING | 12210 | 0071ES | 21/05 |
| | Shark River Light 5 | LT EXT | | 395DB | 28/15 |
| | VIMS Clay Bank Lighted Data Buoy A | MISSING | 12243 | NONEHR | 14/14 |
| | VIMS Clay Bank Lighted Data Buoy B | MISSING | 12243 | NONEHR | 14/14 |
| | VIMS Clay Bank Lighted Data Buoy C | MISSING | 12241 | NONEHR | 14/14 |
| | Vims Water Qual Monitor Device (3) | MISSING | | NONEHR | 14/14 |
| | Wachapreague Artifical Reef Buoys | MISSING | 12210 | 0072ES | 21/05 |

DISCREPANCIES (PRIVATE AIDS) CORRECTED

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|------|----------|--------|-----------|----------|--------|---------|
|------|----------|--------|-----------|----------|--------|---------|

None

PLATFORM DISCREPANCIES

| Name | Status | Position | BNM Ref. | LNM St | LNM End |
|------|--------|----------|----------|--------|---------|
|------|--------|----------|----------|--------|---------|

None

PLATFORM DISCREPANCIES CORRECTED

| Name | Status | Position | BNM Ref. | LNM St | LNM End |
|------|--------|----------|----------|--------|---------|
|------|--------|----------|----------|--------|---------|

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|--------------|--|---------------------------|--------------|--------------|--------------|---------|
| 802 | NOAA Lighted Data Buoy 41036 (ODAS) | DISCONTINUED | 11520 | 008D5 | 02/15 | |
| 1540 | Delaware Bay Main Channel Lighted Buoy 10 | RELOCATED FOR DREDGING | 12214 | 140D5 | 12/15 | |
| 1550 | Delaware Bay Main Channel Lighted Buoy 12 | RELOCATED FOR DREDGING | 12214 | 140D5 | 12/15 | |
| 1565 | Delaware Bay Main Channel Lighted Buoy 14 | RELOCATED FOR DREDGING | 12214 | 140D5 | 12/15 | |
| 1570 | Delaware Bay Main Channel Lighted Buoy 16 | RELOCATED FOR DREDGING | 12304 | 140D5 | 12/15 | |
| 1590 | Delaware Bay Main Channel Lighted Buoy 25 | RELOCATED FOR DREDGING | 12304 | 140D5 | 12/15 | |
| 3680 | Upper Delaware River Channel Lighted Buoy 8 | RELOCATED FOR DREDGING | 12314 | 392D5 | 32/15 | |
| 3735 | Upper Delaware River Channel Lighted Buoy 15 | RELOCATED FOR DREDGING | 12314 | 573D5 | 48/15 | |
| 3860 | Upper Delaware River Channel Lighted Buoy 30 | RELOCATED FOR DREDGING | 12314 | 573D5 | 48/15 | |
| 3925 | Upper Delaware River Channel Buoy 39 | RELOCATED FOR DREDGING | 12314 | 573D5 | 48/15 | |
| 3930 | Upper Delaware River Channel Lighted Buoy 40 | RELOCATED FOR DREDGING | 12314 | 573D5 | 48/15 | |
| 5397 | Chincoteague Channel Lighted Buoy 28 | RELOCATED FOR DREDGING | 12210 | 618D5 | 51/15 | |
| 6348 | Virginia Inside Passage Daybeacon 213 | TRUB | 12224 | NONED5 | 02/14 | |
| 8117 | NOAA Lighted Data Buoy SN | DISCONTINUED | 12278 | 602D5 | 50/15 | |
| 8150 | Brewerton Channel Range Front Light | RELOCATED | 12281 | 181D5 | 14/15 | |
| 9520 | Elizabeth River Channel Lighted Bell Buoy 10 | RELOCATED FOR DREDGING | 12245 | 623D5 | 52/15 | |
| 9552.5 | Norfolk International Terminal North Channel Lighted Buoy 6N | RELOCATED FOR DREDGING | 12245 | 623D5 | 52/15 | |
| 9620 | Elizabeth River Channel Lighted Buoy 20 | RELOCATED FOR DREDGING | 12245 | 623D5 | 52/15 | |
| 9630 | Elizabeth River Channel Lighted Buoy 23 | RELOCATED FOR DREDGING | 12245 | 623D5 | 52/15 | |
| 10385 | Long Creek East Channel Light 13 | TRDBN | 12254 | 003D5 | 02/16 | |
| 10410 | Broad Bay Channel Light 17 | TRDBN | 12254 | 004D5 | 02/16 | |
| 10430 | Broad Bay Channel Light 20 | TRDBN | 12254 | 004D5 | 02/16 | |
| 11897 | James River Channel Lighted Buoy 27A | DISCONTINUED FOR DREDGING | 12248 | 541D5 | 44/15 | |
| 11904 | James River Channel Lighted Buoy 29A | DISCONTINUED FOR DREDGING | 12248 | 541D5 | 44/15 | |
| 19697 | NOAA Lighted Data Buoy AN | DISCONTINUED | 12283 | 604D5 | 50/15 | |
| 21510 | Mud Creek Channel Daybeacon 1 | DISCONTINUED FOR DREDGING | 12224 | 271HR | 17/15 | |
| 21515 | Mud Creek Channel Daybeacon 2 | TRUB | 12224 | 221D5 | 18/15 | |
| 23395 | Goose Creek Channel Entrance Lighted Buoy 1 | Other | 12231 | 598D5 | 50/15 | |
| 28025 | Oregon Inlet Lighted Buoy 12 | DISCONTINUED | 12204 | 301D5 | 24/15 | |
| 28030 | Oregon Inlet Buoy 14A | DISCONTINUED FOR DREDGING | 12204 | 534D5 | 43/15 | |
| 28234 | Old House Channel Lighted Buoy 2H | DISCONTINUED | 12206 | 410D5 | 34/15 | |
| 28669 | Hatteras Inlet Buoy 9 | DISCONTINUED | 11555 | 269D5 | 21/15 | |
| 28670 | Hatteras Inlet Buoy 9A | DISCONTINUED | 11555 | 269D5 | 21/15 | |
| 28699.1 | South Ferry Terminal Lighted Buoy 1SF | DISCONTINUED | 11555 | 437D5 | 36/15 | |

| | | | | | |
|----------|--|---------------------------|-------|--------|-------|
| 28700 | South Ferry Terminal Buoy 2SF | DISCONTINUED | 11555 | 437D5 | 36/15 |
| 28701 | South Ferry Terminal Buoy 3SF | DISCONTINUED | 11555 | 437D5 | 37/15 |
| 28703 | South Ferry Terminal Lighted Buoy 4SF | DISCONTINUED | 11555 | 437D5 | 36/15 |
| 28705 | South Ferry Terminal Lighted Buoy 5SF | DISCONTINUED | 11555 | 437D5 | 36/15 |
| 28707 | South Ferry Terminal Buoy 6SF | DISCONTINUED | 11555 | 437D5 | 36/15 |
| 28717 | South Ferry Terminal Lighted Buoy 8SF | DISCONTINUED | 11555 | 437D5 | 36/15 |
| 28719 | South Ferry Terminal Lighted Buoy 10SF | DISCONTINUED | 11555 | 437D5 | 36/15 |
| 28724 | Hatteras Inlet Lighted Buoy 9B | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28726 | Hatteras Inlet Lighted Buoy 10 | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28726.1 | Hatteras Inlet Buoy 10A | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28726.2 | Hatteras Inlet Lighted Buoy 10B | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28729 | Hatteras Inlet Lighted Buoy 11 | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28730.1 | Hatteras Inlet Channel Lighted Buoy 11A | DISCONTINUED | 11555 | 297D5 | 27/14 |
| 28730.15 | Hatteras Inlet Channel Buoy 11AA | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28730.2 | Hatteras Inlet Channel Lighted Buoy 11B | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28733 | Hatteras Inlet Channel Lighted Buoy 12AA | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28733.1 | Hatteras Inlet Channel Buoy 12B | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28733.2 | Hatteras Inlet Channel Buoy 12C | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28735.2 | Hatteras Inlet Channel Lighted Buoy 13 | DISCONTINUED | 11555 | NONED5 | 23/15 |
| 28955 | Teaches Hole Channel Lighted Buoy 20 | DISCONTINUED | 11550 | 173D5 | 14/15 |
| 29388 | Beaufort Inlet Channel Lighted Buoy 16A | DISCONTINUED FOR DREDGING | 11547 | 372D5 | 30/15 |
| 29655 | New River Inlet Buoy 1 | DISCONTINUED | 11541 | 067D5 | 06/15 |
| 29660 | New River Inlet Buoy 2 | DISCONTINUED | 11541 | 067D5 | 06/15 |
| 29665 | New River Inlet Buoy 3 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29670 | New River Inlet Buoy 4 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29680 | New River Inlet Buoy 6 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29700 | New River Inlet Buoy 8 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29721 | New River Inlet Buoy 10A | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29723 | New River Inlet Buoy 10B | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29725 | New River Inlet Buoy 11 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29726 | New River Inlet Buoy 11A | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 30355 | Cape Fear River Entrance Channel Lighted Buoy 9 | RELOCATED FOR DREDGING | 11534 | 022D5 | 03/15 |
| 30360 | Cape Fear River Entrance Channel Lighted Buoy 10 | RELOCATED FOR DREDGING | 11534 | 022D5 | 03/15 |
| 30370 | Cape Fear River Entrance Channel Lighted Buoy 11 | RELOCATED FOR DREDGING | 11534 | 022D5 | 03/15 |
| 30373 | Cape Fear River Entrance Channel Lighted Buoy 13 | RELOCATED FOR DREDGING | 11534 | 022D5 | 03/15 |
| 34885 | Town Creek Channel Daybeacon 2 | TRUB | 11547 | 515D5 | 41/12 |
| 35995 | New Jersey Intracoastal Waterway Daybeacon 258 | TRUB | 12316 | 227DB | 15/15 |
| 38825 | Peletier Creek Entrance Channel Daybeacon 2 | TRUB | 11541 | 493D5 | 39/15 |
| 40223 | Cape Fear River - Little River Buoy 46A | RELOCATED | 11534 | 589D5 | 50/15 |
| 40225 | Cape Fear River - Little River Buoy 47 | RELOCATED | 11534 | 589D5 | 50/15 |

TEMPORARY CHANGES CORRECTED

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|------|----------|--------|-----------|----------|--------|---------|
|------|----------|--------|-----------|----------|--------|---------|

None

PLATFORM TEMPORARY CHANGES

| Name | Status | Position | BNM Ref. | LNM St | LNM End |
|------|--------|----------|----------|--------|---------|
|------|--------|----------|----------|--------|---------|

None

PLATFORM TEMPORARY CHANGES CORRECTED

| Name | Status | Position | BNM Ref. | LNM St | LNM End |
|------|--------|----------|----------|--------|---------|
|------|--------|----------|----------|--------|---------|

None

SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

| Chart Number | Chart Edition | Edition Date | Last Local Notice to Mariners | Horizontal Datum Reference | Source of Correction | Current Local Notice to Mariners |
|--|-------------------|------------------------------|-------------------------------|----------------------------|----------------------|----------------------------------|
| 12327 | 91st Ed. | 19-APR-97 | Last LNM: 26/97 | NAD 83 | | 27/97 |
| Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER | | | | | | |
| Main Panel 2245 NEW YORK HARBOR | | | | | CGD01 | |
| (Temp) | ADD | NATIONAL DOCK CHANNEL BUOY 3 | | | at 40-41-09.001N | 074-02-48.001W |
| | | Green can | | | | |
| | Corrective Action | Object of Corrective Action | | | Position | |

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

| 12225 | 60th Ed. | 01-NOV-11 | Last LNM: 51/15 | NAD 83 | 02/16 |
|---|--|----------------------------------|-----------------|------------------------|----------------|
| <i>Chart Title: Chesapeake Bay Wolf Trap to Smith Point</i> | | | | | |
| Main Panel 563 CHESAPEAKE BAY WOLF TRAP TO SMITH POINT. Page/Side: N/A | | | | | |
| CHANGE | Depth Legend - Starling Creek to; | 3 1/2 FT AUG 2015 (NOS NW-25431) | | NOS 37-55-17.890N | 075-44-01.180W |
| CHANGE | Depth Legend - Starling Creek, Harbor of Refuge to; | 1 FT AUG 2015 (NOS NW-25431) | | NOS 37-55-08.850N | 075-43-35.990W |
| CHANGE | Milford Haven Daybeacon 3A to Milford Haven Warning Daybeacon B, W Or at | | | CGD05 37-29-20.738N | 076-18-58.352W |
| CHANGE | Milford Haven Light 3 to Milford Haven Warning Daybeacon A, W Or at | | | CGD05 37-29-23.126N | 076-19-02.154W |
| ADD | Milford Haven Buoy 3A Green Can | | | CGD05 at 37-29-20.038N | 076-19-00.713W |
| ADD | Milford Haven Buoy 3B Green Can | | | CGD05 at 37-29-19.396N | 076-18-53.903W |
| ADD | Milford Haven Lighted Buoy 3 Green Q G | | | CGD05 at 37-29-23.822N | 076-19-03.599W |

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|--|--|------------------|------------------------|----------------------|----------------|
| 12228 | 33rd Ed. | 01-OCT-11 | Last LNM: 51/15 | NAD 83 | 02/16 |
| <i>ChartTitle: Chesapeake Bay Pocomoke and Tangier Sounds</i> | | | | | |
| Main Panel 566 CHESAPEAKE BAY POCOMOKE AND TANGIER SOUNDS. Page/Side: N/A | | | | | |
| CHANGE | Depth Legend - Big Thorofare - Between Jetties to:: 4 FT MID 50 FT JUL 2015 (NOS NW-25429) | | | NOS 38-00-00.930N | 076-03-16.490W |
| CHANGE | Depth Legend - Big Thorofare to:: 4 FT FOR MID 48 FT JUL 2015 (NOS NW-25428) | | | NOS 37-59-36.830N | 076-01-01.600W |
| CHANGE | Depth Legend - Levering Creek to:: 7 FT MID 48 FT 2015 (NOS NW-25493) | | | NOS 37-59-59.630N | 076-02-12.150W |
| CHANGE | Depth Legend - Starling Creek to:: 3 1/2 FT AUG 2015 (NOS NW-25431) | | | NOS 37-55-17.890N | 075-44-01.180W |
| CHANGE | Depth Legend - Starling Creek, Harbor of Refuge to:: 1 FT AUG 2015 (NOS NW-25431) | | | NOS 37-55-08.850N | 075-43-35.990W |
| CHANGE | Depth Legend - Twitch Cove to:: 5 FT FOR MID 48 FT JUN 2015 (NOS NW-25417) | | | NOS 37-58-00.410N | 075-58-58.050W |

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|--|--|------------------|------------------------|---------------------------|----------------|
| 12230 | 66th Ed. | 01-APR-13 | Last LNM: 52/15 | NAD 83 | 02/16 |
| <i>ChartTitle: Chesapeake Bay Smith Point to Cove Point</i> | | | | | |
| CHART VA-MD-CHESAPEAKE BAY: SMITH POINT TO COVE POINT. Page/Side: N/A | | | | | |
| CHANGE | Goose Creek Channel Entrance Lighted Buoy 1 to FI G 2.5s, Green at | | | CGD05 at 38-05-40.442N | 075-52-19.116W |
| Main Panel 567 CHESAPEAKE BAY SMITH POINT TO COVE POINT. Page/Side: N/A | | | | | |
| CHANGE | Depth Legend - Starling Creek to:: 3 1/2 FT AUG 2015 (NOS NW-25431) | | | NOS 37-55-17.890N | 075-44-01.180W |
| CHANGE | Depth Legend - Starling Creek, Harbor of Refuge to:: 1 FT AUG 2015 (NOS NW-25431) | | | NOS 37-55-08.850N | 075-43-35.990W |
| CHANGE | Depth Legend - Twitch Cove to:: 5 FT FOR MID 48 FT JUN 2015 (NOS NW-25417) | | | NOS 37-58-00.410N | 075-58-58.050W |
| CHANGE | Depth Note - BIG THOROFARE to:: Controlling depth 4 feet for mid 48-50 feet. Jul 2015 (NOS NW-25493) | | | NOS 38-01-32.860N | 076-02-01.810W |
| ADD | Cable Area A PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | | | NOS 38-19-31.780N | 076-28-57.400W |
| ADD | Cable Area A PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | | | NOS 38-19-54.410N | 076-28-44.210W |
| ADD | Cable Area B PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | | | NOS 38-19-39.590N | 076-28-57.410W |
| ADD | Cable Area B PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | | | NOS 38-19-52.970N | 076-28-49.600W |

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|---|--|------------------|------------------------|---------------------------|----------------|
| 12231 | 30th Ed. | 01-FEB-14 | Last LNM: 52/15 | NAD 83 | 02/16 |
| <i>ChartTitle: Chesapeake Bay Tangier Sound Northern Part</i> | | | | | |
| Main Panel 569 TANGIER SOUND - NORTHERN PART. Page/Side: N/A | | | | | |
| CHANGE | Depth Legend - Big Thorofare - Between Jetties to:: 4 FT MID 50 FT JUL 2015 (NOS NW-25429) | | | NOS 38-00-00.930N | 076-03-16.490W |
| CHANGE | Depth Legend - Big Thorofare to:: 4 FT FOR MID 48 FT JUL 2015 (NOS NW-25428) | | | NOS 37-59-36.830N | 076-01-01.600W |
| CHANGE | Depth Legend - Levering Creek to:: 7 FT MID 48 FT 2015 (NOS NW-25493) | | | NOS 37-59-59.630N | 076-02-12.150W |
| CHANGE | Depth Legend - Twitch Cove to:: 5 FT FOR MID 48 FT JUN 2015 (NOS NW-25417) | | | NOS 37-58-00.410N | 075-58-58.050W |
| CHANGE | Goose Creek Channel Entrance Lighted Buoy 1 to FI G 2.5s, Green at | | | CGD05 at 38-05-40.442N | 075-52-19.116W |

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|--------------|-----------------|------------------|------------------------|---------------|--------------|
| 12235 | 34th Ed. | 01-FEB-14 | Last LNM: 51/15 | NAD 83 | 02/16 |
|--------------|-----------------|------------------|------------------------|---------------|--------------|

CHART VA -CHESAPEAKE BAY: RAPPAHANNOCK RIVER ENTRANCE (PIANK & GRT WIC RV). Page/Side: N/A

| | | | |
|--------|--|---------------------------|----------------|
| CHANGE | Milford Haven Daybeacon 3A to Milford Haven Warning Daybeacon B, W Or at | CGD05 37-29-20.738N | 076-18-58.352W |
| CHANGE | Milford Haven Light 3 to Milford Haven Warning Daybeacon A, W Or at | CGD05 37-29-23.126N | 076-19-02.154W |
| ADD | Milford Haven Buoy 3A Green Can | CGD05 at 37-29-20.038N | 076-19-00.713W |
| ADD | Milford Haven Buoy 3B Green Can | CGD05 at 37-29-19.396N | 076-18-53.903W |
| ADD | Milford Haven Lighted Buoy 3 Green Q G | CGD05 at 37-29-23.822N | 076-19-03.599W |

12264 32nd Ed. 01-JAN-14 Last LNM: 01/16 NAD 83 02/16

ChartTitle: Chesapeake Bay Patuxent River and Vicinity

Main Panel 604 CHESAPEAKE BAY PATUXENT RIVER AND VICINTY. Page/Side: N/A

| | | | |
|--------|---|----------------------|----------------|
| DELETE | Cable Area E PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-25.470N | 076-29-01.090W |
| DELETE | Cable Area E PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-35.140N | 076-29-00.000W |
| ADD | Cable Area C PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-25.470N | 076-29-01.090W |
| ADD | Cable Area C PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-54.410N | 076-28-44.210W |
| ADD | Cable Area D PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-35.140N | 076-29-00.000W |
| ADD | Cable Area D PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-52.970N | 076-28-49.600W |

12278 79th Ed. 01-MAY-14 Last LNM: 50/15 NAD 83 02/16

ChartTitle: Chesapeake Bay Approaches to Baltimore Harbor

CHART MD- CHESAPEAKE BAY APPROACHES TO BALTIMORE. Page/Side: N/A

| | | | |
|--------|---|---------------------------|----------------|
| CHANGE | Curtis Bay Channel Range Front Light to FI G 2.5s, (Day/Night) 20FT at (Supercedes LNM 49/15) | CGD05 at 39-13-16.199N | 076-34-34.769W |
| CHANGE | Curtis Bay Channel Range Rear Light to Oc G 4s, 53FT at (Supercedes LNM 49/15) | CGD05 at 39-13-15.809N | 076-34-50.211W |

12281 55th Ed. 01-MAY-14 Last LNM: 50/15 NAD 83 02/16

ChartTitle: Baltimore Harbor

Main Panel 640 BALTIMORE HARBOR. Page/Side: A

| | | | |
|--------|---|---------------------------|----------------|
| DELETE | Obstruction in Feet; 14 Obstn Chart No. 1: K41 (NOS NW-25507) | NOS 39-17-02.000N | 076-36-24.500W |
| DELETE | Submerged Pile; Subm pile (Chart No. 1: K43.1) (NOS NW-25507) | NOS 39-16-42.300N | 076-35-50.800W |
| CHANGE | Curtis Bay Channel Range Front Light to FI G 2.5s, (Day/Night) 20FT at (Supercedes LNM 49/15) | CGD05 at 39-13-16.199N | 076-34-34.769W |
| CHANGE | Curtis Bay Channel Range Rear Light to Oc G 4s, 53FT at (Supercedes LNM 49/15) | CGD05 at 39-13-15.809N | 076-34-50.211W |
| ADD | Obstruction in Feet; 15 Obstn Chart No. 1: K41 (NOS NW-25507) | NOS 39-16-41.700N | 076-35-56.300W |
| ADD | Obstruction in Feet; 15 Obstn Chart No. 1: K41 (NOS NW-25507) | NOS 39-17-01.200N | 076-36-24.500W |
| ADD | Obstruction in Feet; 17 Obstn Chart No. 1: K41 (NOS NW-25507) | NOS 39-16-37.000N | 076-35-53.700W |
| ADD | Obstruction in Feet; 19 Obstn Chart No. 1: K41 (NOS NW-25507) | NOS 39-16-40.500N | 076-35-56.700W |

| | | | | |
|-----|-----------------------------------|-------------------------------------|----------------------|----------------|
| ADD | Obstruction in Feet; 22 Obstn | Chart No. 1: K41 (NOS NW-25507) | NOS 39-16-57.400N | 076-36-23.200W |
| ADD | Submerged Pile; Subm pile (11 ft) | (Chart No. 1: K43.1) (NOS NW-25507) | NOS 39-16-41.200N | 076-35-49.300W |
| ADD | Submerged Pile; Subm pile (12 ft) | (Chart No. 1: K43.1) (NOS NW-25507) | NOS 39-16-41.900N | 076-35-51.100W |

12284 **17th Ed.** **01-SEP-14** **Last LNM: 45/15** **NAD 83** **02/16**

ChartTitle: Patuxent River Solomons Island and Vicinity

Main Panel 643 PATUXENT RIVER SOLOMONS IS AND VICINITY. Page/Side: A

| | | | |
|--------|---|----------------------|----------------|
| DELETE | Cable Area H PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-25.470N | 076-29-01.090W |
| DELETE | Cable Area H PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-35.140N | 076-29-00.000W |
| ADD | Cable Area F PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-25.470N | 076-29-01.090W |
| ADD | Cable Area F PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-54.410N | 076-28-44.210W |
| ADD | Cable Area G PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-35.140N | 076-29-00.000W |
| ADD | Cable Area G PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-25442) | NOS 38-19-52.970N | 076-28-49.600W |

12326 **53rd Ed.** **01-JAN-16** **Last LNM: 46/15** **NAD 83** **02/16**

ChartTitle: Approaches to New York Fire Island Light to Sea Girt

Main Panel 690 APPROACHES TO NEW YORK FIRE ISLAND LIGHT TO SEA GIRT. Page/Side: A

| | | | |
|-------------|---|-----------|----|
| NEW EDITION | Scale 1: 80,000; New Edition (53 ed, 01/01/16) due to hydrographic changes, topographic changes This NOAA chart is now available in both the Print-on Demand and digital raster formats. See http://nauticalcharts.noaa.gov/mcd/dole.htm for details. | NOS -- | -- |
|-------------|---|-----------|----|

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

| | | |
|----------------------------|---------------------|-----------------|
| <u>Approved Project(s)</u> | <u>Project Date</u> | <u>Ref. LNM</u> |
| None | | |

Advance Notice(s)

NJ - COASTAL, HEREFORD INLET-DISCONTINUED AIDS TO NAVIGATION

On or about 15 February 2016, the Coast Guard will discontinue the below listed Aid to Navigation:
 Hereford Inlet Lighted Wreck Buoy WR2 (LLNR 91)
 The wreck buoy was previously set to mark the remains of a sunken sailing vessel. The sunken vessel is well clear of established navigational channel and in depths to shallow to establish an appropriate buoy marking.
 Charts Affected: 12200, 12214, 12316, 12318
 Charts: 12200 12214 12316 12318 LNM: 02/16

NJ/PA – UPPER DELAWARE RIVER-DISCONTINUED AIDS TO NAVIGATION

On or about 12 January 2016, the Coast Guard will permanently discontinue the below listed Aids to Navigation:
 Upper Delaware River Buoy 98 (LLNR 4310)
 Upper Delaware River Buoy 99 (LLNR 4315)
 Upper Delaware River Buoy 101 (LLNR 4320)
 Upper Delaware River Buoy 102 (LLNR 4325)
 Chart 12314 LNM: 02/16

DE/NJ- LOWER DELAWARE BAY-TANKER ANCHORAGE-CHANGE TO AIDS TO NAVIGATION

On or about 20 January 2016, the Coast Guard will make the below listed changes to aids to navigation in the Lower Delaware Bay/Tanker Anchorage:
 - Tanker Anchorage LB D (LLNR 2195) -change to Tanker Anchorage Buoy D, Unlighted Yellow Can
 - Tanker Anchorage Buoy G (LLNR 2210)-change to Tanker Anchorage Lighted Buoy G, Yellow Lighted Buoy, FL Y 6s.
 Chart 12304 LNM: 02/16

DE/NJ- LOWER DELAWARE BAY-BOMBAY POINT HOOK SHOAL - CHANGE TO AIDS TO NAVIGATION

On or about 20 January 2016, the Coast Guard will make the below listed changes to aids to navigation in the Lower Delaware Bay:

- Bombay Point Hook Shoal Buoy 5 (LLNR 2245) will be renumber to Bombay Point Hook Shoal Buoy 1.

Chart 12304

LNM: 02/16

DE/NJ- DELAWARE MAIN CHANNEL – LISTON RANGE REACH - CHANGE TO AIDS TO NAVIGATION

On or about 20 January 2016, the Coast Guard will make the below listed changes to aids to navigation in the Delaware Main Channel, Liston Range Reach:

-Liston Range Lighted Buoy 4L (LLNR 2455) – will be renamed/renumbered to Delaware Bay Main Channel Lighted Buoy 44.

-Liston Range Lighted Buoy 6L (LLNR 2460) – will be renamed/renumbered to Delaware Bay Main Channel Lighted Buoy 46.

-Liston Range Lighted Buoy 8L (LLNR 2470) – will be renamed/renumbered to Delaware Bay Main Channel Lighted Buoy 48.

-Liston Range Lighted Buoy 7L (LLNR 2465) – will be relocate to approximate position 39-26-19.580N 075-32-35.640W and changed to Delaware Bay Main Channel Lighted Buoy 49.

-Liston Range Buoy 10L (LLNR 2480) – will be discontinue.

Charts: 12304 12311

LNM: 02/16

DE/NJ- DELAWARE RIVER – BAKER RANGE REACH - CHANGE TO AIDS TO NAVIGATION

On or about 20 January 2016, the Coast Guard will make the below listed changes to aids to navigation in the Delaware River, Baker Range Reach:

-Baker Range Lighted Buoy 1B (LLNR 2485) – Will be renamed/renumbered to Delaware River Lighted Buoy 1DR.

-Baker Range Light 2B (LLNR 2490) – Will be renamed/renumbered to Delaware River Light 2.

-Baker Range Lighted Buoy 3B (LLNR 2515) – Will be renamed/renumbered to Delaware River Lighted Buoy 3.

-Baker Range Lighted Buoy 4B (LLNR 2520) – Will be renamed/renumbered to Delaware River Lighted Buoy 4.

Chart 12311

LNM: 02/16

DE/NJ- DELAWARE RIVER – REEDY ISLAND RANGE REACH - CHANGE TO AIDS TO NAVIGATION

On or about 20 January 2016, the Coast Guard will make the below listed changes to aids to navigation in the Delaware River, Baker Range Reach:

-Reedy Island Range Buoy 1R (LLNR 2570) – Will be renamed/renumbered to Delaware River Buoy 5.

-Reedy Island Range Lighted Buoy 2R (LLNR 2575) – Will be renamed/renumbered to Delaware River Lighted Buoy 6.

-Reedy Island Range Buoy 4R (LLNR 2595) – Will be renamed/renumbered to Delaware River Lighted Buoy 8, change aid to Lighted Buoy, and relocated to 39-30-35.730N 075-33-08.090.

-Reedy Island Range Lighted Buoy 5R (LLNR 2620) - Will be renamed/renumbered to Delaware River Lighted Buoy 9, and relocated to position 39-31-01.580N 075-33-11.690W.

-Reedy Island Range Lighted Wreck Buoy WR10 (LLNR 2635) – Will be renamed/renumbered to Delaware River Lighted Wreck Buoy WR10.

-Reedy Island Range Buoy 3R (LLNR 2600) – Discontinue

-Reedy Island Range Buoy 6R (LLNR 2625) - Discontinue.

Chart 12311

LNM: 02/16

VA- SEACOAST- CHANGE TO AIDS TO NAVIGATION

The Coast Guard Fifth District on or about January 11, 2016 will discontinue Great Gull Bank Lighted Buoy 4 (LL 220).

Charts: 12200 12211

LNM: 51/15

VA – JAMES RIVER CHANNEL LIGHT 74B (LLNR 12300)

On or about January 25, 2016 the Coast Guard will relocate James River Channel Light 74B from its present location on shore to a position approximately 800' west in the water. Proposed position is: 37-12-27.50N—77-00-33.10W.

Chart 12251

LNM: 02/16

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

| <u>Proposed Project(s)</u> | <u>Closing</u> | <u>Docket No.</u> | <u>Ref. LNM</u> |
|----------------------------|----------------|-------------------|-----------------|
| None | | | |

Proposed Change Notice(s)

COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES

Periodically, the Coast Guard, evaluates the system of aids to navigation to determine whether the conditions for which the aids to navigation

were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard, the Coast Guard is evaluating changes in aids to navigation as noted in the below articles. Users can provide feedback by filling out the District 5 Waterway Proposals data/feedback form, located at the NAVCEN D5 LNM website:
http://www.navcen.uscg.gov/pdf/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf
This section also includes Public Notices for proposed changes to the bridges within the Fifth Coast Guard with a request for comments as indicated.

LNM: 41/11

NJ/DE/PA, DELAWARE RIVER-DEEPWATER POINT RANGE REACH – CHANGES TO BUOYAGE NAMES AND NUMBERS AND DISCONTINUANCE OF (1) UNLIGHTED BUOY

Delaware River – Deepwater Point Range Reach - Renaming and renumbering Aids to Navigation and discontinuance of 1 Unlighted Buoy
As part of the Coast Guards proposals to change the naming convention and numbering of the lateral Aids to Navigation (buoys and lights) marking the Delaware River Main Channel, and changes to Aids to Navigation to support the 45ft deepening projects, the below listed changes are proposed. The new naming conventions and numbering will eliminate letter suffixes associated with reaches and ranges, as the Aids will be numbered sequentially for the entire length of the Delaware River Channel, similar to the naming conventions for the Lower Delaware Bay Aids and Upper Delaware River Aids.

Delaware River-Deepwater Point Range Reach aids:

- Deepwater Point Range Lighted Buoy 1D (LLNR 2920)-Change to Delaware River Lighted Buoy 21.
- Deepwater Point Range Lighted Buoy 2D (LLNR 2925)-Change to Delaware River Lighted Buoy 22.
- Deepwater Point Range Lighted Buoy 4D (LLNR 2945)-Change to Delaware River Lighted Buoy 24.
- Deepwater Point Range Lighted Buoy 5D (LLNR 2950) -Change to Delaware River Lighted Buoy 25.
- Deepwater Point Range Lighted Buoy 6D (LLNR 2955)-Change to Delaware River Lighted Buoy 26.
- New Castle Flats Buoy 29 (LLNR 2960)-Discontinue Aid.

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2015_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.

All comments will be carefully considered and are requested prior to 22 February 2016 to be considered in the analysis. Refer to project number 05-16-028(D) .

Send comments to michael.a.davis@uscg.mil or CGD5Waterways@uscg.mil, or

U.S. Coast Guard Fifth District
Waterways Management (dpw)
Attn: Michael Davis
431 Crawford Street
Portsmouth, VA 23704

Chart 12311

LNM: 02/16

NJ – COASTAL - HEREFORD INLET - DISCONTINUED AID TO NAVIGATION

The Coast Guard is proposing to discontinue Hereford Inlet Lighted Wreck Buoy WR2 (LLNR 91). Aid was established to mark sunken sailing vessel on north side of inlet. Due to shifting shoal wreck in now located nearly on the beach head well clear of navigational channel. The Coast Guard has requested NOAA to update charts with appropriate wreck symbol. Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S.

Coast Guard Fifth District Waterway Data Sheet, available online at

http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf. All comments will be carefully considered and are requested prior to 05 January 2016 to be considered in the analysis. Refer to project number 05-16-019(D).

Send comments to michael.a.davis@uscg.mil or CGD5Waterways@uscg.mil, or

U.S. Coast Guard Fifth District
Waterways Management (dpw)
Attn: Michael Davis
431 Crawford Street
Portsmouth, VA 23704

Charts: 12200 12214 12316 12318

LNM: 49/15

DC – ANACOSTIA RIVER – SEASONAL AIS SYNTHETIC AIDS TO NAVIGATION

The U.S. Coast Guard is proposing to add Seasonal, Dec 1. To Mar 15, AIS Synthetic ATON to Potomac River-Mattawoman Creek to Georgetown-Anacostia River:

Anacostia River Lighted Buoy 3 (LL 18735) 38 51 47.704—77 00 35.813

AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, shore stations, and aids to navigation (AIS ATON). AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, and status at least every three minutes or as needed.

Synthetic AIS ATON's signal can be received by any existing AIS mobile device, but they would require an external system for their portrayal (i.e., AIS message 21 capable ECDIS, ECS, radar, PC). How they are portrayed currently varies by manufacturer, but the future intention is for the portrayal to be in accordance with forthcoming International Standards (i.e., IEC 62288 (Ed. 2), IHO S-4 (Ed. 4.4.0)).

Mariners and other waterway stakeholders are encouraged providing feedback using the USCG Fifth District Waterway Data Sheet. Refer to Project Number 05-16-021. All comment will be carefully considered and are requested prior to January 4, 2016 to complete the process.

Comments on this proposal in writing, either personally or through their organization, may be sent to:

Commander (dpw)
Fifth Coast Guard District
431 Crawford Street, Rm.100

Portsmouth, VA. 23704
Or email to: CGD5Waterways@uscg.mil

Charts: 12285 12289

LNM: 50/15

VA – RAPPAHANNOCK RIVER – AIDS TO NAVIGATION CHANGE

Rappahannock River Entrance Light 9R needs to be relocated to better mark the waterway. The proposed position is: 37 36 20.340N—76 24 17.890W. Due to the deteriorated condition of the old caisson sheet-pile structure it will be change to a Warning Light until it can be removed. Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.

All comments will be carefully considered and are requested prior to February 8, 2016 to be considered in the analysis. Refer to project number 05-16-027(D)

Send comments to Albert.L.Grimes@uscg.mil or CGD5Waterways@uscg.mil, or mailed to
U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes

Chart 12235

LNM: 02/16

VA – RAPPAHANNOCK RIVER – QUEENS CREEK – REVISED PROPOSED CHANGES TO AIDS TO NAVIGATION MARKING QUEENS CREEK

After review of the Queens Creek Condition Survey provided by the Army Corp of Engineers Norfolk District on 30 Nov 2015, the Coast Guard is soliciting comments on the following changes to the aids to navigation system marking Queens Creek. This proposal supersedes the proposal published in LNM 47/15.

The Coast Guard is proposing the follow changes:

Change Queens Creek Warning Daybeacon A to Queens Creek Light 1 with a flashing 2.5 second light.

Discontinue and remove Queens Creek Warning Light, former Queens Creek Light 2.

Establish Queens Creek Buoy 2 in position: 37 29 23.680N—76 19 16.440W.

Establish Queens Creek Buoy 3 in position: 37 29 18.160N—76 19 21.260W.

Discontinue and remove Queens Creek Warning Daybeacon B, former Queens Creek DBN 4.

Discontinue and remove Queens Creek Warning Daybeacon C, former Queens Creek Light 5.

Establish Queens Creek Lighted Buoy 5 in position: 37 29 13.790N—76 19 26.350W with a flashing 4 second light.

Establish Queens Creek Buoy 6 in position: 37 29 14.230N—76 19 29.030W.

Establish Queens Creek Buoy 8 in position: 37 29 14.380N—76 19 40.030W.

Discontinue and remove Queens Creek Warning Daybeacon E, former Queens Creek DBN 8.

Rename/renumber Queens Creek Warning Daybeacon D to Queens Creek Daybeacon 9.

Discontinue and remove Queens Creek Warning Daybeacon F, former Queens Creek DBN 9.

Establish Queens Creek Buoy 10 in position: 37 29 12.420N—76 19 54.580W.

Rename/renumber Queens Creek Warning Daybeacon G to Queens Creek Daybeacon 11.

Rename/renumber Queens Creek Warning Daybeacon H to Queens Creek Daybeacon 12.

All buoys will be assigned an Ice Condition of ICE 3; removed when endangered by ice.

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at

http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.

All comments will be carefully considered and are requested prior to January 11, 2016 to be considered in the analysis. Refer to project number 05-16-018(D)

Send comments to Albert.L.Grimes@uscg.mil or CGD5Waterways@uscg.mil, or mailed to

U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street
Portsmouth, VA 23704
Attn: Albert Grimes, Room 100

Chart 12235

LNM: 51/15

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

VA - WILLOUGHBY BAY - THIMBLE SHOAL 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 Shoal Channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.

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

- An area of the Chesapeake Bay, adjacent to the Thimble Shoal Channel from Thimble Shoal 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 vessels, 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.

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.

Charts: 12200 12205 12221 12222 12245 12254

LNM: 01/16

VA -YORK RIVER - U.S. NAVAL WEAPONS STATION - CHEATHAM ANNEX - SMALL ARMS LIVE FIRE DANGER ZONE

A Danger zone has been established within an area beginning at Mean High Water on the shore at the U.S. Naval Weapons Station, Cheatham Annex facility on the York River, located at 37-17-33.10N, 076-36-19.06W; then northeast to a point on the York River at 37-18-36.650N, 076-34-39.010"W, thence south, southeast to 37-18- 59.37N, 076-34-13.65W; then southwest to a point on the shore located at 37-17-26.750N, 076-36-14.890W. Vessels may transit this area at any time, however, no vessel shall anchor, fish or conduct any waterborne activities within the Danger Zone established in accordance with this regulation any time live firing exercises are being conducted. Any time live firing is being conducted a red flag will be displayed in a conspicuous location along the shore to signify the range is active. At night, red lights will be displayed.

Chart 12241

LNM: 01/16

VA - COASTAL - U.S. NAVAL BASE DAM NECK, VIRGINIA BEACH - SMALL ARMS RANGE LIVE FIRE SCHEDULE

All vessel operators are reminded to review Navigation Regulations as described in paragraph 334.380 of Chapter 2, of U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (45th) Edition when operating south of the entrance to the Chesapeake Bay, off the Dam Neck Naval Firing Range. When firing is in progress during daylight hours, red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit. The U.S. Naval Base Dam Neck Live Fire Range will be active during periods advertised by Broadcast Notice to Mariners.

Charts: 12203 12205 12207 12221

LNM: 01/16

VA - COASTAL - STATE MILITARY RESERVATION, CAMP PENDLETON, VIRGINIA BEACH - SMALL ARMS LIVE FIRE SCHEDULE

The Camp Pendleton State Military Reservation Live Fire Small Arms Range described as all of the waters seaward of the mean high water shore line within a sector between radial lines extending 13,500 yards seaward and bearing 070 degrees true and 150 degrees true, respectively, from a point on shore at 36- 48- 58.3N, 075- 57- 59.0W. All vessel operators are reminded to review Navigation Regulations as described in paragraph 334.380 of Chapter 2, of U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (45th) Edition when operating south of the entrance to the Chesapeake Bay. Firing will take place only during daylight hours and red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit.

Charts: 12203 12205 12207 12221

LNM: 01/16

VA - VIRGINIA CAPES OPERATING AREA (VCOA) - PERMANENT MINE WARFARE TRAINING FIELDS ESTABLISHMENT

The U.S. Navy has established four permanent mine warfare training fields within the Virginia Capes Operating Areas. The Bounding coordinates for each field are as follow:
AREA A: 37-09.0N 075-31.0W, 37-09.0N 075-34.7W, 37-12.0N 075-34.7W.
AREA B: 36-29.0N 075-31.8W, 36-29.0N 075-35.5W, 36-26.0N 075-35.5W, 36-26.0N 075-31.8W.
AREA C: 36-29.0N 075-20.8W, 36-29.0N 075-24.5W, 36-26.0N 075-24.5W, 36-29.0N 075-20.8W.
AREA D: 36-46.5N 075-47.8W, 36-46.5N 075-46.5W, 36-47.5N 075-46.5W, 36-47.5N 075-47.8W.
Each area contains inert bottom and moored training mines that pose a potential hazard to dredging operations and trawler nets. All moored mines will be placed at a minimum of 40 feet depth (MLLW) to preclude them as hazards to navigation. The scheduled implant dates for the minefields are 05-09 December, 2014.

Chart 12200

LNM: 01/16

VA – APPROACHES TO CHESAPEAKE BAY – HYDROPHONE DEPLOYMENT

The U.S. Navy has deployed four hydrophones in DANGER AREA 334.390 (W-50). The Hydrophones are located in the following approximate positions: 36-49.0N 075-52.7W, 36-49.0N 075-52.6W, 36-48.9N 075-52.5W, AND 36-48.8N 075-52.5W. The Hydrophones are moored at a depth of approximately 25 feet below the water surface, and they pose a hazard to trawler nets. The Hydrophones will be deployed for an indefinite amount of time for the purposes of collecting data in support of a U.S. Navy environmental impact survey of marine mammals in the Virginia Beach Coast Areas.

LNM: 07/15

NC - NEW RIVER - FIRING EXERCISES

1. The Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune (MCIE-MCB CamLej), 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 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 periods and times stated below. Firing will be up to 15 nautical miles seaward. Vessels are 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 to four hours during the below times. Range Control Boats, MCIE-MCB CamLej North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). Range Control can be reached by phone at 910-451-3064 or 4449.

2. The restricted areas in the Atlantic Ocean East of the New River Inlet as shown on National Ocean Service Chart 11543, will be closed to navigation because of firing exercises during the following periods:

Atlantic Coast Sector Live Fire Operations

8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)

8:00 a.m. to 10:00 pm Daily (Stinger Missiles and ranges)

Atlantic Coast Sector Non-Live fire operations

12:01 a.m. to Midnight Daily (USS Ship-Maneuvering)

3. The restricted areas in the New River, as shown on National Ocean Service Chart 11542, that WILL be closed to navigation because of Stone Bay Rifle Range firing exercises during the following periods:

Stone Creek Sector 12:01 a.m. to Midnight – daily

Stone Bay Sector 12:01 a.m. to Midnight – daily

West of the 77 (deg) 26(min) longitude line.

The restricted areas that MAY be closed to navigation because of firing exercises during the following periods:

Traps Bay Sector 12:01 a.m. to Midnight – daily

Courthouse Bay Sector 12:01 a.m. to Midnight – daily

Stone Bay Sector 12:01 a.m. to Midnight – daily

East of the 77 (deg) 26 (min) longitude line.

Grey Point Sector 12:01 a.m. to Midnight – daily

Farnell Bay Sector Sunrise to Sunset – daily

Morgans Bay Sector Sunrise to Sunset – daily

Jacksonville Sector Sunrise to Sunset – daily

4. The Target Bombing Area N1/BT-3 Impact Area in the Atlantic Ocean East of the New River Inlet as shown on National Ocean Service Chart 11543, may be closed to navigation because of firing exercises during the following periods:

N1/BT-3 Live Fire Operations:

8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)

8:00 a.m. to 10:00 pm Daily (Stinger Missile and ranges)

N1/BT-3 Non-Live Fire Operations:

12:01 a.m. to Midnight Daily (USS Ship-Maneuvering)

5. Atlantic Intracoastal Waterway, Inland Waters in the Browns Island Inlet area between Bear Creek and Onslow Beach, may be closed for firing exercises during the following periods:

Live Fire Operations:

8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)

8:00 a.m. to 10:00 pm Daily (Ranges)

Non-Live Fire Operations:

12:01 a.m. to Midnight Daily (Boat-Maneuvering)

6. Ship operations consisting of landing craft, amphibious vehicles, and helicopters may be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 a.m. to Midnight – daily. Range Control Boats, MCIE-MCB CamLej North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). Range Control can be reached by phone at 910-451-3064 or 4449.

7. Due to unexploded ordnance on Browns Island and in the adjacent waterways and marsh areas, Browns Island is off limits to all unauthorized personnel. Vessels may transit the surrounding waters, however no vessel shall bottom fish or anchor.

Charts: 11541 11542 11543

LNM: 01/16

DREDGING AND MARINE CONSTRUCTION CAUTIONS

Mariners are cautioned to stay clear of dredge, booster, floating (pontoon) and submerged pipelines, barges, derricks and operating wires associated with dredging and marine construction operations. Operators of vessels of all types should be aware that dredges and floating pipelines are held in place by cables, attached to anchors some distance away from the equipment. Buoys are attached to the anchors so that the anchors may be moved as the dredge advances and the location of the submerged pipelines are marked by buoys on each side of the channel. Mariners are cautioned to strictly comply with the Inland Rules of the Road when approaching, passing and leaving the area of operations, and remain a safe distance away from the dredge, booster, buoys, cables, pipeline, barges, derricks, wires and related equipment. Dredging projects are usually conducted twenty-four (24) hours a day seven (7) days a week. All fishnets, crabpots and structures in the general area must be removed prior to commencement of any work. A NO WAKE transit is requested of all vessels passing the dredge and if necessary to clarify a SAFE PASSAGE contact the dredge on the appropriate VHF-FM channels.

DREDGING AND MARINE CONSTRUCTION CAUTIONS

LNM: 01/16

PA – SCHUYLKILL RIVER – PHILADELPHIA – BRIDGE MAINTENANCE

Mariners are advised that an engineering firm, on behalf of the City of Philadelphia, PA, will be performing maintenance and repair of the Falls Bridge over the Schuylkill River, at river mile 12.1, in Philadelphia, PA. The maintenance and repair involves repair of select under deck structural steel over the bridge piers with no equipment or material protrusion into the navigational span of the bridge. The maintenance will be conducted from February 1, 2016 until March 31, 2016, between 7 a.m. and 4 p.m. daily. Mariners should use caution when transiting the area.

LNM: 02/16

PA – HAWK RUN – DGPS SITE UNUSABLE TIME

DGPS unusable time is approved for Hawk Run, PA DGPS site for tower maintenance. Unusable time authorized for the following date/time:

PRIMARY: 24 JAN 2016 1200Z - 2200Z (0700 - 1700 EST)

ALTERNATE: 25 JAN 2016 1200Z - 2200Z (0700 - 1700 EST)

LNM: 02/16

PA/NJ - WILMINGTON TO PHILADELPHIA - DELAWARE RIVER MAIN CHANNEL MARCUS HOOK - HAZARD TO NAVIGATION

A USACE survey conducted on 21DEC2015 has identified a cylinder shaped object within the channel boundaries approximately 150 feet east of the centerline in position 39-48-15.1N, 075-25-02.3W. The object is located between the charted positions of Marcus Hook Range Lighted Buoy 6M (3160) and Marcus Hook Range Lighted Buoy 9M (3210) in a depth of approximately 32.4 feet at MLLW. Mariners should use extreme caution when transiting the area.

Chart 12312

LNM: 51/15

PA/NJ – PHILADELPHIA AND CAMDEN WATERFRONTS – EAGLE POINT – ANCHORAGE 10 REGULATIONS

The Coast Guard proposes to amend the geographic coordinates and modify the regulated use of anchorage “10” in the Delaware River in the vicinity of the Navy Yard in Philadelphia, Pennsylvania. The proposed change would alter the size and use of the anchorage, reducing the anchorage in size and allowing the anchorage to be used as a general anchorage in the Delaware River. Comments and related material must be received by the Coast Guard on or before February 4, 2016. You may submit comments using docket number USCG–2015–0825 at the Federal eRulemaking Portal at <http://www.regulations.gov>. See the “Public Participation and Request for Comments” portion of the SUPPLEMENTARY INFORMATION section for further instructions on submitting comments.

Chart 12313

LNM: 02/16

PA/DE – DELAWARE RIVER - MARCUS HOOK RANGE - CHESTER RANGE - EDDYSTONE RANGE –SAFETY ZONE

The Coast Guard will be enforcing a safety zone within the waters of the Delaware River, from Marcus Hook, Pennsylvania north to Eddystone, Pennsylvania, beginning December 04, 2015 until March 15, 2016. The safety zone will cover all navigable waters in the Delaware River within 500 yards of vessels and machinery conducting rock blasting, dredging, and rock removal operations. This zone is intended to protect personnel, vessels, and the marine environment in these navigable waters while operations are being conducted. Entry into, transiting, or anchoring within the safety zone is prohibited unless authorized by the Captain of the Port (COTP), Delaware Bay, or his designated representative. One side of the Delaware River main navigational channel will be closed in locations spanning from Marcus Hook, Pennsylvania to Eddystone, Pennsylvania, in the vicinity of the rock blasting, rock removal, and dredging operation, for the duration of the project. Vessels wishing to transit the safety zone in the main navigational channel may do so if they can make satisfactory passing arrangements with the drill boat APACHE, dredge TEXAS, or dredge NEW YORK, in accordance with the Navigational Rules in 33 Code of Federal Regulations Subchapter E via VHF-FM Channel 13 at least 30 minutes prior to arrival. If vessels are unable to make satisfactory passing arrangements with the drill boat APACHE, dredge TEXAS, or dredge NEW YORK, they may request permission from the COTP or his designated representative on VHF-FM channel 16. All vessels must operate at the minimum safe speed necessary to maintain steerage and reduce wake. During this project rock blasting will be conducted, via explosive detonations, by the drill boat APACHE at approximately 9 am and 4 pm, daily. No vessels may transit through the safety zone during times of explosives detonation. During rock blasting operations, vessels will be required to maintain a 500 yard distance from the drill boat APACHE. The drill boat APACHE will make broadcasts, via VHF-FM Channel 13 and 16, at 15 minutes, 5 minutes, and 1 minute prior to detonation, as well as a countdown to detonation via VHF-FM 16. After every explosive detonation a survey will be conducted to ensure the navigational channel is clear for vessels to transit. The drill boat APACHE will make broadcasts, via VHF-FM channel 13 and 16, confirming when the channel is clear to transit. Vessels requesting to transit through the safety zone shall proceed as directed by the designated representative of the Captain of the Port and shall contact the drill boat APACHE on VHF-FM channel 13 for safe passing information. If you have any questions regarding the contents of this bulletin, please contact the Waterways Management staff at (215) 271-4814 or the Situation Unit Controller at (215) 271-4807

Chart 12312

LNM: 49/15

NJ – GREAT EGG INLET OT TOWNSENDS INLET – DREDGING

Great Lakes Dredge & Dock Company is currently conducting dredging operations from Corson's Inlet borrow area located directly northeast of the north end of Strathmere and southeast of the south end of Peck Beach. Dredged material will be hydraulically placed via a submerged pipeline on the north end of Strathmere, middle section of Sea Island City and south end of Peck Beach. The cutter suction dredge ILLINOIS is scheduled to complete work approximately by 15 April, 2016. Additional vessels expected to be on scene are the tender tug RE ENTERKIN, hydrographic survey vessel MUSKEGON RIVER, derrick tender tug ATLANTIC DAWN, anchor barge tender tug's CAVALIER STATE and NORTH STAR STATE. Operations are expected to take place 24 hours a day, 7 days a week and all vessels will monitor VHF Channels 13 & 16. Mariners are urged to use caution when transiting the area.

LNM: 01/16

MD – SUSQUEHANNA RIVER – CONOWINGO RESERVOIR – CONSTRUCTION

Old Dominion Electric Corporation will commence construction of the Wildcat Point Generation Facility water intake/discharge infrastructure within the Conowingo Reservoir starting on 18 January, 2016, with construction expected to last approximately 9 months. The water intake/discharge

MD – SUSQUEHANNA RIVER – CONOWINGO RESERVOIR – CONSTRUCTION

infrastructure is located immediately south of the existing Chester Water Authority (CWA) water withdrawal facility on the east shore of the reservoir about 0.5 miles south of Peach Bottom, PA. The intake screens will be located approximately 600 feet from the shoreline and will be connected to the pump house by two parallel 24-inch diameter pipelines that will be buried in the bottom of the Conowingo Reservoir. Each pipeline will serve three screens. The water depth at the intended location of the intake is 12.1 feet when the Conowingo Reservoir is at normal pool elevation 109.2 feet above sea level. The screens will extend three feet above the bottom of the Reservoir. As such, the top of the intake screens will be 5.1 feet below the normal low water surface elevation of 105.2 feet above sea level. Construction activities will include installation of cofferdams, pipelines, intake screen foundations and discharge pipe foundation. Various barges, with dump trucks, concrete trucks and small crane will be on scene for the duration of the construction. Mariners are requested to use caution when transiting in the vicinity of the construction site.

Chart 12274

LNM: 02/16

MD - CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR - PATAPSCO RIVER – Security Zone

Mariners are advised that the Coast Guard has established a temporary security zone encompassing certain waters of the Patapsco River at Baltimore, MD during January 13-15, 2016. The security zone includes all waters of the Patapsco River, shoreward of a line drawn from a position at Inner Harbor Pier 6 at latitude 39°16'58.2"N, longitude 076°36'16.27"W, southeasterly to a position at Harbor East Marina at latitude 39°16'52.8"N, longitude 076°36'09.6"W, located in Baltimore, MD (positions reference North American Datum 1983). The security zone will be enforced from 3 p.m. on January 13, 2016 through 3 p.m. on January 15, 2016. Entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port (COTP) Baltimore. Public vessels and vessels already at berth, mooring, or anchor at the time the security zone is implemented do not have to depart the zone. All vessels underway within this security zone at the time it is implemented are to depart the zone. Persons desiring to transit the area of the security zone must first obtain authorization from the COTP Baltimore or his designated representative. To seek permission to transit the area, the COTP Baltimore and his designated representatives can be contacted at telephone number 410-576-2693 or on Marine Band Radio, VHF-FM channel 16. The Coast Guard vessels enforcing this section can be contacted on Marine Band Radio, VHF-FM channel 16. Upon being hailed by a U.S. Coast Guard vessel, or other Federal, State, or local agency vessel, by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed. If permission is granted, all persons and vessels must comply with the instructions of the COTP Baltimore or his designated representative and proceed at the minimum speed necessary to maintain a safe course while within the zone. The U.S. Coast Guard may be assisted in the patrol and enforcement of the zone by Federal, State, and local agencies. Chart 12281.

Chart 12281

LNM: 02/16

MD – APPROACHES TO BALTIMORE HARBOR – MIDDLE RIVER – NEW PRIVATE AIDS TO NAVIGATION

On or about January 18, 2016, Lockheed Martin will be establishing three yellow unlit buoys to mark a discharge pipe outfall being installed immediately adjacent to Martin State Airport. The three buoys will be placed approximately 10 feet from each other. Frog Mortar Creek Outfall Special Buoys A, B, and C in approximate position 39 19 32.646N, 76 24 25.142W, Private aid, Y.

Chart 12278

LNM: 52/15

MD – SEVERN AND MAGOTHY RIVERS – CONSTRUCTION OPERATIONS

Marine construction operations are scheduled to occur in the Severn River from 04 January, 2016 to 01 April, 2016 during daylight hours. The stone revetment project is located in approximate position 38-59-35.1N 076-28-52.4W and will include work boats and material barges on site. Concerned mariners may contact the Central Marine Construction Vessel PUSHERMAN on VHF Channels 13 & 16. Mariners are urged to use caution when transiting the area.

LNM: 01/16

MD – PATUXENT RIVER – SOLOMONS ISLAND & VICINITY - BRIDGE INSPECTION

Mariners are advised that an engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the Route 4 (Thomas Johnson Memorial Bridge) over Patuxent River, at river mile 4.0, at California, MD. The inspections will be conducted for three days between December 21, 2015 and January 15, 2016; from 7 a.m. to 5 p.m. A 25-foot work boat will be operating in the vicinity of the bridge performing inspections of the channel, fenders, dolphins and lower portions of the concrete support piers. The work boat may be reached on VHF-FM channel 13, (302) 250-6073 and (443) 807-3793. Following inspections, the work boat will transit across the waterway in the vicinity of the bridge spans to perform a hydrographic survey. Mariners should use caution when transiting the area.

Chart 12284

LNM: 51/15

MD – HAGERSTOWN – DGPS SITE UNUSABLE TIME

DGPS unusable time is approved for Hagerstown, MD DGPS site for preventive maintenance. Unusable time authorized for the following date/time:
PRIMARY: 22 JAN 2016 1200Z - 2200Z (0700-1700 EST)
ALTERNATE: 23 JAN 2016 1200Z - 2200Z (0700-1700 EST)

LNM: 02/16

MD – ANNAPOLIS DGPS SITE UNUSABLE TIME

DGPS unusable time is approved for Annapolis, MD DGPS site for preventive maintenance. Unusable time authorized for the following date/time:
PRIMARY: 20 JAN 2016 1200Z - 2200Z (0700 - 1700 EST)
ALTERNATE: 21 JAN 2016 1200Z - 2200Z (0700 - 1700 EST)

LNM: 02/16

MD/VA - LOWER CEDAR POINT TO MATTAWOMAN CREEK - UPPER POTOMAC RIVER

The National Oceanic and Atmospheric Administration (NOAA) Office of National Marine Sanctuaries is seeking comment

MD/VA - LOWER CEDAR POINT TO MATTAWOMAN CREEK - UPPER POTOMAC RIVER

on the proposed Mallows Bay - Potomac River National Marine Sanctuary by January 15, 2016. Mallows Bay – Potomac River is a 14 square mile area of the tidal Potomac River adjacent to Charles County, Maryland. It was nominated as a national marine sanctuary through the Sanctuary Nomination Process with broad community support. The area encompasses historic shipwrecks of national significance that merit the additional management authority of the National Marine Sanctuaries Act. Nearly 200 known vessels span from the Revolutionary War through the present, and include the remains of the largest "Ghost Fleet" of World War I wooden steamships built for the U.S. Emergency Fleet, which are listed on the National Register of Historic Places. The geographic bounds of the proposed sanctuary run approximately bank-to-bank from Brent Point (Aquia Creek in Virginia) in the south to Sandy Point (Maryland) in the north. On October 7, 2015, NOAA issued in the Federal Register a "Notice Of Intent To Conduct Scoping, Hold Public Scoping Meetings And To Prepare A Draft Environmental Impact Statement And Management Plan" on the proposed sanctuary requesting stakeholder input. Interested Mariners and other stakeholders are strongly encouraged to review the proposed sanctuary and comment on the potential impacts this proposal could have on navigational safety by January 15, 2016.

To find out more about the proposed sanctuary, visit: <http://sanctuaries.noaa.gov/mallows-bay/>

The link to the Federal Register Notice is provided from the website above in the "Additional Resources" section. You may also find it at:

<https://www.federalregister.gov/articles/2015/10/07/2015-25510/notice-of-intent-to-conduct-scoping-and-to-prepare-a-draft-environmental-impact-statement-for-the>

To provide comment, please visit: <http://www.regulations.gov/#!docketDetail;D=NOAA-NOS-2015-0111>

Chart 12288

LNM: 51/15

MD/DC – COLUMBIA ISLAND MARINA – MARINE CONSTRUCTION

Columbia Island Marina will begin replacement of 9 pilings located in the marina inside the Pentagon Lagoon on the Potomac River during the week of 11 January, 2015 with a completion date expected on or about 31 January, 2015.

The pusher tugboat ROSALIA, along with the crane barge INGA will be onscene with work hours expected to take place

Monday through Friday 7:00 am to 5:00 pm. Tug ROSALIA will be monitoring VHF Channels 13 & 16.

Chart 12285

LNM: 02/16

MD – CHESAPEAKE BAY – SMITH POINT TO COVE POINT – BRIDGE INSPECTION

Mariners are advised that an engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections and testing at the US 13 (Business) (Market Street) Bridge over Pocomoke River, at river mile 15.6, at Pocomoke City, MD. The inspections and testing will be conducted from January 18, 2016 until January 22, 2016; from 8 a.m. to 5 p.m. Inspection personnel and equipment will relocate from the moveable span to allow for safe vessel passage through the bridge. Mariners should use caution when transiting the area.

Chart 12230

LNM: 52/15

MD – CHESAPEAKE BAY – EASTERN BAY - SHORELINE IMPROVEMENT PROJECT

Mariners are advised that a shoreline improvement project is scheduled to occur in Eastern bay from February 8, 2016 through March 30, 2016.

The project includes the construction of a stone jetty with sand fill and will be located along the eastern shoreline of Eastern Bay, just north of the mouth of the Wye River, in approximate position latitude 38°51'40.5"N, longitude 076°13'08.0"W. The material will be delivered to the site by barge. Interested mariners may contact the Central

Marine Construction, Inc. tender "PUSHERMAN" on marine band radio channel 16 VHF/FM.

Chart 12270

LNM: 02/16

MD - CHESAPEAKE BAY - EASTERN BAY AND SOUTH RIVER - WYE RIVER

Marine construction operations are scheduled to occur in the Wye East River from 08 Jan 2016 to 28 Feb 2016 during daylight hours. The stone revetment project is located along the southern shoreline in approx posit 38-52-51.4N, 076-08-15.2W and will include work boats and material barges on site. Mariners are urged to use caution when transiting the area, and may contact the central marine construction vessel PUSHERMAN via marine band radio VHF-FM Channels 16 and 13.

LNM: 02/16

VA – RAPPAHANNOCK RIVER – AIDS TO NAVIGATION DEMOLITION

Mariners are advised that DAL construction, LLC will commence demolition of Rappahannock River Light 32 (LLNR 15625) on or about 18 January, 2016 with operations expected to take place for one week to remove the structure and place a temporary lighted buoy in its place until a more permanent floating aid to navigation can be established. Tug boats CINDIEE J or MARK AARON will be onscene with the barge mounted crane MANITOWOC 3900. Diving operations are also expected to take place with work hours during daylight only Monday – Friday. Concerned mariners may contact Erica McNeil at 757-223-4606 or 757-873-3488. All vessels will monitor VHF Channels 13 & 16.

Chart 12237

LNM: 02/16

VA – JAMESTOWN ISLAND TO JORDAN POINT – DREDGING

Cottrell Contracting Corporation of Chesapeake VA, advises the dredge MARION will be conducting dredging operations within James River between James River Channel Lighted Buoy 57 (LLNR 12200) and James River Channel Lighted Buoy 66 (LLNR 12250) from 18 December, 2015 through 25 January, 2016. Operations are expected to take place 24 hours a day, 7 days a week and dredge may be contacted on VHF Channels 13 & 16.

Chart 12251

LNM: 51/15

VA – DRIVER – DGPS SITE UNUSABLE TIME APPROVAL

The DGPS site located in Driver, VA will be unusable due to preventive maintenance during the following dates and times: PRIMARY DATE 18JAN2016 1200Z – 2200Z 0700 – 1700 EST, SECONDARY DATE 19JAN16 1200Z – 2200Z 0700 – 1700 EST.

LNM: 52/15

VA – CHESAPEAKE BAY – NEWPORT NEWS CHANNEL – DREDGING

The dredge ROCKBRIDGE of Cottrell Contracting Corporation of Chesapeake, VA, is currently conducting dredging operations in the vicinity of Newport News Channel Lighted Buoy 2 (LLNR 10840) and Newport News Channel Lighted Buoy 14 (LLNR 10890). Operations will take place 24 hours a day 7 days a week through 01 February, 2016 and the dredge may be contacted on VHF Channels 13 & 16. Mariners are urged to use caution when transiting this area.

Chart 12245

LNM: 52/15

VA – HAMPTON ROADS – BRIDGE IMPROVEMENTS

Earley Marine Incorporation will begin construction improvements to the bridge on Virginia Route 143 (Settler's Landing Road) over the Hampton River (City of Hampton – 0.4 miles west of Interstate I-64 within the next 30 days. The construction improvements consist of concrete pile repair to the bridge substructure via barge and work skiff. The construction improvements will occur beyond the limits of, and eastward of the navigational channel. Hours of operation will take place Monday through Saturday 7:00 am to 5:00 pm.

Chart 12254

LNM: 02/16

VA – CHESAPEAKE BAY – HAMPTON ROADS BRIDGE TUNNEL – FIBER OPTIC CABLE INSTALLATION

Mariners are advised that Precon Marine, Inc will be performing an underwater fiber optic cable installation project across the Hampton Roads Bridge Tunnel Channel from Fort Monroe, VA. to Willoughby Spit, VA. in a route parallel to the Hampton Roads Bridge approximately 1000 feet on the east side of the bridge and Fort Wool. The work period is scheduled to be performed starting January 9th, 2016 and ending by February 14th, 2016. Equipment on-site will be the Tug DOTTI J, a crew boat Bay Surveyor, 30' x 90' material barge and a 60' X 200' crane barge. The work scope of this project also includes periodic Dive Operations at which the required dive notifications will be displayed. The Tug DOTTI J and Crew boat Bay Surveyor will monitor and answer VHF-FM channels 13 and 16 and will issue hourly security calls regarding the operations of this project. This project will require a partial and full closure of the main shipping channel between the hours of 05:00 to 17:00 on January 13th, 2016. Partial closure will be from 05:00 to 09:00 allowing traffic to transit the South side of the channel; full closure will be from 09:00 to 13:00 and then a partial closure from 13:00 to 17:00 allowing traffic to transit the North side of the channel. This channel closure is pending final approval by the Commander, Fifth Coast Guard District. Mariners should use extreme caution and maintain a no wake speed when transiting this work area.

Chart 12245

LNM: 51/15

VA – CHESAPEAKE BAY – LITTLE CREEK INLET – DEMOLITION AND REPAIR WORK

The U.S. Navy is currently conducting demolition and repair work to the ramp adjacent to and East of the entrance jetty to Joint Expeditionary Base Little Creek, VA. Mariners are requested to remain well clear of this area during demolition and repair work. Work is expected to continue until November 2016.

Chart 12254

LNM: 52/15

VA – CHESAPEAKE BAY – ELIZABETH RIVER SOUTHERN BRANCH – DREDGING

Cottrell Contracting is currently conducting dredging operations within Norfolk Harbor and Craney Island Reach until 31 January, 2016. Dredging operations are expected to take place 24 hours a day, 7 days a week with work crews monitoring VHF Channels 13 & 16. Vessel traffic is requested to exercise caution when transiting in the vicinity of the dredge.

Chart 12253

LNM: 52/15

NC - ATLANTIC INTRACOASTAL WATERWAY (AICW) - SHOALING CONDITIONS - UPDATED

Mariners are advised that shoaling conditions exist at AICW Mile Markers 237, 271, 280 and 321 in North Carolina. Severe shoaling has restricted the federal channel depths and horizontal clearances of the AICW in the following locations:

AICW MM 237 - Browns Inlet Intersection in the vicinity of Bogue Sound – New River Buoy 61A (LLNR 39223) - 200 yard shoal extending into the federal channel with depths varying from <1' to 5' at mean low water - Approximate position is 34°35'49.20"N, 077°14'30.80"W to 34°35'52.70"N, 077°14'26.90"W

AICW MM 271 - Howards Creek Intersection in the vicinity of New River – Cape Fear River Buoy 99A (LLNR 39548) - 350 yard shoal extending into the federal channel with depths varying from <2' to 5' at mean low water - Approximate position is 34°21'18.00"N, 077°40'53.00"W to 34°21'13.00"N, 077°41'02.00"W

AICW MM 280 - Masons Inlet Intersection in the vicinity of New River – Cape Fear River Buoy 121 (LLNR 39597) - 250 yard shoal extending into the federal channel with depths varying from <1' to 4' at mean low water - Approximate position is 34°14'52.70"N, 077°46'58.40"W to 34°15'00.00"N, 077°46'51.60"W

AICW MM 321 - Lockwoods Folly Inlet Intersection in the vicinity of Cape Fear River – Little River Buoy 47 (LLNR 40225) - 250 yard shoal extending into the federal channel with depths varying from <1' to 5' at mean low water - Approximate position is 33°55'14.80"N, 078°14'10.60"W to 34°55'15.50"N, 078°13'58.80"W

Mariners are urged to transit at their slowest safe speed and proceed with caution when navigating in these areas. Shoaling conditions increase the potential for groundings. Any grounding of a vessel poses a significant risk to injury to those onboard and a risk of substantial damage to a vessel. There have been and continue to be groundings in these identified locations.

It is highly recommended that all mariners conduct proper pre-voyage planning when intending to transit these areas and do so at the high tide, in daylight hours, ensure vessel drafts are adequate to transit the AICW and do not attempt to overtake or meet other vessels in these hazardous areas.

These areas are subject to continual and sometimes rapid environmental changes. Mariners are highly encouraged to obtain the most recent U.S.

NC - ATLANTIC INTRACOASTAL WATERWAY (AICW) - SHOALING CONDITIONS - UPDATED

Army Corps of Engineers Wilmington, North Carolina District hydrographic survey information, centerline waypoints and controlling depth at: <http://www.saw.usace.army.mil/Missions/Navigation/HydrographicSurveys/AIWW.aspx>

Some aids to navigation on the AICW may not be charted and may be marking best water outside of the federal channel due to continually shifting shoals. Consult Local Notice to Mariners, 5th Coast Guard District for the latest positions and status of aids to navigation at: <http://www.navcen.uscg.gov/?pageName=InmDistrict®ion=5>

The U.S. Coast Guard will continue to monitor the conditions of AICW and update mariners as necessary. To report any aids to navigation discrepancies or hazards to navigation, please contact the Sector North Carolina Command Center at (910) 343-2200.

Charts: 11534 11541 11542

LNM: 51/15

NC – ATLANTIC INTRACOASTAL WATERWAY (AICW) – NEUSE RIVER TO MYRTLE GROVE SOUND – NEW RIVER-CAPE FEAR RIVER – BRIDGE RESTRICTIONS

To accommodate the 2016 Quintiles Wrightsville Beach Half and Full Marathons, mariners are advised that the S.R. 74 Bridge, across AICW mile 283.1, at Wrightsville Beach, NC will remain in the closed position to vessels requiring an opening from 5 a.m. through 10 a.m., on Sunday, March 20, 2016. Mariners able to pass under the closed span (20 feet above MHW) may do so, and should adjust their transits accordingly.

Chart 11541

LNM: 02/16

NC – CAROLINA BEACH INLET – SHOALING

Mariners are advised that an area of shoaling has been reported in the vicinity of Carolina Beach Inlet between buoys 1 (LLNR 30265) through 6 (LLNR 30290). The report indicated shoaling of 2.0 feet at mean low water. Mariners are urged to use caution when transiting this area.

Chart 11534

LNM: 52/15

NC – ATLANTIC OCEAN - CAROLINA BEACH - DREDGING - UPDATED

Mariners are advised that Marinex Construction is continuing beach nourishment at Carolina Beach and Kure Beach, NC until April 30, 2016. The Dredge SAVANNAH, assisted by the Tugs NA HOKU, SEGA and CAPTAIN RIO will be actively working in two borrow sites. The borrow sites are in Carolina Beach Inlet, south of the federal channel and the second site is approximately 1.5 nautical miles off shore of the Carolina Beach Ocean Blvd Public Beach access. Mariners are advised that approximately 16000 feet of pipeline will be submerged along the north end of Carolina Beach and marked with hazard buoys from the borrow sites to the beach nourishment sites. Staging equipment will be placed on the west site of Masonboro Inlet and Snow's Cut, adjacent to the USACE dock. Mariners are urged to transit these areas with caution and may reach the Marinex work crews on VHF Channels 13 and 16, and working Channel 66a.

Chart 11534

LNM: 02/16

SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|---|---------------------------------|-----------------------|---------------|--------------|------------------------------------|----------------|
| 14770 | Milford Haven Warning Daybeacon A | 37-29-23.126N 076-19-02.154W | | | | NW on pile worded DANGER SHOAL. | 02/16 |
| | * | * | * | * | * | * | * |
| 14773 | Milford Haven Lighted Buoy 3 | 37-29-23.822N 076-19-03.599W | Q G | | 4 | Green. | 02/16 |
| | * | * | * | * | * | * | * |
| 14775 | Milford Haven Warning Daybeacon B | 37-29-20.738N 076-18-58.352W | | | | NW on pile worded DANGER SHOAL. | 02/16 |
| | * | * | * | * | * | * | * |
| 14776 | Milford Haven Buoy 3A | 37-29-20.038N 076-19-00.713W | | | | Green can. | 02/16 |
| | * | * | * | * | * | * | * |
| 14777 | Milford Haven Buoy 3B | 37-29-19.396N 076-18-53.903W | | | | Green can. | 02/16 |
| | * | * | * | * | * | * | * |
| 23395 | Goose Creek Channel Entrance Lighted Buoy 1 | 38-05-40.442N 075-52-19.116W | FI G 2.5s | | 4 | Green. | 02/16 |
| | | | * | | | | |

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosures

1. Summary of Bridge Regulations/Construction/Permits.
2. Summary of Dredging.
3. Summary of Marine Events.
4. Summary of Coast Guard Sector North Carolina shoaling/waterway projects.
5. Summary of Coast Guard Sector Hampton Roads shoaling/waterway projects.

SUMMARY OF D5 BRIDGE PERMITS/REGULATIONS/CONSTRUCTION

(Yellow indicates new item)

CURRENT PROJECTS

Permits:

SECTOR BALTIMORE

- **Maryland** - None
- **Washington DC**
Anacostia River – Frederick Douglass Memorial/South Capitol Street (swing) Bridge – District of Columbia Department of Transportation is proposing to replace the existing drawbridge with a new fixed bridge at essentially the same location. The replacement project will modify the existing vertical and horizontal clearance of the bridge. Presently, in the closed position to vessels, the charted vertical clearance of the existing swing-type bridge is 40 feet above MHW, with unlimited vertical clearance in the full open position. The existing horizontal clearance is two channels of 149 feet each. The proposed replacement will be a fixed bridge that will provide a vertical clearance of 42 feet above MHW with a proposed horizontal clearance of 150 feet.
- **Virginia (Northern)**
Potomac River – US 301/Harry W. Nice Memorial (fixed) Bridge Crossing - Study underway to consider rehabilitation or replacement of existing bridge. Draft FONSI has been released. MDTA is developing Navigation Evaluation to propose navigational clearances.

SECTOR DELAWARE BAY

- **Delaware** - None
- **New Jersey (Central & Southern)**
Raccoon Creek – US 130 (fixed) Bridge - proposed new fixed bridge structure to replace (lift) bridge. Permit 2-15-5 signed December 9, 2015.
- **Pennsylvania** - None

SECTOR HAMPTON ROADS

Virginia (Southern)

AICW – Elizabeth River Southern Branch – I-64/High Rise Bridge – VDOT has proposed a fixed bridge with a minimum vertical clearance of 100 feet above mean high water, while maintaining the existing 125-foot horizontal clearance. The information gathered as a result of this preliminary public notice will assist the U.S. Coast Guard in determining adequate minimum vertical and horizontal clearances for the proposed crossing of the Southern Branch of the Elizabeth River. It is requested that mariners and adjacent property owners express their views from a navigational standpoint, in writing, on the proposed project giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to this project. Comments will be received for the record at the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 through January 4, 2016. The Preliminary Public Notice may be accessed at: <http://www.navcen.uscg.gov/?pageName=pnBridges&Active=1®ion=5>

SECTOR NORTH CAROLINA

- **North Carolina**
Oregon Inlet – Bonner (fixed) Bridge – Bridge Permit transmitted to NCDOT on August 12, 2015. Pre-construction meeting held on December 9, 2015 at Coastal Studies Institute; 850 NC-345, Wanchese, NC 27981.

Regulations:

SECTOR BALTIMORE

- **Maryland** – None
- **Washington, DC & Virginia (Northern)** – None

SECTOR DELAWARE BAY

- **Delaware** – None
- **New Jersey (Central & Southern)**
NJICW – Barnegat Bay – SR37 (vertical-lift) Bridge – The CG is temporarily modifying the drawbridge operating schedule between December 1, 2015 and March 31, 2018. Over the span of two and half years, the drawbridge will be closed to navigation for three four-month closure periods in the winter months. Extensive replacement of parts and repairs to the bridge necessitate these closures.
- **Pennsylvania** – None

SECTOR HAMPTON ROADS

Virginia (Southern)

Black Narrows & Lewis Creek Channel – SR 175 (basculer) Bridge – Test regulation and Public Notice 5-1340 was issued; comment period ended October 2, 2014. The deviation tested a change for the drawbridge operation schedule to determine whether a permanent change to the schedule was needed to open on demand. Final Rule to be published in Federal Register.

SECTOR NORTH CAROLINA

- **North Carolina** - None

Construction, et al:

SECTOR BALTIMORE

- **Maryland**
Susquehanna River – US 40 & I-95/Hayden & Tydings (fixed) Bridges – Foundation and substructure repairs are in progress through 2016.
Susquehanna River – I-95 Millard E Tydings Memorial (fixed) Bridge – Cleaning, painting, and repairs are in progress through August 2017. During daylight hours Monday through Saturday a barge and crew boat will be working in various locations near the structure and a debris shield will be secured to the lower truss member

throughout the bridge but will not affect navigational clearances.

Curtis Creek – I-695 Baltimore Beltway (fixed portions) Bridge – Painting work is scheduled to continue through the fall of 2016. To facilitate the work, a platform will reduce the available vertical clearance outside the channel to 49 feet above MHW.

Potomac River – Arlington Memorial Bridge - Mariners are advised that emergency concrete and steel repairs will be conducted from August 17, 2015 until February 2, 2016. Work will be completed from a barge anchored in and around the navigable channel and will be relocated outside the channel during non-working hours. The bridge has a vertical clearance of 30 feet at MHW and a horizontal clearance of 142 feet when unobstructed. Mariners should exercise extreme caution when transiting the area.

Choptank River – MD 331/Dover (fixed) Bridge – CG Bridge Permit signed by CGHQ on 16 SEP 2014. Maryland State Highway Administration is constructing a new fixed single-span concrete bridge, adjacent to the existing swing bridge to be completed in March 2016. The existing swing bridge will be retained for historic purposes and placed in the open position to navigation. The new bridge will have a vertical clearance of 48.5 feet above mean high water (MHW) and a horizontal clearance with two separate 80-foot channels between face of pilings.

Pocomoke River - US 13 (Business) (Market Street) Bridge -Inspections and testing will be conducted from January 18, 2016 until January 22, 2016; from 8 a.m. to 5 p.m. Inspection personnel and equipment will relocate from the moveable span to allow for safe vessel passage through the bridge. Mariners should use caution when transiting the area.

Patuxent River - Route 4 (Thomas Johnson Memorial Bridge) - Inspections will be conducted for three days between December 21, 2015 and January 15, 2016; from 7 a.m. to 5 p.m. A 25-foot work boat will be operating in the vicinity of the bridge performing inspections of the channel, fenders, dolphins and lower portions of the concrete support piers. The work boat may be reached on VHF-FM channel 13, (302) 250-6073 and (443) 807-3793. Following inspections, the work boat will transit across the waterway in the vicinity of the bridge spans to perform a hydrographic survey. Mariners should use caution when transiting the area.

- **Washington DC –**

Potomac River – Arlington Memorial Bridge - Mariners are advised that emergency concrete and steel repairs will be conducted from August 17, 2015 until February 2, 2016. Work will be completed from a barge anchored in and around the navigable channel and will be relocated outside the channel during non-working hours. The bridge has a vertical clearance of 30 feet at MHW and a horizontal clearance of 142 feet when unobstructed. Mariners should exercise extreme caution when transiting the area.

Potomac River - Francis Scott Key (fixed) Bridge - DDOT has completed a design for rehabilitation. This work commenced in May 2015 and is scheduled to continue for two years. Most of the work has to do with repairing cracks on the concrete arches, floor beams, piers and abutments, and repairing some deterioration of the underside of the bridge deck.

Washington Channel – Francis Case Bridge - Scaffolding will be installed on the bridge from December 5, 2015 until April 15, 2016. The charted vertical clearance of the bridge is 18 feet above mean high water and the scaffolding will restrict the vertical clearance by 4 feet, leaving a vertical clearance of 14 feet available. Red quick flashing lights will be installed every 10 feet to mark the edge of the scaffolding. Mariners should exercise extreme caution when transiting the area.

Virginia (Northern) - None

SECTOR DELAWARE BAY

- **Delaware - None**
- **New Jersey (Central & Southern)**

Delaware River – Commodore Barry (fixed) Bridge – To facilitate painting, work will continue until March 2016. Work platforms will be installed 3 feet beneath the bridge in various locations reducing the vertical clearance to 178 ft. above mean high water at the edge of the navigable channel (187 ft. center of channel). Mariners should exercise caution.

Drag Channel & Great Egg Harbor Bay (GEHB) – Garden State Parkway (fixed) Bridges - Marine work consisting of several activities including but not limited to test pile installation, temporary cofferdam construction, pier substructure construction, superstructure erection and demolition are in progress through December 31, 2015 for the replacement of the existing southbound bridges. **Confirmation of project completion pending.** In addition to replacing the southbound causeway, the project includes the demolition of the remaining portions of the Beesely's Point Bridge (US Route 9 over GEHB and Drag Channel). Daily hours of construction operations are Monday through Saturday from 7 a.m. to 5 p.m. with a second shift and 24-hour operations scheduled for specific activities. It is anticipated that closure or reduced horizontal clearance of the navigational channels will be required.

ICW – Manahawkin Bay – State Route 72 (fixed) Bridges – Construction work will continue from December 2015 through February 2016 in the vicinity of the existing and new Route 72 Bridges. The existing navigation channel will remain clear during the project except from December 10, 2015 until December 24, 2015 when the channel width will be restricted by 30 feet for a lighted work barge. The bridge will have a 55 feet vertical clearance above mean high water (MHW) over the navigational channel and a 100 feet horizontal clearance between fender systems when complete. The construction operations will include removal of work trestles, fender installation, and lighting installation. Tugboats and barges will be used and will monitor VHF Channel 13 in the event that mariners need to contact the contractor. Mariners should use extreme caution when transiting the area.

Nacote Creek – Old New York Road (fixed) Bridge – Priority repair operations will take place from 01 October 2015 through April 2016 from barges in and near the channel with the ability to move away from the channel when requested.

Oldmans Creek – US 130 Bridge – Bridge repairs will be performed from November 1, 2015 through March 31, 2016. Wedges, pier repair, floor beam work, counter-weight support work, and cleaning and painting will be completed. We are advising mariners to use extreme caution when transiting the area.

Delaware River - Interstate 276/Delaware River Turnpike Bridge - Repainting and miscellaneous improvements will be performed from mid-November 2015 through December 31, 2017. All work on the bridge superstructure will be performed 7 am to 7 pm during the week and 6 am to 6 pm on the weekends. The overhead work will never occupy more than 55% of the channel and will reduce the vertical clearance by 5 ft. The construction company can be contacted at 856-429-3400. Mariners should use extreme caution when transiting the area.

Mantua Creek - Conrail Railroad Bridge -- Construction on the new tower span vertical-lift drawbridge has been extended through April 2016. The bridge will remain closed to maritime traffic on Mantua Creek until construction is complete. The new bridge will have vertical clearances of 2 feet in the closed position and 25 feet in the open position and a horizontal clearance of 44 feet on a skewed channel between the pile bents.

Pennsylvania –

Delaware River – Walt Whitman Bridge (I-76) - Painting of the suspension spans and towers will be conducted from October 19, 2015 to March 31, 2018, between 7 a.m. and 5 p.m. daily. A work platform extending 3 feet beneath the lower portion of the bridge will be installed over the entire length of the bridge. The vertical clearance of the bridge will be reduced by 3 feet to approximately 136 feet above MHW. Mariners should use caution when transiting the area.

Delaware River - Interstate 276/Delaware River Turnpike Bridge - Repainting and miscellaneous improvements will be performed from mid-November 2015 through December 31, 2017. All work on the bridge superstructure will be performed 7 am to 7 pm during the week and 6 am to 6 pm on the weekends. The overhead work will never occupy more than 55% of the channel and will reduce the vertical clearance by 5 ft. The construction company can be contacted at 856-429-3400. Mariners should use extreme caution when transiting the area.

SECTOR HAMPTON ROADS

- ***Virginia (Southern)***

AICW – Elizabeth River Southern Branch – Dominion Blvd Replacement (fixed) Bridge Project – Contractors have installed the permanent beam and construction continues through March 2017. The fixed height is at 95 feet above MHW. The old steel (basculer) bridge spans have been completely removed.

Lynnhaven Inlet – US 60/John A. Lesner (fixed) Bridge – Work is in progress through June 2017 for a new replacement bridge at essentially the same location. The new bridge will have a vertical clearance of 45 feet above MHW, along with a horizontal clearance of 150 feet between face of the fenders. A dredge material placement site will be located southwest of the existing bridge, adjacent to the boat ramp facility and used as a staging area. The contractor will access the lay down and staging area via the waterway through a proposed temporary bulkhead.

Mattox Creek – Route 205/James Monroe Highway (fixed) Bridge – Work is in progress through July 1, 2016 to complete demolition and replacement the existing fixed highway bridge, with a new two-lane fixed highway bridge on the same alignment. The new bridge will have a vertical clearance of 4.7 feet above mean high water, along with a horizontal clearance of 49.5 feet between piles.

SECTOR NORTH CAROLINA

- ***North Carolina***

Gallants (Beaufort) Channel – US 70/Grayden Paul (fixed) Bridge – Work is in progress through May 31, 2017 for construction of a high-level fixed bridge relocated between Radio Island and Michael J Field in Carteret County. When completed, the new high-level fixed bridge will have a vertical clearance of 65 feet above MWH, along with a horizontal clearance of 100 feet between pile bents. The construction operation will include in-water work involving pile driving, concrete placement, girder setting, and concrete deck installation with post tensioning. Tugboats and barges will be used and will monitor VHF channel 13 in the event that mariners need to contact the contractor. Waterway closures are being planned.

Cape Fear River – Wilmington Bypass (fixed) Bridge – Construction of new highway bridge in Brunswick and New Hanover Counties, NC. When completed, the Cape Fear River Bridge will have a vertical clearance of 64 feet at mean high water and a horizontal clearance of 160 feet. Work barges and structures will be located along the sides of the waterway through December 2016. The channel shall remain open to navigation.

AICW - Alternate Route - Pasquotank River – US 158 Replacement Bridge Project – a temporary work pier will be installed on the southwest side of the eastbound US 158 drawbridge. The temporary platform will not be in the navigational channel and the drawbridge will be fully operational. The temporary pier will be in place throughout the replacement bridge project until December 30, 2015. **Project extended beyond December 30, 2015; new completion date to be determined.**

FUTURE PROJECTS:

Permits/Construction:

- ***Maryland***
Potomac River - Theodore Roosevelt (fixed) Bridge - DDOT is conducting an investigation and assessment of the bridge, which will be completed winter of 2015. They'll assess structural condition, needs for extended life cycle, and safety compliance improvements. Then will do a design analysis of alternatives with construction in the future (no date given).
- ***Washington, DC*** –
Anacostia River – 11th Street Bridge Park – Proposed fixed pedestrian bridge park to be built on retained substructure of old 11th Street Bridge.
- ***Virginia (Northern)*** - None
- ***Delaware*** – None
- ***New Jersey (Central & Southern)*** – None

- **Pennsylvania** – None
- **Virginia (Southern)** – None
- **North Carolina**
 - Mid-Currituck Sound (fixed) Bridge – Proposed new fixed structure in final review of the design.
 - Perquimans River – US 17 business (fixed) Bridge – Proposed new fixed bridge structure to replace (swing) bridge in final review of the design and environmental package.
 - Alligator River – US 64 (fixed) Bridge Proposed new fixed bridge structure to replace (swing) bridge in final review of the design and environmental package.
 - Atlantic Intracoastal Waterway – SR 50 Sears Landing Surf City (fixed) Bridge Proposed new fixed bridge structure to replace (swing) bridge in final review of the design and environmental package.
 - Cape Fear River – Wilmington bypass south (fixed) Bridge Proposed new fixed bridge structure in review of the design and environmental package.
 - Straits Waterway - Harkers Island Bridge – Proposed new fixed bridge structure to replace existing swing span bridge (Bridge No. 73). Draft Vessel Height Survey Report in review.

Regulations:

- **Maryland** – None
- **Washington, DC** – None
- **Virginia (Northern)** – None
- **Delaware** – None
- **New Jersey (Central & Southern)** – None
- **Pennsylvania** –
 - Delaware River – Conrail Railroad Bridge (Delair, NJ) – Remote Operation Test Deviation. Coast Guard currently evaluating incorporation of AIS into the bridge remote operations system.
- **Virginia (Southern)** – None
- **North Carolina** – None

SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS CURRENTLY IN PROGRESS

PA/NJ - Delaware River - Sturgeon Trawling Operations (Chart 12312)

Mariners are advised that F/V AMY MARINE conducting trawling operations to capture and relocate sturgeon at various locations within the Marcus Hook, Chester, Eddystone, and Tinicum Ranges of the Delaware River main navigation channel ending on or about **March 15, 2016**. Ref LNM 49/15

NJ – Delaware Bay – Delaware River – Oldmans Creek (Chart 12312)

Mariners are advised that repairs will be performed from November 1, 2015 through **March 31, 2016** at the US130 Bridge across Oldmans Creek, at mile 3.1, in Oldmans Township, Nortonville, NJ. (Ref LNM 46/15)

NJ – Gravens Thorofare- Cornell Harbor, Pennsylvania Harbor, Sterbeck Harbor, And Princeton Harbor - Dredging

Dredging operations will be conducted in Gravens Thorofare in Avalon, NJ within the following reaches: Princeton Harbor, Sterbeck Harbor, Pennsylvania Harbor, and Cornell Harbor until **31 January, 2015**. Ref LNM 36/15

NJ – Barnegat Inlet To Little Egg Inlet Long Beach Sound – Beachfill Operations (Charts 12323, 12318)

PADRE ISLAND, DODGE ISLAND, and LIBERTY ISLAND conducting beach fill operations along the Atlantic Ocean coastline from Beach Haven to Loveladies until **April, 2016**. Ref LNM 16/15

NJ - Great Egg Harbor Inlet – Dredging (Chart 12318)

Mariners are advised that the dredge ILLINOIS is conducting dredging operations in Great Egg Harbor Inlet until **January 30, 2016**. Ref LNM 48/15

NJ – Great Egg Harbor Inlet – Dredging Operations (Chart 12316)

Great Lakes Dredge and Dock Company will be conducting beach nourishment at Great Egg and Peck Beach, Ocean City, NJ until **30 January, 2016**. Ref LNM 40/15

NJ – Great Egg Inlet Ot Townsends Inlet – Dredging

Great Lakes Dredge & Dock Company dredge ILLINOIS is currently conducting dredging operations from Corson's Inlet borrow area located directly northeast of the north end of Strahmere and southeast of the south end of Peck Beach. Work is expected to be completed by approximately by **15 April, 2016**. Ref LNM 01/16

NJ – New Jersey Intracoastal Waterway (NJICW) – Avalon – Dredging (Chart 12316)

Mariners are advised that Barnegat Bay Dredging; dredge FULLERTON will be conducting dredging operations in Avalon, NJ in the NJICW, between channel marker Buoy 386 and 399, from December 2, 2015 to **March 15, 2016**. Ref LNM 49/15

NJ – Intracoastal Waterway – Sandy Hook To Little Egg Harbor – Barnegat Bay – Bridge Maintenance (Chart 12324)

On the Thomas Mathis Bridge (SR37), at mile 14.1, over the Barnegat Bay are scheduled between **15 July 2015 and 31 May 2018**. Ref LNM 28/15

NJ - Intracoastal Waterway (ICW) – Manasquan River To Cape May Canal – Manahawkin Bay – Bridge Construction (Chart 12324)

Mariners are advised that construction work by Schiavone Construction Company will continue from December, 2015 through **February 2016** in the vicinity of the existing and new Route 72 Bridges over Manahawkin Bay, at NJICW mile 37.4, in Ship Bottom, Ocean County, NJ. Ref LNM 49/15

NJ- Great Egg Harbor Inlet – Dredging (Chart 12318)

Mariners are advised that the dredge ILLINOIS will be conducting dredging operations in Great Egg Harbor inlet until **30 January, 2016**. Ref LNM 42/15

DE/NJ – Delaware Bay - Dredging

Mariners are advised that Weeks Marine vessels B.E. LINDHOLM and R.N. WEEKS are currently conducting dredging operations in Delaware Bay, near Lewes, DE until **April, 2016**. Ref LNM 21/15, LNM 45/15

DE – Delaware Bay – Prime Hook – Dredging Operations (Chart 12304)

Mariners are advised that the dredge CHARLESTON will be conducting dredging operations in Delaware River, in Prime Hook, Delaware from September 25, 2015 until **15 March, 2016**. Ref LNM 38/15

NJ – Mantua Creek – Construction (Chart 12312)

Construction on the Conrail Railroad E. Jefferson Street Bridge over the Mantua Creek in Paulsboro, NJ will continue until **April, 2016**. Ref LNM 42/15

NJ/PA – Delaware River – Upper Delaware – Rancocas Creek – Emergency Drawbridge Repairs (Chart 12314)

Mariners are advised that the SR#38 Swing Bridge (Centerton Bridge CR 635), at mile 7.8, across Rancocas Creek, in Centerton, NJ will be closed to vessels requiring an opening **until further notice**. Ref LNM 19/15

PA – Delaware River – Philadelphia And Camden Waterfronts – Bridge Maintenance (Chart 12213)

Painting of the suspension spans and towers at the Walt Whitman Bridge (I-76) across the Delaware River, mile 96.8, Philadelphia, PA, until **31 March, 2018**. Ref LNM 42/15

PA – Schuylkill River – Philadelphia – Bridge Maintenance 2.1

Mariners are advised that an engineering firm, on behalf of the City of Philadelphia, PA, will be performing maintenance and repair of the Falls Bridge over the Schuylkill River, at river mile 12.1, in Philadelphia, PA from February 1, 2016 until **March 31, 2016**, between 7 a.m. and 4 p.m. daily. Ref LNM 02/16

NJ/PA - (Wilmington To Philadelphia) - Delaware River – Bridge Painting (Chart 12312)

Bridge painting on the Commodore Barry Bridge, at mile 81.4, across the Delaware River, between Bridgeport NJ and Chester, PA, through **March 2016**. Ref LNM 08/15

NJ – Delaware River – Paulsboro – Concrete Wharf Construction (Chart 12312)

Weeks Marine constructing a new 850 foot wide concrete wharf structure on the Delaware River at the Paulsboro Marine Terminal, Paulsboro, New Jersey until **January 2016**. Ref: LNM 42/14

DE - Indian River – Dredging Operations

Mariners are advised that dredging operations will be conducted in Indian River, near Millsboro, DE through **01 April, 2016**. Ref LNM 42/15

MD – Susquehanna River – Conowingo Reservoir – Construction (Chart 12274)

Old Dominion Electric Corporation will commence construction of the Wildcat Point Generation Facility water intake/discharge infrastructure within the Conowingo Reservoir starting on 18 January, 2016, with construction expected to last approximately **30 September**. Ref LNM 02/16

MD – Chesapeake Bay – Approaches To Baltimore Harbor – Baltimore Harbor – Marine Construction Project (Chart 12281)

Pier rebuilding project at Dundalk Marine Terminal Berth 4 in Baltimore, MD until **July 2016**. Ref. LNM 30/14

MD – Chesapeake Bay – Baltimore Harbor – Marine Construction (Chart 12273)

Marine pile driving and commercial diving operations are scheduled to occur in Baltimore Harbor, at various locations along the terminal bulkhead at Dundalk Marine Terminal in Baltimore, MD, through **31 January, 2016**. Ref LNM 28/15

MD - Chesapeake Bay - Susquehanna River - Bridge Repairs (Chart 12274)

Blastech Enterprises, will be conducting repairs, cleaning, and painting on the Millard E. Tydings Memorial Bridge on I-95, at mile 3.2, over Susquehanna River in Havre De Grace, MD, from April 15, 2015 through **15 August, 2016**. Ref LNM 11/15

MD – Severn And Magothy Rivers – Construction Operations

Marine construction operations are scheduled to occur in the Severn River from 04 January, 2016 to **01 April, 2016** during daylight hours. The stone revetment project is located in approximate position 38-59-35.1N 076-28-52.4W and will include work boats and material barges on site. Ref LNM 01/16

MD – Chesapeake Bay – South River – Pocomoke Creek – Dredging Operations (Chart 12270)

Mariners are advised that dredging operations are scheduled to occur in Pocomoke Creek from October 26, 2015 until **15 February, 2016**. Ref LNM 42/15

MD – Chesapeake Bay – Eastern Bay - Shoreline Improvement Project

Mariners are advised that a shoreline improvement project is scheduled to occur in Eastern bay from February 8, 2016 through **March 30, 2016**. Ref LNM 02/16

MD - Chesapeake Bay - Eastern Bay And South River - Wye River

Marine construction operations are scheduled to occur in the Wye East River from 08 Jan 2016 to **28 Feb 2016** during daylight hours. The stone revetment project is located along the southern shoreline in approx posit 38-52-51.4N, 076-08-15.2W and will include work boats and material barges on site. Mariners may contact the central marine construction vessel PUSHHERMAN via marine band radio VHF-FM Channels 16 and 13. Ref LNM 02/16

MD – Chesapeake Bay – Eastern Bay & South River – South River – Directional Drilling Operation (Chart 12270)

Mariners are advised that horizontal directional drilling operations are scheduled to occur under the South River until **15 February, 2016**. Ref LNM 44/15

MD – Chesapeake Bay – South River – Church Creek – Dredging operations (Chart 12270)

Mariners are advised that dredging operations are scheduled to occur in Church Creek from October 26, 2015 until **15 February, 2016**. Ref LNM 42/15

MD – Chesapeake Bay – Severn River – Spa Creek – Annapolis Harbor – Marine Construction Project (Chart 12282,12283)

Mariners are advised that a bulkhead replacement project is scheduled to occur in Annapolis Harbor from October 26, 2015 through **25 April, 2016**. Ref LNM 41/15

MD/DC – Anacostia River – Washington D.C. – Marina Construction (Chart 12285)

Bellingham Marine has commenced construction of multiple docking facilities for the Yards Marina on the Anacostia River, in Washington D.C, near Yards Park. Construction is expected to be completed sometime in **May of 2016**. Ref LNM 37/15

DC – Upper Potomac River/Washington Channel (Chart 12289)

Dockside demolition/bulkhead repair until **December, 2020**. Ref: LNM 12/14

MD – Chesapeake Bay – Potomac River – Emergency Bridge Repairs (Chart 12285)

Emergency concrete and steel repairs be being conducted on the Arlington Memorial Bridge, at mile 110.0, across the Potomac River in Washington, DC from 17 Aug 2015 until **02 February 2016**. Ref LNM 31/15, Updated in LNM 32/15

VA/MD – Potomac River – Lower Cedar Point To Mattawoman Creek– Drilling Operations (Chart 12288)

Mariners are advised that marine drilling operations for core samples are scheduled to occur in the Potomac River from September 14, 2015 through **15 January, 2016**. Ref LNM 34/15

DC – Potomac River – Washington Channel – Bridge Maintenance (Chart 12289)

Mariners are advised that scaffolding will be installed at the Francis Case Bridge, at mile 0.0, across Washington Channel in Washington, DC from 05 Dec 2015 until **15 April 2016**. Ref LNM 48/15

MD – Choptank River Route 331 Dover Road – Bridge Replacement (Chart 12268)

Mclean Contracting Corporation will commence construction a new bridge just south of the existing Dover Road Route 331 Bridge until **November 2017**. Ref LNM 39/14

VA – James River/Newport News Shipbuilding Waterfront (Chart 12248)

Dredging – Dredge MOBRO 112 – **Until further notice**. Ref: LNM 14/14.

VA – James River – Foundation Repairs To Power Distribution Towers (Chart 12248)

Mariners are advised that Precon Marine Construction, Inc. Tug SAVANNAH/ELLIE LEE are currently conducting foundation repairs to the power distribution towers crossing the James River. The work period is scheduled to be completed in **February/March 2016**. Ref LNM 25/15

VA – Chesapeake Bay – James River – Tylers Beach – Dredging (Chart 12248)

Salmons Inc, dredge barge is currently conducting dredging operations in the James River, Tyler's Beach in Isle of Wight County, VA. Dredging operations will take place during daylight hours Monday through Saturday with a completion date of **17 January 2016**. Ref LNM 48/15

VA – Jamestown Island To Jordan Point – Dredging (Chart 12251)

Cottrell Contracting Corporation of Chesapeake VA, advises the dredge MARION will be conducting dredging operations within James River between James River Channel Lighted Buoy 57 (LLNR 12200) and James River Channel Lighted Buoy 66 (LLNR 12250) from 18 December, 2015 through **25 January, 2016**. Ref LNM 51/15

VA – James River – Newport News – Demolition and Pier Repairs Updated (Chart 12248)

Crofton Diving Corporation currently conducting demolition and repair operations to the James River Fishing Pier until **28 August, 2016**. Ref LNM 27/15, 37/15

VA – Hampton Roads – Bridge Improvements

Earley Marine Incorporation will begin construction improvements the bridge on Virginia Route 143 (Settler's Landing Road) over the Hampton River (City of Hampton – 0.4 miles west of Interstate I-64 within the next 30 days with a completion date of **April, 2016**. Ref LNM 02/16

VA – Chesapeake Bay – Hampton Roads Bridge Tunnel – Fiber Optic Cable Installation (Chart 12245)

Precon Marine, Inc Tug DOTTI J, will be performing an underwater fiber optic cable installation project across the Hampton Roads Bridge Tunnel Channel from Fort Monroe, VA. to Willoughby Spit, VA. in a route parallel to the Hampton Roads Bridge approximately 1000 feet on the east side of the bridge and Fort Wool. The work period is scheduled to be performed starting January 9th, 2016 and ending by **February 14th, 2016**. Ref LNM 51/15

VA – Chesapeake Bay – Newport News Channel – Dredging (Chart 12245)

The dredge ROCKBRIDGE of Cottrell Contracting Corporation of Chesapeake, VA, is currently conducting dredging operations in the vicinity of Newport News Channel Lighted Buoy 2 (LLNR 10840) and Newport News Channel Lighted Buoy 14 (LLNR 10890), through **01 February, 2016**. Ref LNM 52/15

VA – Naval Weapons Station – Cheatham Annex – Dredging Operations (Chart 12245)

The dredge MOBRO 12 beginning 15 November 2015 until **15 February, 2016** will be conducting dredging operations at Cheatham Annex, Pier CAD. Ref LNM 45/15

VA – Chesapeake Bay – Norfolk Harbor – Dredging (Chart 12253)

Cottrell Contracting Corporation of Chesapeake, VA dredge LEXINGTON will be conducting dredging operations in various locations within the Norfolk Harbor Federal Channel from 12 December, 2015 through **01 June, 2016**. Ref LNM 49/15

VA – Lynnhaven River – Western Branch – Dredging Operations (Chart 12254)

Carolina Marine Structures Inc are currently conducting dredging operations within the Lynnhaven River – Western Branch and Old Donation Creek. Dredging operations are expected to be completed sometime in **April, 2016**. Ref LNM 06/15

VA – Chesapeake Bay – Elizabeth River – Midtown Tunnel Construction (Chart 12253)

SKW Constructors construction operations of new Midtown Tunnel, channel restrictions, temporary buoys established, barge traffic. **Until further notice**. Ref LNM 33/14, 33/15

VA – Chesapeake Bay – Little Creek Inlet – Demolition And Repair Work (Chart 12254)

The U.S. Navy is currently conducting demolition and repair work to the ramp adjacent to and East of the entrance jetty to Joint Expeditionary Base Little Creek, VA., until **November 2016**. Ref LNM 52/15

VA – Chesapeake Bay – Elizabeth River Southern Branch – Dredging (Chart 12253)

Cottrell Contracting conducting dredging operations within Norfolk Harbor and Craney Island Reach until **31 January, 2016**. Ref LNM 52/15.

VA - Chesapeake Bay - Southern Branch Elizabeth River – Marina Construction (Chart 12253)

Hodges and Hodges Enterprises constructing a small community six slip marina with pavilion on the Elizabeth River a half mile north of the Great Bridge Locks until **January 15, 2016**. Ref LNM 47/15

VA – Chesapeake Bay – Elizabeth River Southern Branch – Pier Rehabilitation Operations (Chart 12206)

The Mclean Contracting Company is currently engaged in a pier rehabilitation operation with a crane and barge at the Chesapeake VA, Roanoke Cement Facility on the Southern Branch of Elizabeth River. Operations are expected to be completed on **31 January, 2016**. Ref LNM 40/15

VA – Atlantic Intracoastal Waterway (AICW) – Norfolk Harbor to Albemarle Sound (Chart 12253)

Dominion Steel Bridge (Rt.17) Replacement - Construction ongoing until **February, 2017**. Ref: LNM 07/13.

NC – Oregon Inlet, NC - Oregon Inlet Channel - Dredging (Chart 12205)

Mariners are advised that the Army Corps of Engineers dredge MURDEN and dredge CURRITUCK will be conducting dredging operations in the vicinity of the Oregon Inlet Channel at Oregon Inlet, NC from December 2, 2015 until **January 15, 2016**. Ref LNM 49/15

NC – Hatteras Inlet - Dredging (Chart 11555)

Mariners are advised that the Dredge CAROLINA will be conducting operations starting on November 15, 2015 through **January 29, 2016**. Ref LNM 46/15

NC - Perquimans River - Hertford - NC - Bridge Construction (Chart 12205)

Construction repairs to the fender system on the Route 17 Bridge crossing the Perquimans River in Hertford, NC. The repairs are to the fender system and anticipated to take place between January 4, 2016 and **August 30, 2016**. Ref LNM 49/15

NC – Morehead City – Construction (Chart 11541)

Precon Marine will be conducting repair and replacement work to the fendering system on the North and East piers at PCS Barge Docks in Morehead City. Work will consist of small sectional barges moored to the pier with equipment and personnel working during daylight hours. Work period will be from November 19, 2015 to **April 1, 2016**. Ref LNM 46/15

NC – Atlantic Ocean – Carolina Beach - Dredging

Mariners are advised that Marinex Construction Dredge SAVANNAH will be conducting beach nourishment at Carolina Beach near the Ocean Blvd Public Beach access until **April 30, 2016**. Ref LNM 50/15

NC – Atlantic Ocean - Carolina Beach - Dredging - Updated (Chart 11534)

Mariners are advised that Marinex Construction is continuing beach nourishment at Carolina Beach and Kure Beach, NC until **April 30, 2016**. The Dredge SAVANNAH, assisted by the Tugs NA HOKU, SEGA and CAPTAIN RIO will be actively working in two borrow sites. Ref LNM 02/16

NC – Cape Fear River – Bridge Construction (Chart 11537)

A new highway bridge on the Wilmington Bypass, over the Cape Fear River, mile 35.5, in Brunswick and New Hanover Counties, NC, through **December 2016**. Ref: LNM 49/14, 31/15, 37/15, 46/15, 48/15

NC – Cape Fear River - Dredging (Chart 11537)

Mariners are advised that starting on November 18, 2015 the Dredge BRUNSWICK will commence dredging via a submerged pipeline on the Cape Fear River in Wilmington, North Carolina. Dredging will be conducted between the Cape Fear Memorial Bridge (Highway 17) to Berth 9 of the North Carolina State Port. The project is expected to operate twenty four (24) hours per day seven (7) days a week until **February 15, 2016**. Ref LNM 46/15

SUMMARY OF D5 MARINE EVENTS/FIREWORKS DISPLAYS

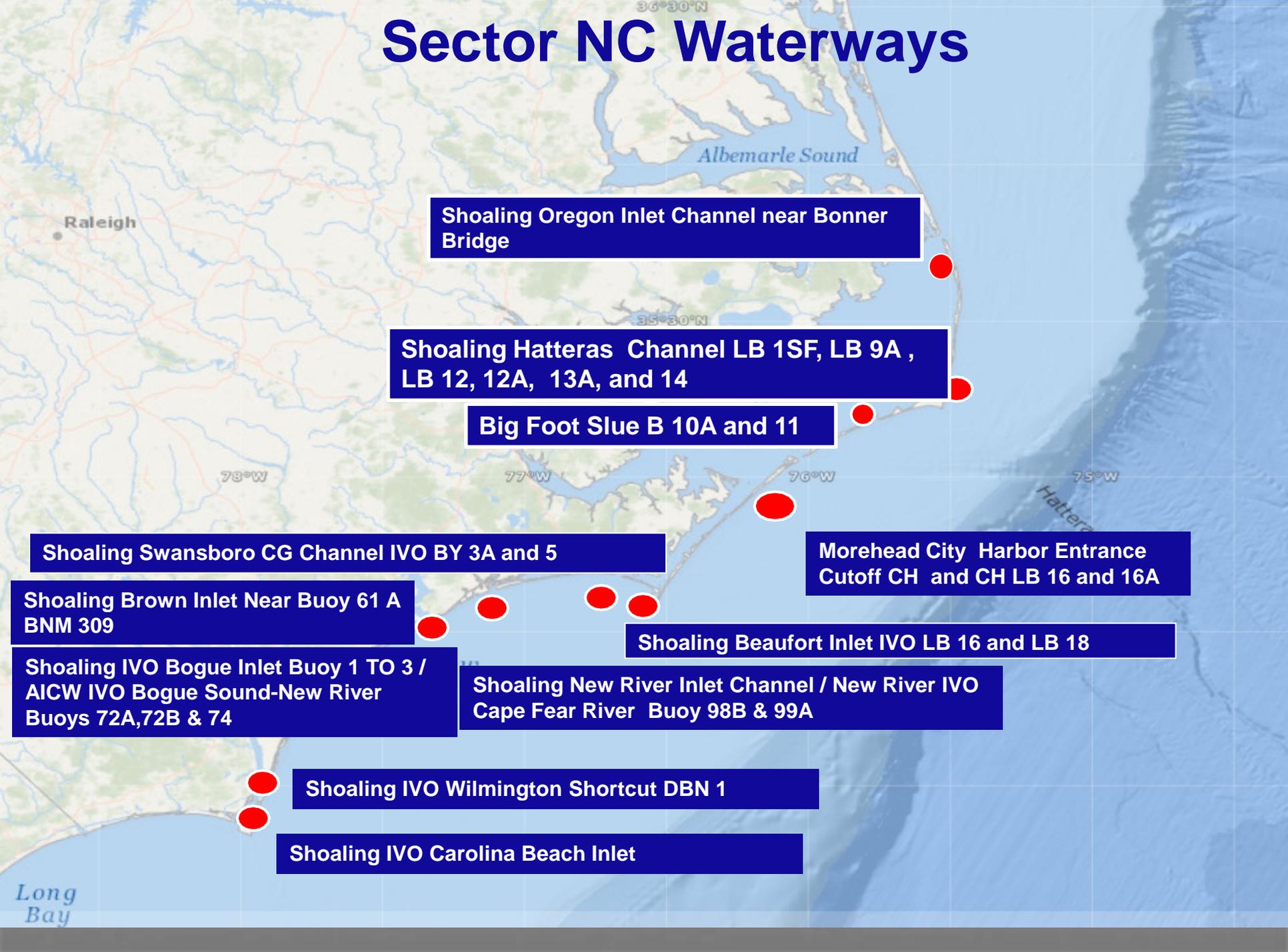
FIREWORKS – DISPLAY PRECAUTIONS AND REGULATIONS

Fireworks barges and launch sites on land will have signs labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the safety zone will be enforced. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port (COTP) or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the COTP or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed. Other Federal, State and local agencies may assist these personnel in the enforcement of the safety zone.

MD – Chesapeake Bay – Severn River – Sailing regatta series

Mariners are advised that the Annapolis Yacht Club's 2015-2016 Frostbite Series sail races are scheduled to occur on the Severn River each Sunday afternoon from November 8, 2015 through December 13, 2015, on January 1, 2016, and each Sunday afternoon from January 28, 2016 through **March 13, 2016**, between approximately 1 p.m. and 4:30 p.m. Each race consists of up to 25 participants, with seven fleets starting at various times, and a maximum of 125 participating sailboats and auxiliary sailboats (18 to 49 feet in length). The races will occur in the Severn River, between the Severn River (US-50) Bridge and the mouth of the Severn River, with a start line in the vicinity of U.S. Naval Academy seawall. Interested mariners may contact the Special Events Committee boat on marine band radio channel 72 VHF-FM, if necessary. Charts 12282, 12283.

Sector NC Waterways



Shoaling Oregon Inlet Channel near Bonner Bridge

Shoaling Hatteras Channel LB 1SF, LB 9A, LB 12, 12A, 13A, and 14

Big Foot Slue B 10A and 11

Shoaling Swansboro CG Channel IVO BY 3A and 5

Morehead City Harbor Entrance Cutoff CH and CH LB 16 and 16A

Shoaling Brown Inlet Near Buoy 61 A BNM 309

Shoaling Beaufort Inlet IVO LB 16 and LB 18

Shoaling IVO Bogue Inlet Buoy 1 TO 3 / AICW IVO Bogue Sound-New River Buoys 72A, 72B & 74

Shoaling New River Inlet Channel / New River IVO Cape Fear River Buoy 98B & 99A

Shoaling IVO Wilmington Shortcut DBN 1

Shoaling IVO Carolina Beach Inlet

Long Bay

| AREA | MAINTENANCE | DESCRIPTION | BNM/ MSIB/ LNM |
|--------------------|-------------|---|----------------------|
| Hatteras Ferry | Dredging | Dredge Carolina Until 01/29/2016 | LNM 46/15 |
| Cape Fear River | Dredging | Dredge Brunswick Until 02/15/2016 | LNM 46/15 |
| Carolina Beach | Dredging | Dredge Savannah Until 04/30/2016 | LNM 50/15 |
| Oregon Inlet | Dredging | Dredge Murden and Currituck Until 01/15/2016 | LNM 49/15 |

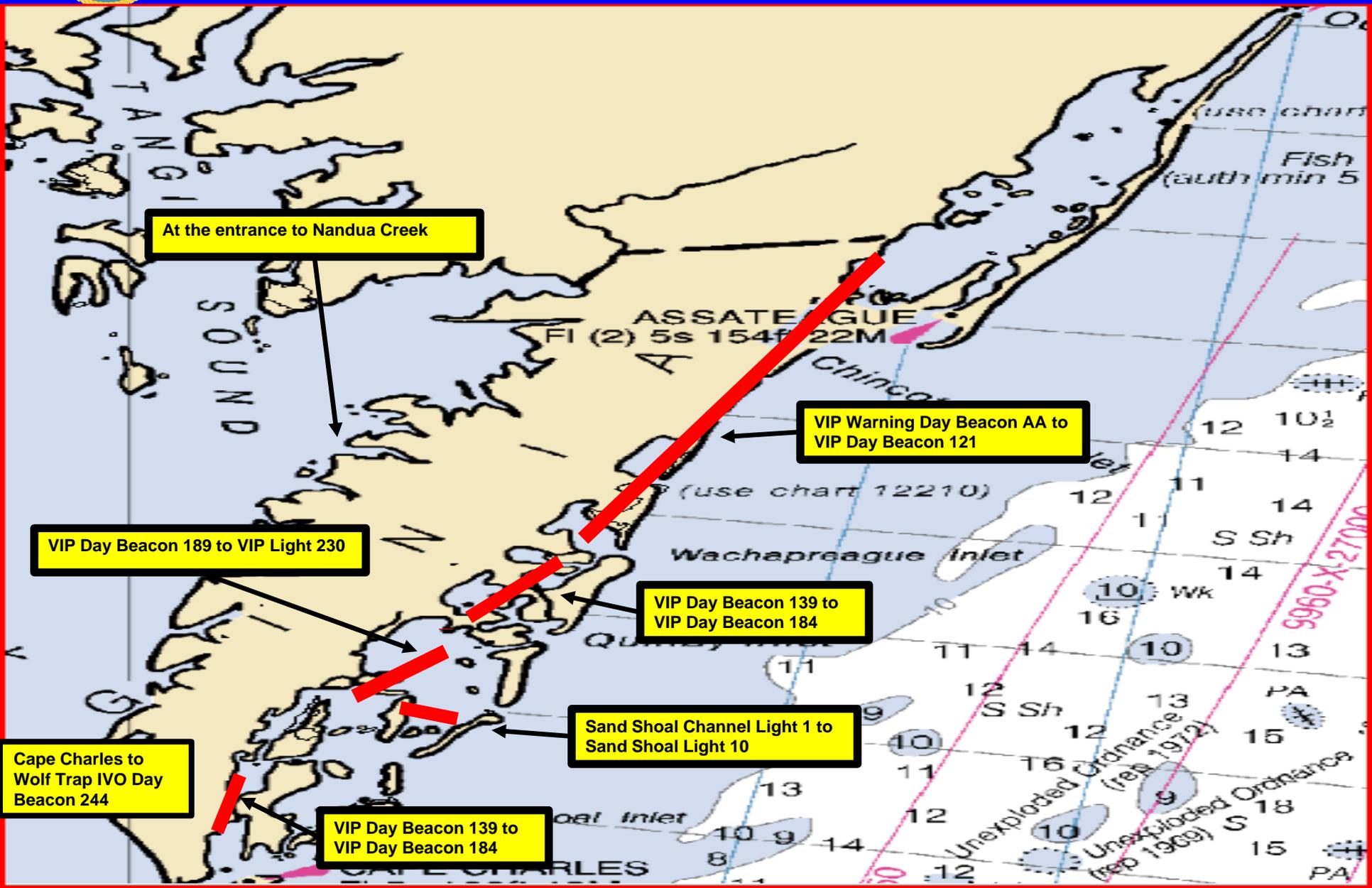
| Fireworks Location | Fireworks Sponsor/Event Name | Fireworks Vendor | Safety Zone | Date |
|--------------------|------------------------------|------------------|-------------|------|
| N/A | | | | |

| AREA | MARINE EVENT | DESCRIPTION | MEP |
|------|--------------|-------------|-----|
| N/A | | | |





WWM VIP SHOALING





WWM SHOALING LIST

| NTM | AREA | SHOALING DESCRIPTION |
|------------|---|--|
| BNM 311-13 | Nandua Creek | Shoaling at the entrance to Nandua Creek to 2 FT MLW |
| LNM 24/13 | VIP Day Beacon 189 to VIP Light 230 | Shoaling to less than 6 FT MLW |
| LNM 24/13 | Sand Shoal Channel Light 1 to Sand Shoal Light 10 | Shoaling to less than 6 FT MLW |
| LNM 24/13 | VIP Day Beacon 139 to VIP Day Beacon 184 | Shoaling to less than 6 FT MLW |
| LNM 24/13 | VIP Warning Day Beacon AA to VIP Day Beacon 121 | Shoaling to less than 6 FT MLW |
| BNM 170-14 | Queen Creek entrance light 2QC to day beacon 10 | Shoaling to less than 3 FT MLW |
| BNM 272-14 | Cape Charles to Wolf Trap inside passage Day Beacon 244 | Shoaling depth of 1 FT MLW |
| BNM 293-14 | East of Long Creek Day Beacon 7 IVO of Pleasure House Point | Shoaling depth of 2.4 FT MLW |
| BNM 030-15 | Between Milford Haven East Light 6 and Light 9 | Shoaling depth of 3 FT MLW |



WWM SHOALING LIST cont

| NTM | AREA | SHOALING DESCRIPTION |
|------------|---|--|
| BNM 011-15 | Extending 10 FT Channelward of Davis Creek Light 6. | Shoaling depth of 2 FT MLW |
| BNM 182-15 | Extending 50 yards Channelward from Horn Harbor Light 8 | Shoaling depth of 1-2 FT 1 hour before low tide |
| BNM 241-15 | IVO of Linkhorn Day Beacon 20A and Linkhorn Bay Light 21 | Shoaling depth of 1.6 FT MLW |
| BNM 363-15 | Between Pagan River Day Beacon 15 and Day Beacon 17 | Shoaling depth of 4 FT MLW. |
| BNM 328-15 | Established Trub Horn Harbor 8A at the entrance of Horn Harbor. | Shoaling depth of 5 FT MLW. |
| BNM 327-15 | Established temporary buoy Mildford Haven East 6A at the entrance of Milford Haven. | Shoaling depth of 4FT MLW. |
| BNM 471-15 | James River Tribell Shoal Reach, between Channel lighted buoys 27 & 29. Two temp green buoys will be placed to mark shoaling. | Shoaling depth of 23.6FT MLW. |
| BNM 544-15 | Queen Creek entrance light 2 to light 5 and daybeacon 4 | Shoaling depth of 2 FT MLW reducing channel width. |
| BNM 573-15 | Milford Haven Channel IVO light 3 extending 100 yds east of daybeacon 3A | Shoaling depths of less than 1 FT MLW reported in the Federal Channel. |



WWM DREDGING PROJECTS

| BNM | DATES | AREA | DESCRIPTION |
|------------|-----------------------|--|--|
| 321-15 | 03 Jun – 31 Jan 16 | Southern Branch of Elizabeth River | IVO Route 337. Monday-Saturday, 12 hr. ACE Superfund Site. Not to exceed 50% of width of Federal channel 31 Oct – 31 Jan 16. |
| 045-15 | 13 Feb 15 – 24 Apr 16 | Western Branch of Lynnhaven River & Old Donation Creek | Daylight hours only. |
| 547-15 | Dec 2015 – 31 Jan 16 | Norfolk Harbor, CI Reaches, NIT Dredging | 7 days a week, 24 hours a day. |



WWM BRIDGES

| NTM | PROJECT | DATES | AREA | DESCRIPTION |
|-----|-------------------------------|--------------------------|------------------------------------|--------------------------------|
| LNM | Veterans Bridge (Dom Blvd) | 01 JAN 13 - 01 APR 17 | Elizabeth River/Southern Branch | VC 95 ft high with four-lanes. |
| LNM | John A Lesner Bridge | 10 JUN 14 - 01JUL17 | Lynnhaven Inlet | Bridge expansion. |



WWW PROJECTS

| NTM | PROJECT | DATES | AREA | DESCRIPTION |
|-----------------------|-------------------------------------|------------------------------|-----------------------------------|--|
| BNM 401-15 | James River Fishing Pier | 19 SEP 14 – 28 AUG 16 | James River | James River Fishing Pier Demo & Replacement. |
| BNM 589-15 | HRBT Cable Crossing | 09 JAN 16 – 14 FEB 16 | Thimble Shoals Channel | Precon Marine cable laying project. Full & Partial Channel closures on 13 JAN 16. |



WWM MARINE EVENTS

| DATE | EVENT | AREA/WATERWAY | DESCRIPTION |
|------|-------|---------------|-------------|
| | | | |



ANCHORAGES

| DATE | VESSEL | ANCHORAGE | POC |
|---------------------------|------------------------|---------------------|------------------------------------|
| 21 Dec 1600 – 11 Jan 2359 | M/V MG SAKURA, 9331529 | Bravo, Western side | Capes Shipping Agency 757-625-3658 |
| 05 Jan – 14 Jan | M/V ANTARES | Not Permitted | Capes Shipping Agency 757-625-3658 |
| 07 Jan – 08 Jan | M/V ERNEST HEMINGWAY | Bravo, Western Side | Capes Shipping Agency 757-625-3658 |
| 08 Jan – 23 Jan | M/V STRATEGIC ENTITY | Not Permitted | T Parker Host 757-627-6286 |
| | | | |



WWM DEADSHIP TOWS

| DATE | NAME /LENGTH | POC | FROM | TO |
|---------|---------------------------------------|-------------------|--------------------------|-------------------|
| 13JAN16 | Staten Island Ferry SPIRIT OF AMERICA | Capt. Dean Fabian | Colonnas SY, Norfolk, VA | Staten Island, NY |