



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 37/16

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 Fifth Coast Guard District Local Notice to Mariners (LNM), please contact:

COMMANDER
FIFTH COAST GUARD DISTRICT (dpw)
431 Crawford Street
Portsmouth, Virginia 23704

or for correspondence and article requests:

ward.b.posey@uscg.mil, (757) 398-6229 or matthew.e.kearney@uscg.mil, at (757) 398-6552 or CGD5Waterways@uscg.mil

All bearings are in degrees TRUE - All times are in Local Time unless otherwise noted.

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 MARYLAND NATIONAL CAPITAL REGION 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, 2016 (49th) Edition.
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2015 (47th) Edition.

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>

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

Chesapeake Bay Weather Buoy
<http://www.cbos.org>
Tides on Line
<http://www.tidesonline.nos.noaa.gov/>
Tides, Currents, PORTS
<http://www.tidesandcurrents.noaa.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 Baltimore District Survey Maps and Shoaling Surveys
http://www.nab.usace.army.mil/Missions/Civil-Works/Nav-Maps/
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
AI - 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.

**** FIFTH COAST GUARD DISTRICT LOCAL NOTICE TO MARINERS - NEW INFORMATION IN THE LOCAL NOTICE TO MARINERS ****

In an effort to bring attention to new or changed information in the Local Notice to Mariners (LNM) new and changed entries will be preceded and followed by four asterisks.

LNM: 25/16

NJ – GREAT EGG HARBOR BAY – DRAG CHANNEL – ROUTE 9, BEESLEY POINT BRIDGE DEMOLITION

Route 52 Construction will be continuing demolition work on remaining portion of the Route 9, Beasley Point Bridge, over Great Egg Harbor Bay, in Marmora, NJ, from August 23 through October 20, 2016. The Coast Guard is establishing a Safety Zone on all the water within 250 feet of

demolition work being conducted within the main navigational channel. Vessel traffic will be re-routed through an alternate channel to facilitate heavy equipment operating in the main navigational channel. The alternate channel will be established 100 feet south of the most southern portion of the bascule span which will have a horizontal clearance of 60 feet and an unlimited vertical clearance. The alternate navigational channel will be clearly marked by red and green lighted buoys to signify the channel. Vessels are required to contact the demolition crew via VHF-FM channel 13 or 16 to make satisfactory passing arrangement and maintain a safe speed when transiting the alternate navigational channel. Mariners are advised to proceed with caution when transiting the area.

Chart 12316

LNM: 34/16

VA – CHESAPEAKE BAY – CHAPE CHARLES TO NORFOLK HARBOR – US NAVY EXERCISE IN THE VICINITY OF FORT MONROE

The Captain of the Port, Hampton Roads will be establishing a Safety Zone for waters east of Fort Monroe located in Hampton, VA, on the Chesapeake Bay for a U.S. Navy Exercise. This Safety Zone will be enforced Monday through Friday, September 7, 2016 through October 7, 2016 from 8 a.m. until 4 p.m., each day.

The following area will be designated as a Safety Zone:

All waters in the vicinity of Fort Monroe, on the Chesapeake Bay, bound by a line drawn from latitude 37°07'06"N, longitude 076°13'12"W, thence east to 37°05'18"N, longitude 076°06'54"W, thence southeast to 37°04' 30"N, longitude 076°06' 30"W, thence south to 36°59'24".4N, longitude 076°08' 30"W, thence west to 37°01'18"N, longitude 076°15'36"W, thence to the point of origin.

See Enclosure 9, U.S. Navy Exercise in the Vicinity of Fort Monroe.

With the exception of participants, entry into or remaining in this Safety Zone is prohibited unless authorized by the Captain of the Port, Hampton Roads or designated representatives. Mariners should adjust their transits accordingly.

The USNS RELENTLESS will be on scene and will monitor VHF Channel 16. To view more information regarding this safety zone go to <http://www.regulations.gov>, type USCG-2016-0371 in the "SEARCH" box and click "SEARCH." Click on Open Docket Folder on the line associated with this rule. Should you have any questions or concerns regarding this matter, contact USCG Sector Hampton Roads, Waterways Management Division at (757) 668-5580 or HamptonRoadsWaterway@uscg.mil.

Chart 12222

LNM: 36/16

NC - HAZARDS OF NORTH CAROLINA COASTAL INLETS

This notice is to notify mariners about accessing hazardous inlets, to heighten public awareness about the hazards that exist in and around the inlets, and to provide the mariner with available information. Mariners are advised that shoaling conditions exist at following North Carolina coastal inlets:

Oregon Inlet Hatteras Inlet

Ocracoke Inlet Barden Inlet

Beaufort Inlet Bogue Inlet

New River Inlet Topsail Inlet

Masonboro Inlet Carolina Beach Inlet

Lockwoods Folly Inlet Shallotte Inlet

Shoaling conditions increase the potential for groundings. These inlets are subject to continual and sometimes rapid environmental changes.

Mariners are highly encouraged to obtain the most recent U.S. 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.aspx>

Mariners should use caution when navigating in these areas and passage through the inlets is not recommended without local knowledge of the area. The aids to navigation in these inlets may not be charted and may not be marking best water due to continually shifting shoals. Consult Local Notice to Mariners, 5th Coast Guard District for the latest positions and status of aids to navigation:

<http://www.navcen.uscg.gov/?pageName=InmDistrict®ion=5>

To report any aids to navigation discrepancies (missing, damaged, off station, extinguished lights), shoaling, hazards to navigation, or discrepancies on bridge lighting, please contact Sector North Carolina Command Center (910) 343-2200.

LNM: 17/16

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.

LNM: 13/16

******NOAA – NATIONAL WEATHER SERVICE - FTP MAIL SYSTEM CHANGES******

The Marine, Tropical and Tsunami Services Branch of the National Weather Service (NWS) wants to inform you of an important change in the NWS' FTPMail system. FTPMail is very popular system for mariners to request and receive NWS marine weather products via email. The Service Change Notice linked below highlights the change to the email address used to request and receive NWS Products via email.
<http://www.nws.noaa.gov/os/notification/scn16-37ftpmail.htm>

The New FTPMail Service Email Address is NWS.FTPMail.OPS@noaa.gov and it is currently active. Both email addresses will work to request and receive products via FTPMail until October 6 when ftpmail@ftpmail.nws.noaa.gov address is planned for decommissioning. NWS recommends users begin transitioning to the new email address by October 6, 2016 to ensure continuing responses to FTPMail requests.

LNM: 37/16

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

******INTERFERENCE WITH AIDS TO NAVIGATION******

U. S. Code, Title 14, Part I, Chapter 5, § 84

It shall be unlawful for any person, or public body, or instrumentality, excluding the armed forces, to remove, change the location of, obstruct, willfully damage, make fast to, or interfere with any aid to navigation established, installed, operated, or maintained by the Coast Guard pursuant to section 81 of this title, or with any aid to navigation lawfully maintained under authority granted by the Coast Guard pursuant to section 83 of this title, or to anchor any vessel in any of the navigable waters of the United States so as to obstruct or interfere with range lights maintained therein. Whoever violates the provisions of this section shall be guilty of a misdemeanor and shall be fined not more than \$1,500 for each offense. Each day during which such violation shall continue shall be considered as a new offense.

U. S. Code, Title 14, Part I, Chapter 5, § 84

LNM: 13/16

NOAA PRODUCTION OF LITHOGRAPHIC

Traditional printing of NOAA paper nautical charts was discontinued April 13, 2014. NOAA will continue to create and maintain other forms of nautical charts, including the increasingly popular Print on Demand (POD) charts, updated paper charts available from NOAA-certified printers. NOAA electronic navigational charts (NOAA ENC®) and raster navigational charts (NOAA RNC®), used in a variety of electronic charting systems, are also updated weekly and are available for free download from the Coast Survey website. 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: 13/16

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.
http://www.cgaux.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>.

******COAST PILOT 4 - NEW EDITION******

PUBLICATION – National Oceanic Atmospheric Administration (NOAA) – U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 47th Edition, 2016, has been issued and is ready for free download at: <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>. Print-on-Demand (POD) bound copies are available for purchase at: <http://www.nauticalcharts.noaa.gov/staff/charts.htm#POD>. The 2016 Edition cancels the preceding 2015 Edition, and incorporates all previous corrections.

LNM: 36/16

BROADCAST NOTICES TO MARINERS

Navigation information having been of immediate concern to the Mariner and promulgated by the following Broadcast Notices to Mariners (BNMs) have been incorporated in this notice when still significant at the date of this publication.
CCGD5 (D5) - 439, 441, 442, 443, 444, 445, 446, 447, 448, 449-16.
Sector Delaware Bay (DB) - 335, 338, 339, 347, 349, 350, 351, 352, 354, 355, 357, 358-16.
Sector Maryland National Capital Region (MD) - 309, 310, 313, 314, 315, 316, 318, 319-16.
Sector Hampton Roads (HR) - 313, 312, 311, 310, 309, 308, 307, 306, 293, 292, 289, 284, 279, 277, 273, 246, 238, 226, 224-16.
Sector North Carolina (NC) - 459, 460, 461, 466, 470, 473, 474, 482, 483, 484, 497, 498, 499, 505, 506, 507, 508, 509, 511, 512, 512, 513, 514, 515, 517, 519, 523, 524, 525, 526, 527-16.

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 |
|-------------|---|----------------------------|--------------|--------------|--------------|---------|
| 35 | Little Egg Inlet Outer Lighted Whistle Buoy LE | TMK MISSING | 12316 | 245DB | 27/16 | |
| 120 | Five Fathom Bank Lighted Buoy F | REDUCED INT/RAC INOP | 12214 | 243DB | 21/16 | |
| 155 | Cape May Light | REDUCED INT | 12316 | 251DB | 26/16 | |
| 350 | Cape Charles Light | LT EXT | 12222 | 384HR | 18/13 | |
| 570 | Navy Air Combat Maneuvering Range Tower Light A | LT EXT | 12200 | 413NC | 32/16 | |
| 585 | Navy Air Combat Maneuvering Range Tower Light G | LT EXT | 12200 | 407NC | 27/12 | |
| 640 | Diamond Shoals Lighted Buoy 12 | LT EXT | 11555 | 263NC | 22/16 | |
| 795 | New Topsail Inlet Lighted Whistle Buoy NT | SINKING | 11541 | 466NC | 31/16 | |
| 865 | Lockwoods Folly Inlet Lighted Whistle Buoy LW | OFF STA/REDUCED INT | 11534 | 394NC | 30/16 | |
| 995 | Barnegat Inlet Buoy 20 | MISSING | 12324 | 327DB | 34/16 | |
| 1100 | Little Egg Inlet Outer Lighted Whistle Buoy LE | TMK MISSING | 12316 | 245DB | 27/16 | |
| 1110 | Little Egg Inlet Lighted Buoy 3 | OFF STA | 12316 | 357DB | 37/16 | |
| 1318 | Longport Channel Buoy 8 | OFF STA | 12316 | 355DB | 36/16 | |
| 2055 | Delaware Bay East Icebreaker Light 2 | STRUCT DEST/LT EXT | 12216 | 186DB | 20/16 | |
| 2065 | Roosevelt Inlet Jetty Light 1R | LT EXT/DAYMK MISSING | 12216 | 337DB | 28/16 | |
| 2070 | Roosevelt Inlet Jetty Light 2 | DAYMK DMGD | 12216 | 266DB | 28/16 | |
| 2073 | Roosevelt Inlet Buoy 4 | MISSING | 12216 | 350DB | 37/16 | |
| 2115 | Rehoboth Bay Channel Lighted Buoy 9 | MISSING | 12216 | 334DB | 34/16 | |
| 2865 | Pea Patch Island Spawn Daybeacon PPD | STRUCT DEST | 12311 | 352DB | 37/16 | |
| 2915 | Pea Patch Island Dike Warning Light B | STRUCT DEST/HAZ NAV | 12311 | 351DB | 37/16 | |
| 3135 | Marcus Hook Range Front Light | REDUCED INT | 12312 | 306DB | 32/16 | |
| 3290 | Tinicum Range Rear Light | LT EXT | 12313 | 168DB | 19/16 | |
| 3820 | Enterprise Lower Range Front Light | REDUCED INT | 12314 | 141DB | 15/16 | |
| 3845 | Enterprise Upper Range Rear Light | REDUCED INT | 12314 | 140DB | 15/16 | |
| 4150 | Kinkora Upper Range Rear Light | LT EXT | 12314 | 616DB | 47/15 | |
| 4375 | Indian River Inlet South Jetty Light 3 | DAYMK IMCH | 12216 | 264DB | 28/16 | |
| 4861 | Isle Of Wight Bay Buoy 11A | MISSING | 12211 | 314MD | 36/16 | |
| 5205 | Chincoteague Bay Daybeacon 26 | STRUCT DEST/TRUB | 12211 | 189MD | 13/15 | |
| 5215 | Chincoteague Bay Daybeacon 23 | STRUCT DEST/TRUB | 12211 | 190MD | 13/15 | |
| 5477 | Chincoteague Bay Daybeacon 16A | TRUB/STRUCT DEST | 12211 | 223HR | 11/15 | |
| 5495 | Chincoteague Bay Daybeacon 23 | STRUCT DEST/TRUB | 12211 | 190MD | 13/15 | |
| 5505 | Chincoteague Bay Daybeacon 26 | STRUCT DEST/TRUB | 12211 | 189MD | 13/15 | |
| 5545 | Wallops Island Lighted Buoy 6 | MISSING | 12210 | 288HR | 35/16 | |
| 5755 | Virginia Inside Passage Daybeacon 49 | STRUCT DEST | 12210 | 306HR | 20/15 | |
| 5767 | Virginia Inside Passage Daybeacon 52 | DAYMK MISSING | 12210 | 242HR | 26/14 | |
| 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 | |
| 6010 | Virginia Inside Passage Daybeacon 125 | DAYMK MISSING | 12210 | 250HR | 30/16 | |
| 6115 | Virginia Inside Passage Daybeacon 153 | DAYMK MISSING | 12210 | 056HR | 07/15 | |
| 6137 | Virginia Inside Passage Daybeacon 157B | DAYMK MISSING | 12210 | 057HR | 07/15 | |
| 6145 | Virginia Inside Passage Light 160 | DAYMK MISSING | 12210 | 058HR | 07/15 | |

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|--------------|---|----------------------------------|--------------|--------------|--------------|
| 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 | 014HR | 02/16 |
| 6280 | Virginia Inside Passage Daybeacon 199 | DAYMK MISSING | 12224 | 014HR | 02/16 |
| 6285 | Virginia Inside Passage Daybeacon 199A | STRUCT DEST | 12224 | 014HR | 02/16 |
| 6320 | Virginia Inside Passage Daybeacon 206 | DAYMK MISSING | 12221 | 014HR | 02/16 |
| 6343 | Virginia Inside Passage Daybeacon 211 | STRUCT DEST | 12224 | 014HR | 02/16 |
| 6348 | Virginia Inside Passage Daybeacon 213 | MISSING | 12224 | 014HR | 02/16 |
| 6355 | Virginia Inside Passage Light 215 | LT EXT/DAYMK MISSING | 12224 | 014HR | 32/13 |
| 6375 | Virginia Inside Passage Daybeacon 218 | DAYMK MISSING | 12224 | 014HR | 02/16 |
| 6385 | Virginia Inside Passage Daybeacon 219 | STRUCT DEST | 12224 | 014HR | 02/16 |
| 6390 | Virginia Inside Passage Daybeacon 221 | DAYMK MISSING | 12224 | 014HR | 02/16 |
| 6415 | Virginia Inside Passage Daybeacon 225 | DAYMK MISSING | 12224 | 014HR | 02/16 |
| 6440 | Virginia Inside Passage Light 232 | DAYMK MISSING | 12224 | 200HR | 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 |
| 6590 | Virginia Inside Passage Light 267 | DAYMK MISSING | 12222 | 161HR | 22/16 |
| 6675 | Wachapreague Channel Light 9 | STRUCT DEST/TRLB | 12210 | 050HR | 08/15 |
| 6690 | Virginia Inside Passage Daybeacon 125 | DAYMK MISSING | 12210 | 250HR | 30/16 |
| 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 |
| 6850 | Great Machipongo Inlet Daybeacon 12 | DAYMK MISSING | 12210 | 019HR | 02/16 |
| 6855 | Great Machipongo Inlet Daybeacon 13 | TRLB/STRUCT DEST | 12210 | 467HR | 34/15 |
| 6920 | Great Machipongo Channel Light 8 | STRUCT DEST/TRLB | 12210 | 159HR | 22/16 |
| 6945 | Great Machipongo Channel Daybeacon 15 | DAYMK MISSING | 12210 | 018HR | 02/16 |
| 6991 | Sand Shoal Channel Daybeacon 3 | STRUCT DEST/TRUB | 12224 | 421HR | 29/15 |
| 6992 | Sand Shoal Channel Light 4 | LT EXT/STRUCT DMGD | 12224 | 016HR | 02/16 |
| 6993 | Sand Shoal Channel Daybeacon 5 | STRUCT DEST/TRUB | 12224 | 422HR | 29/15 |
| 6994 | Sand Shoal Channel Light 7 | REDUCED INT | 12210 | 140HR | 21/16 |
| 7275 | Chesapeake Channel Lighted Buoy 42 | RAC INOP | 12226 | 276HR | 34/16 |
| 7440 | Chesapeake Channel Lighted Buoy 62 | LT EXT | 12225 | 303HR | 36/16 |
| 8155 | Brewerton Channel Range Rear Light | LT EXT | 12281 | 303MD | 35/16 |
| 10590 | Willoughby Bay Channel Daybeacon 5 | DAYMK MISSING | 12245 | 308HR | 37/16 |
| 11140 | Nansemond River Channel Daybeacon 31 | DAYMK MISSING | 12248 | 302HR | 36/16 |
| 11525 | Warwick River Daybeacon 2 | STRUCT DEST/TRUB | 12248 | 122HR | 19/16 |
| 11995 | Jamestown Island Daybeacon 2 | STRUCT DEST | 12248 | 208HR | 13/15 |
| 12640 | James River Channel Light 133 | LT EXT | 12252 | 143HR | 21/16 |
| 12920 | Back River Channel Light 4 | LT EXT/DAYMK MISSING/STRUCT DMGD | 12222 | 304HR | 36/16 |
| 12930 | Back River Channel Daybeacon 6 | DAYMK MISSING/STRUCT DMGD | 12222 | 305HR | 36/16 |
| 14390 | North River Light 5 | LT EXT | 12238 | 272HR | 34/16 |
| 14445 | Horn Harbor Entrance Light HH | DAYMK MISSING | 12238 | 147HR | 21/16 |
| 15610 | Hoskins Creek Range Rear Light | LT EXT | 12237 | 269HR | 31/16 |
| 17260 | Wicomico River Warning Daybeacon | DAYMK MISSING | 12286 | 323MD | 24/15 |
| 17460 | Potomac River Channel Buoy 27 | SINKING | 12287 | 319MD | 37/16 |
| 17800 | Port Tobacco River Daybeacon 12 | STRUCT DEST/TRUB | 12288 | 262MD | 30/16 |
| 17805 | Port Tobacco River Daybeacon 14 | DAYMK IMCH | 12288 | 265MD | 31/16 |
| 19330 | Herring Bay Daybeacon 3 | DAYMK DMGD | 12266 | 264MD | 30/16 |

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|--------------|---|----------------------------------|--------------|---------------|--------------|
| 19407 | Rockhold Creek Channel Daybeacon 10 | STRUCT DMGD | 12266 | 275MD | 32/16 |
| 19535 | Cadle Creek Daybeacon 2 | DAYMK IMCH | 12270 | NONEMD | 37/16 |
| 20515 | North Point Creek Light 2 | LT EXT/TRLB | 12278 | 255MD | 29/16 |
| 21475 | Cape Charles City Approach Light C | DAYMK DMGD | 12224 | 101HR | 16/16 |
| 21665 | Nassawadox Creek Warning Daybeacon H | STRUCT DEST/HAZ NAV/TRUB | 12226 | 074HR | 12/16 |
| 21790 | Nandua Creek Channel Warning Daybeacon F | DAYMK MISSING | 12226 | 203HR | 12/15 |
| 22475 | Starling Creek Daybeacon 6 | TRUB/STRUCT DEST | 12228 | 330HR | 22/15 |
| 23410 | Goose Creek Channel Daybeacon 6 | STRUCT DEST/TRLB | 12231 | 121MD | 11/15 |
| 23430 | Manokin River Channel Daybeacon 9 | DAYMK DMGD | 12231 | 280MD | 32/16 |
| 23955 | Wicomico River Channel Light 55 | LT EXT/TRLB | 12261 | 221MD | 24/16 |
| 25920 | Knapps Narrows West Channel Light 1 | STRUCT DMGD | 12266 | 273MD | 32/16 |
| 27040 | Harts Island Channel Daybeacon 10 | DAYMK IMCH | 12278 | 315MD | 36/16 |
| 27340 | Bush River Wreck Light WR7 | LT EXT | 12274 | 313MD | 36/16 |
| 27990 | Oregon Inlet Buoy 4 | OFF STA | 12204 | 461NC | 36/16 |
| 28003 | Oregon Inlet Lighted Buoy 6 | LT EXT | 12204 | 497NC | 36/16 |
| 28193 | Oregon Inlet Channel Light 54 | LT EXT | 12204 | 526NC | 37/16 |
| 28640 | Hatteras Inlet Lighted Buoy 1 | MISSING | 11555 | 484NC | 36/16 |
| 28715 | South Ferry Terminal Light 7 | MISSING/STRUCT DEST/TRLB | 11555 | 160NC | 09/16 |
| 28780 | Hatteras Inlet Junction Daybeacon HF | DAYMK IMCH | 11555 | 482NC | 36/16 |
| 28817 | Rollinson Channel Daybeacon 31 | DAYMK MISSING | 11555 | 515NC | 37/16 |
| 28865 | Rollinson Channel Light 42RC | DAYMK MISSING | 11555 | 483NC | 36/16 |
| 28930 | Ocracoke Inlet Lighted Buoy 10 | MISSING | 11550 | 523NC | 37/16 |
| 28964 | Teaches Hole Lighted Buoy 27 | LT EXT | 11550 | 459NC | 35/16 |
| 28985 | Silver Lake Junction Light SL | LT EXT | 11550 | 486NC | 36/16 |
| 29077 | Big Foot Slough Channel Daybeacon 12 | STRUCT DEST/TRUB | 11550 | 431NC | 34/16 |
| 29255 | Barden Inlet Warning Daybeacon A | DAYMK MISSING | 11545 | 421NC | 33/16 |
| 29300 | Harkers Island East Channel Light 10 | TRLB/STRUCT DEST | 11545 | 222NC | 16/13 |
| 29430 | Morehead City Channel Range Front Light | LT EXT | 11547 | 037NC | 05/16 |
| 29435 | Morehead City Channel Range Rear Light | STRUCT DEST | 11547 | 389NC | 27/14 |
| 29516 | Bogue Inlet Buoy 5A | OFF STA | 11541 | 474NC | 36/16 |
| 29970 | New Topsail Inlet Lighted Whistle Buoy NT | SINKING | 11541 | 466NC | 31/16 |
| 30020 | New Topsail Inlet Buoy 7 | MISSING | 11541 | 405NC | 31/16 |
| 30025 | New Topsail Inlet Buoy 8 | OFF STA | 11541 | 406NC | 31/16 |
| 31005 | Lockwoods Folly Inlet Lighted Whistle Buoy LW | OFF STA/REDUCED INT | 11534 | 394NC | 30/16 |
| 31047 | Lockwoods Folly Inlet Buoy 12 | OFF STA | 11534 | 429NC | 34/16 |
| 31170 | Whale Head Bay Light 1 | STRUCT DEST/LT EXT/TRLB | 12204 | 519NC | 18/15 |
| 31370 | Powells Point Daybeacon 4PP | DAYMK MISSING/STRUCT DMGD | 12204 | 499NC | 37/16 |
| 32195 | Buxton Harbor Approach Light 1B | LT EXT | 11555 | 460NC | 36/16 |
| 32240 | Buxton Harbor Daybeacon 16 | DAYMK MISSING | 11555 | 512NC | 37/16 |
| 32325 | Durant Point Daybeacon 4 | DAYMK MISSING | 11555 | 513NC | 37/16 |
| 32330 | Durant Point Daybeacon 6 | DAYMK MISSING | 11555 | 514NC | 37/16 |
| 33085 | Eastham Creek Daybeacon 5 | STRUCT DEST/TRUB | 11553 | 505NC | 36/16 |
| 33335 | Broad Creek Light 4 | LT EXT | 11554 | 391NC | 30/16 |
| 33490 | Cedar Island North Light | LT EXT/DAYMK MISSING/STRUCT DMGD | 11550 | 045NC | 29/14 |
| 33801 | Dawson Creek Entrance Buoy 4 | MISSING | 11552 | NONENC | 35/16 |
| 34137 | Neuse River Channel Buoy 50E | OFF STA | 11552 | 507NC | 37/16 |
| 34151 | Neuse River Channel Buoy 51C | OFF STA | 11552 | 508NC | 37/16 |
| 34315 | Trent River Daybeacon 20 | TRLB/STRUCT DEST | 11552 | 523NC | 39/15 |
| 34415 | Cedar Island Bay Channel Light 6 | LT EXT | 11550 | 525NC | 37/16 |
| 34505 | Atlantic Channel Buoy 4 | MISSING | 11545 | 356NC | 28/16 |

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|--------------|--|---------------------------|--------------|--------------|--------------|
| 34520 | Core Sound Light 24 | DAYMK MISSING | 11545 | 369NC | 29/16 |
| 34545 | Core Sound Lighted Buoy 28 | OFF STA | 11545 | 284NC | 23/16 |
| 34595 | Oyster Creek Daybeacon 3 | STRUCT DEST/TRLB | 11550 | 409NC | 31/16 |
| 35310 | New Jersey Intracoastal Waterway Daybeacon 80 | STRUCT DMGD/TRLB | 12324 | 080DB | 04/16 |
| 35400 | New Jersey Intracoastal Waterway Daybeacon 102 | STRUCT DEST/TRLB | 12316 | 034DB | 18/15 |
| 35970 | New Jersey Intracoastal Waterway Buoy 248 | MISSING | 12316 | 349DB | 37/16 |
| 36745 | Cape May Harbor Light 8 | STRUCT DEST/DAYMK MISSING | 12317 | 303DB | 31/16 |
| 37795 | Great Bridge to Albemarle Sound Daybeacon 166 | STRUCT DEST/TRUB | 12206 | 498NC | 36/16 |
| 37905 | Alligator River Daybeacon 30 | STRUCT DEST/TRUB | 11553 | 093NC | 09/16 |
| 38440 | Russell Slough Junction Light RS | STRUCT DEST/TRLB | 11541 | 385NC | 12/16 |
| 38467 | Russell Slough Daybeacon 6A | STRUCT DEST/TRLB | 11541 | 517NC | 37/16 |
| 39217 | Bogue Sound - New River Buoy 60 | OFF STA | 11541 | 408NC | 31/16 |
| 39375 | New River - Cape Fear River Light 27 | DAYMK MISSING | 11541 | 470NC | 36/16 |
| 39507 | New River - Cape Fear River Light 89 | DAYMK MISSING | 11541 | 208NC | 19/16 |
| 39525 | New River - Cape Fear River Light 93 | DAYMK MISSING | 11541 | 446NC | 35/16 |
| 39575 | New River - Cape Fear River Daybeacon 108 | DAYMK MISSING | 11541 | 445NC | 35/16 |
| 39680 | New River - Cape Fear River Daybeacon 143 | STRUCT DMGD/TRUB | 11534 | 401NC | 31/16 |
| 39758 | New River - Cape Fear River Buoy 162A | OFF STA | 11534 | 331NC | 27/16 |
| 39875 | New River - Cape Fear River Daybeacon 176 | STRUCT DEST/TRUB | 11534 | 416NC | 32/16 |
| 40440 | Cape Fear River - Little River Daybeacon 113 | STRUCT DEST/TRUB | 11534 | 375NC | 29/16 |

DISCREPANCIES (FEDERAL AIDS) CORRECTED

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|-------|--|-------------------|-----------|----------|--------|---------|
| 1407 | Townsend Inlet Lighted Buoy 3 | RELIGHTED | 12316 | 355DB | 37/16 | 37/16 |
| 2520 | Delaware River Lighted Buoy 4 | RELIGHTED | 12311 | 177DB | 19/16 | 37/16 |
| 2860 | Pea Patch Island Dike Warning Light A | RELIGHTED | 12311 | NONEDB | 37/16 | 37/16 |
| 2885 | Bulkhead Bar Range Rear Light | RELIGHTED | 12311 | NONEDB | 37/16 | 37/16 |
| 3495 | Eagle Point Range Front Light | RELIGHTED | 12313 | NONEDB | 37/16 | 37/16 |
| 3509 | Horseshoe Lower Lighted Buoy 33 | RELIGHTED | 12313 | 353DB | 37/16 | 37/16 |
| 4285 | Duck Island Range Rear Light | WATCHING PROPERLY | 12314 | 348DB | 37/16 | 37/16 |
| 5820 | Virginia Inside Passage Warning Daybeacon B | WATCHING PROPERLY | 12210 | NONEHR | 37/16 | 37/16 |
| 8925 | Elk River Channel Lighted Buoy 1ER | WATCHING PROPERLY | 12274 | 312MD | 36/16 | 37/16 |
| 9165 | Bohemia River Light 2 | RELIGHTED | 12274 | 247MD | 29/16 | 37/16 |
| 9415 | Hampton Bar Channel Buoy 20 | WATCHING PROPERLY | 12245 | 298HR | 36/16 | 37/16 |
| 9520 | Elizabeth River Channel Lighted Bell Buoy 10 | WATCHING PROPERLY | 12245 | 297HR | 36/16 | 37/16 |
| 10136 | Lynnhaven Inlet Lighted Buoy 3 | RESET ON STATION | 12254 | 295HR | 36/16 | 37/16 |
| 10138 | Lynnhaven Inlet Lighted Buoy 4 | RESET ON STATION | 12254 | 296HR | 36/16 | 37/16 |
| 10142 | Lynnhaven Inlet Light 5 | WATCHING PROPERLY | 12254 | 124HR | 19/16 | 37/16 |
| 10783 | Newport News Anchorage L Lighted Mooring Buoy CG | RELIGHTED | 12245 | 309HR | 37/16 | 37/16 |
| 10920 | Hampton River Channel Daybeacon 10 | WATCHING PROPERLY | 12245 | 307HR | 37/16 | 37/16 |
| 11090 | Nansemond River Channel Light 16 | RELIGHTED | 12248 | 243HR | 30/16 | 37/16 |
| 11108 | Nansemond River Channel Daybeacon 21A | WATCHING PROPERLY | 12248 | 302HR | 36/16 | 37/16 |
| 11590 | James River Channel Buoy 10A | RESET ON STATION | 12248 | 299HR | 36/16 | 37/16 |
| 11685 | James River Channel Buoy 21 | WATCHING PROPERLY | 12248 | 300HR | 36/16 | 37/16 |
| 13550 | York River West Range Front Light | RELIGHTED | 12241 | NONEHR | 37/16 | 37/16 |
| 13555 | York River West Range Rear Light | RELIGHTED | 12238 | 203HR | 26/16 | 37/16 |
| 15157 | Corrotoman River Light 3 | RELIGHTED | 12237 | 249HR | 25/16 | 37/16 |

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|-------|---|-------------------|-------|--------|-------|-------|
| 16350 | Little Wicomico River Approach Light 2LW | WATCHING PROPERLY | 12233 | 097HR | 15/16 | 37/16 |
| 26505 | Chester River Buoy 3 | WATCHING PROPERLY | 12272 | 309MD | 36/16 | 37/16 |
| 28073 | Oregon Inlet Channel Buoy 21A | RESET ON STATION | 12204 | 481NC | 36/16 | 37/16 |
| 28440 | Wanchese Channel Buoy 1 | RESET ON STATION | 12204 | 477NC | 36/16 | 37/16 |
| 28447 | Wanchese Channel Buoy 2A | RESET ON STATION | 12204 | 480NC | 36/16 | 37/16 |
| 29380 | Beaufort Inlet Channel Lighted Buoy 15 | WATCHING PROPERLY | 11547 | 472NC | 36/16 | 37/16 |
| 29440 | Morehead City Channel Lighted Buoy 21 | WATCHING PROPERLY | 11547 | NONENC | 36/16 | 37/16 |
| 30270 | Carolina Beach Inlet Buoy 2 | RESET ON STATION | 11534 | 630NC | 49/15 | 37/16 |
| 30460 | Lower Swash Channel Range Front Light | RELIGHTED | 11534 | 518NC | 37/16 | 37/16 |
| 30820 | Lower Brunswick North Range Front Light | RELIGHTED | 11537 | 522NC | 37/16 | 37/16 |
| 31360 | Durant Island Daybeacon 1D | WATCHING PROPERLY | 12204 | NONENC | 37/16 | 37/16 |
| 32535 | Brant Island Warning Daybeacon H | WATCHING PROPERLY | 11548 | 475NC | 36/16 | 37/16 |
| 32550 | Brant Island Warning Daybeacon K | WATCHING PROPERLY | 11548 | 476NC | 36/16 | 37/16 |
| 32555 | Brant Island Warning Daybeacon L | WATCHING PROPERLY | 11548 | 478NC | 36/16 | 37/16 |
| 32560 | Brant Island Warning Light M | WATCHING PROPERLY | 11548 | 479NC | 36/16 | 37/16 |
| 32925 | Pungo Creek Light 3 | RELIGHTED | 11553 | 384NC | 29/16 | 37/16 |
| 33655 | South River Light 1 | RELIGHTED | 11541 | 456NC | 35/16 | 37/16 |
| 35035 | New Jersey Intracoastal Waterway Light 17 | RELIGHTED | 12324 | 345DB | 36/16 | 37/16 |
| 35185 | New Jersey Intracoastal Waterway Light 49A | RELIGHTED | 12324 | 209DB | 21/16 | 37/16 |
| 36085 | New Jersey Intracoastal Waterway Daybeacon 286 | WATCHING PROPERLY | 12316 | 346DB | 36/16 | 37/16 |
| 37400 | Great Bridge to Albemarle Sound Light 43 | REBUILT/RECOVERED | 12206 | 240HR | 28/16 | 37/16 |
| 37844 | Alligator River Daybeacon 6 | WATCHING PROPERLY | 11553 | 500NC | 37/16 | 37/16 |
| 37845 | Alligator River Light 7 | WATCHING PROPERLY | 11553 | 501NC | 37/16 | 37/16 |
| 37855 | Alligator River Light 10 | WATCHING PROPERLY | 11553 | 502NC | 37/16 | 37/16 |
| 37880 | Alligator River Light 20 | WATCHING PROPERLY | 11553 | 503NC | 37/16 | 37/16 |
| 37885 | Alligator River Light 22 | WATCHING PROPERLY | 11553 | 504NC | 37/16 | 37/16 |
| 38345 | Adams Creek Daybeacon 11 | WATCHING PROPERLY | 11541 | 510NC | 37/16 | 37/16 |
| 39290 | Bogue Sound - New River Buoy 70 | RESET ON STATION | 11541 | 471NC | 36/16 | 37/16 |
| 40025 | Lower Swash Channel Range Front Light | RELIGHTED | 11534 | 518NC | 37/16 | 37/16 |

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 | |
| 793.1 | NC Artificial Fishing Reef Buoy AR360 | OFF STA | 11539 | 509NC | 37/16 | |
| 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 | |
| 1155 | Marshelder Channel Buoy 3 | MISSING | 12316 | 250DB | 26/16 | |
| 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 | |
| 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 | |
| 4875 | Thorofare Channel Buoy 3 | SINKING | 12211 | 029DB | 05/16 | |
| 4895 | Thorofare Channel Buoy 8 | BUOY DMGD | 12211 | 285MD | 32/16 | |
| 4900 | Thorofare Channel Buoy 10 | OFF STA | 12211 | 121MD | 09/15 | |
| 4925 | Ocean Pines Yacht Club Light 2 | LT EXT | 12211 | 398MD | 29/15 | |
| 4991.07 | Little Assawoman Bay Daybeacon 6 | STRUCT DEST | 12211 | 341DB | 35/16 | |
| 4991.08 | Little Assawoman Bay Daybeacon 7 | STRUCT DEST | 12211 | 342DB | 35/16 | |
| 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 | |

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|--------------|---|---------------------|--------------|--------------|--------------|
| 5165 | Chincoteague Bay State Boundary Line Buoy B | OFF STA/DAYMK IMCH | 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 | STRUCT DEST | 12211 | 476HR | 43/11 |
| 5457.1 | Greenbackville Sanctuary Daybeacon B | DAYMK MISSING | 12211 | 477HR | 43/11 |
| 7669 | UMCES Lighted Data Buoy JI | MISSING | 12264 | 439MD | 36/14 |
| 7837 | UMCES Lighted Data Buoy CBB | OFF STA | 12282 | 176MD | 16/16 |
| 7860 | Bay Bridge Marina Light 5 | LT EXT | 12270 | 350MD | 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 |
| 10334 | Lynnhaven River Eastern Branch Daybeacon 27 | DAYMK MISSING | 12222 | 162HR | 23/16 |
| 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 |
| 10962 | Hampton River Channel Buoy 22 | DAYMK DMGD | 12245 | NONEHR | 16/16 |
| 12127 | Glasshouse Point Lower Ferry Light | LT EXT | 12251 | 367HR | 24/15 |
| 12692 | James River Lighted Data Buoy A | OFF STA | 12252 | NONEHR | 07/16 |
| 12692.1 | James River Lighted Data Buoy B | OFF STA | 12252 | NONEHR | 07/16 |
| 12870 | Salt Ponds Light 6 | STRUCT DMGD | 12222 | 310HR | 37/16 |
| 12873 | Salt Ponds Daybeacon 6A | STRUCT DMGD | 12222 | 294HR | 36/16 |
| 12895 | Salt Ponds Daybeacon 12 | DAYMK DMGD | 12222 | NONED5 | 17/16 |
| 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 | 251MD | 19/10 |
| 16612 | Coan River Marina Buoy 1 | MISSING | 12233 | 121MD | 10/15 |
| 16613 | Coan River Marina Buoy 2 | MISSING | 12233 | 121MD | 10/15 |
| 16614 | Coan River Marina Buoy 3 | MISSING | 12233 | 121MD | 10/15 |
| 16853 | Potomac River Sandy Point Lighted Data Buoy A | MISSING | 12233 | 282MD | 20/14 |
| 16962 | Cabin Point Creek Daybeacon 1 | STRUCT DEST/HAZ NAV | 12285 | 225MD | 25/16 |
| 16963 | Cabin Point Creek Daybeacon 2 | STRUCT DEST/HAZ NAV | 12285 | 225MD | 25/16 |
| 16971 | Glebe Creek Daybeacon 1 | STRUCT DEST/HAZ NAV | 12285 | 224MD | 25/16 |
| 16971.5 | Glebe Creek Daybeacon 2 | STRUCT DEST/HAZ NAV | 12285 | 224MD | 25/16 |
| 16972.5 | Glebe Creek Daybeacon 4 | STRUCT DEST/HAZ NAV | 12285 | 224MD | 25/16 |

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| 17712 | Potomac River Morgantown Lighted Mooring Buoy A | BUOY DMGD/LT EXT | 12287 | 199MD | 21/16 |
| 17845 | Nanjemoy Creek Buoy 5 | OFF STA | 12288 | 497BA | 45/15 |
| 18014 | Aquia Creek Daybeacon 31 | DAYMK IMCH | 12288 | 422MD | 34/14 |
| 18014.1 | Aquia Creek Daybeacon 32 | DAYMK DMGD | 12288 | NONEMD | 34/14 |
| 18014.2 | Aquia Creek Daybeacon 33 | DAYMK IMCH | 12288 | 423MD | 34/14 |
| 18014.3 | Aquia Creek Daybeacon 34 | DAYMK DMGD | 12288 | 424MD | 34/14 |
| 18075 | Possum Point Pier Light | LT EXT | 12288 | 448MD | 37/15 |
| 18170 | Leesylvania Park Light 2 | LT EXT | 12288 | 449MD | 37/15 |
| 18601.01 | National Harbor Channel Light 3 | DAYMK MISSING | 12289 | 144MD | 12/16 |
| 18793.1 | Tanner Creek Warning Daybeacon A | DAYMK MISSING | 12233 | 179MD | 23/13 |
| 18793.2 | Tanner Creek Daybeacon 1 | DAYMK MISSING | 12233 | 178MD | 23/13 |
| 18980 | Mill Creek (Patuxent River) Buoy 11 | OFF STA | 12284 | 040MD | 05/16 |
| 19152 | Academy Of Natural Science Intake Light B | STRUCT DEST/HAZ NAV | 12264 | 121MD | 08/15 |
| 19512 | West River Buoy 7 | OFF STA | 12270 | 271MD | 32/16 |
| 19612 | South River Warning Buoy A | MISSING | 12270 | 039MD | 06/13 |
| 19613 | South River Warning Buoy B | MISSING | 12270 | 040MD | 06/13 |
| 20063 | Severn River - Mill Creek Buoy 11 | SINKING | 12283 | 238BA | 16/15 |
| 20210 | Forked Creek Daybeacon 2 | DAYMK MISSING | 12282 | 240MD | 18/14 |
| 21175 | Fairfield Channel Buoy 2 | MISSING | 12281 | 036MD | 08/12 |
| 21180 | Fairfield Channel Buoy 4 | MISSING | 12281 | 037MD | 08/12 |
| 21180 | Fairfield Channel Buoy 4 | OFF STA | 12281 | 286MD | 37/12 |
| 21185 | Fairfield Channel Buoy 6 | MISSING | 12281 | 233MD | 17/07 |
| 21362 | North Locust Point Marine Terminal Pier 7 Warning Buoy A | MISSING | 12281 | 569MD | 01/15 |
| 22095 | Onancock Creek -South Branch Buoy 1 | OFF STA | 12228 | 292MD | 30/08 |
| 22430 | Pocomoke Sound State Boundary Line Daybeacon H | STRUCT DEST/TRUB | 12228 | 165MD | 13/15 |
| 22440 | Pocomoke Sound State Boundary Line Daybeacon K | STRUCT DEST/TRUB | 12228 | NONEMD | 31/15 |
| 22985 | Ward Creek Warning Daybeacon A | MISSING | 12231 | 503MD | 31/05 |
| 23315 | Jones Creek Daybeacon 4 | DAYMK MISSING | 12231 | 402MD | 44/08 |
| 23340 | Jones Creek Daybeacon 12 | DAYMK DMGD | 12231 | 620MD | 45/11 |
| 23670 | Dorchester/Somerset County Line Marker DD | STRUCT DEST/TRUB | 12231 | 166MD | 13/15 |
| 23715 | Dames Quarter Creek Channel Daybeacon 4 | OFF STA/TRUB | 12261 | 242MD | 24/07 |
| 23720 | Dames Quarter Creek Channel Daybeacon 5 | STRUCT DEST/TRUB | 12261 | 260MD | 30/16 |
| 25010 | Cambridge Municipal Yacht Basin Light 1 | MISSING | 12266 | 316MD | 40/12 |
| 25015 | Cambridge Municipal Yacht Basin Light 2 | MISSING | 12266 | 317MD | 40/12 |
| 25020 | Cambridge Channel Range Front Light | LT EXT | 12268 | 420MD | 46/08 |
| 25025 | Cambridge Channel Range Rear Light | LT EXT/DAYMK DMGD | 12268 | 418MD | 46/08 |
| 25330 | Pier Street Marina Daybeacon 1 | STRUCT DEST/HAZ NAV | 12266 | 157MD | 20/13 |
| 25335 | Pier Street Marina Daybeacon 2 | STRUCT DEST/HAZ NAV | 12266 | 168MD | 21/13 |
| 25760 | Upper Edge Creek Daybeacon 5 | STRUCT DEST/HAZ NAV | 12266 | 011MD | 02/15 |
| 26030 | Claiborne Channel Warning Daybeacon | STRUCT DEST | 12270 | NONEMD | 08/16 |
| 26036 | Claiborne Channel Buoy 5 | MISSING | 12266 | NONEMD | 08/16 |
| 26038 | Claiborne Channel Buoy 6 | MISSING | 12270 | 093MD | 08/16 |
| 26039 | Claiborne Channel Warning Buoy A | MISSING | 12270 | 094MD | 08/16 |
| 26040 | Claiborne Channel Warning Buoy B | MISSING | 12270 | NONEMD | 08/16 |
| 26210 | Oak Creek Buoy 3 | MISSING | 12270 | 092MD | 08/16 |
| 26225 | Oak Creek Warning Buoy | STRUCT DEST | 12270 | 265MD | 35/12 |
| 26275 | Cox Creek Daybeacon 5 | MISSING | 12270 | 184MD | 24/13 |
| 26343 | Greenwood Creek Buoy 1G | OFF STA | 12270 | NONEMD | 12/15 |
| 26343.1 | Greenwood Creek Buoy 2 | OFF STA | 12270 | 281MD | 12/15 |
| 26343.2 | Greenwood Creek Buoy 3 | OFF STA | 12270 | NONEMD | 12/15 |

| | | | | | |
|----------|---------------------------------------|-------------------|--------------|--------------|--------------|
| 26343.3 | Greenwood Creek Buoy 4 | OFF STA | 12270 | NONEMD | 12/15 |
| 26343.4 | Greenwood Creek Buoy 5 | OFF STA | 12270 | NONEMD | 12/15 |
| 26343.5 | Greenwood Creek Buoy 6 | OFF STA | 12270 | NONEMD | 12/15 |
| 26343.6 | Greenwood Creek Buoy 8 | OFF STA | 12270 | NONEMD | 12/15 |
| 26343.7 | Greenwood Creek Buoy 10 | OFF STA | 12270 | NONEMD | 12/15 |
| 26343.8 | Greenwood Creek Buoy 12 | OFF STA | 12270 | NONEMD | 12/15 |
| 26343.9 | Greenwood Creek Buoy 13 | OFF STA | 12270 | NONEMD | 12/15 |
| 26990 | Shallow Creek Daybeacon 9 | DAYMK MISSING | 12278 | NONEMD | 20/11 |
| 27230 | Upper Gunpowder River Buoy 2 | MISSING | 12274 | 280MD | 19/15 |
| 27240 | Upper Gunpowder River Buoy 4 | MISSING | 12274 | 279MD | 19/15 |
| 27245 | Upper Gunpowder River Daybeacon 5 | STRUCT DEST | 12274 | 278MD | 19/14 |
| 27250 | Upper Gunpowder River Buoy 6 | MISSING | 12274 | 277MD | 19/15 |
| 27255 | Upper Gunpowder River Buoy 7 | MISSING | 12274 | 276MD | 19/15 |
| 27265 | Upper Gunpowder River Buoy 9 | OFF STA | 12274 | 275MD | 19/15 |
| 27270 | Upper Gunpowder River Buoy 10 | OFF STA | 12274 | 274MD | 19/15 |
| 27280 | Upper Gunpowder River Daybeacon 12 | OFF STA | 12274 | 273MD | 19/15 |
| 27415 | Fairlee Creek Buoy 8 | OFF STA/BUOY DMGD | 12278 | 361MD | 28/14 |
| 27920 | Upper Elk River Buoy 8 | OFF STA | 12274 | 127MD | 16/13 |
| 27925 | Upper Elk River Buoy 9 | OFF STA | 12274 | 128MD | 16/13 |
| 30905 | Wilmington Marine Center Daybeacon 6 | DAYMK DMGD | 11537 | NONENC | 05/16 |
| 30910 | Wilmington Marine Center Daybeacon 7 | DAYMK DMGD | 11537 | NONENC | 05/16 |
| 31060 | Shallotte Inlet Buoy 2 | MISSING | 11534 | 005NC | 01/14 |
| 31087 | Shallotte Inlet Buoy 9 | MISSING | 11534 | 317NC | 23/13 |
| 32725.16 | Swanquarter PPA Warning Daybeacon R | STRUCT DEST | 11548 | 424NC | 33/16 |
| 32725.23 | Swanquarter PPA Warning Daybeacon X | STRUCT DEST | 11548 | 089NC | 09/16 |
| 32725.24 | Swanquarter PPA Warning Daybeacon Y | STRUCT DEST | 11548 | NONENC | 09/16 |
| 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 |
| 33597 | Neuse River UNC Lighted Data Buoy A | MISSING | 11544 | 447NC | 35/16 |
| 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 |
| | Asquith Creek Daybeacon 6 | DAYMK IMCH | 12282 | 520MD | 45/14 |
| | Back Creek-Severn River Buoy 8 | MISSING | 12283 | 310BA | 36/16 |
| | Back River Buoy 6 | BUOY DMGD | | 263MD | 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 | 296MD | 36/13 |
| | Cox Creek Channel Buoy 7 (Patapsco) | ADRIFT | 12278 | 297MD | 36/13 |
| | East Cod Creek Daybeacon 4 | DAYMK MISSING | 12233 | 120MD | 21/12 |
| | East Cod Creek Daybeacon 6 | DAYMK DMGD | 12285 | 318MD | 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 |
| | Hunting Creek Miles River Buoy 2 | BUOY DMGD | 12270 | 228MD | 25/16 |
| | Indian River Bay Shellfish Excl. Buoy | MISSING | 12216 | NONEAC | 08/12 |
| | Irish Creek Buoy 3 | MISSING | 12266 | 208MD | 23/16 |
| | John'S Creek Buoy 3 | LT IMCH | 12270 | 318HR | 37/16 |
| | Little Cove Point Warning Light C | STRUCT DEST | 12264 | 286MD | 36/13 |
| | Old House Cove Warning Daybeacon A | MISSING | 12231 | 0498MD | 31/05 |
| | Old House Cove Warning Daybeacon B | MISSING | 12231 | 0499MD | 31/05 |

| | | | | |
|---|-------------|-------|--------|-------|
| Old House Cove Warning Daybeacon C | MISSING | 12231 | 0500MD | 31/05 |
| Parramore Artificial Reef Buoy | MISSING | 12210 | 0071ES | 21/05 |
| Playtors Creek Dbn 3 | STRUCT DEST | 12266 | 186MD | 18/16 |
| Shark Riv Is Ch By 1 | MISSING | | 215DB | 22/16 |
| Shark River Light 5 | LT EXT | | 395DB | 28/15 |
| Spriggs Pond Buoy 1 | OFF STA | | 268MD | 31/16 |
| St. Michaels Harbor Buoy 11 | MISSING | 12270 | 295MD | 34/16 |
| St. Michaels Harbor Buoy 6 | SINKING | 12270 | 177MD | 16/16 |
| Upper Seneca Creek Channel Buoy 2 | OFF STA | 12278 | 289MD | 34/16 |
| Upper Tangier Sound County Range Marker F | STRUCT DEST | 12231 | 155MD | 14/16 |
| 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 Artificial Reef Buoys | MISSING | 12210 | 0072ES | 21/05 |
| Warehouse Creek Buoy 1 (South River) | MISSING | 12270 | 244MD | 28/16 |

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 |
|-------------|---|---------------------------|--------------|----------|--------------|---------|
| 1093 | Oyster Creek Channel Buoy 39 | DISCONTINUED | 12324 | 446D5 | 37/16 | |
| 1094 | Oyster Creek Channel Buoy 39A | DISCONTINUED | 12324 | 446D5 | 37/16 | |
| 2050 | Harbor Of Refuge North End Light 1 | TRLB | 12216 | 372D5 | 33/16 | |
| 6348 | Virginia Inside Passage Daybeacon 213 | TRUB | 12224 | NONED5 | 02/14 | |
| 7450 | USN Aerial Gunnery Area Warning Daybeacon A | TRLB | 12228 | 500BA | 16/16 | |
| 8150 | Brewerton Channel Range Front Light | RELOCATED | 12281 | 181D5 | 14/15 | |
| 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 | |
| 21215 | Ferry Bar Channel Lighted Buoy 3 | RELOCATED FOR DREDGING | 12281 | 405D5 | 34/16 | |
| 21510 | Mud Creek Channel Daybeacon 1 | DISCONTINUED FOR DREDGING | 12224 | 271HR | 17/15 | |
| 21515 | Mud Creek Channel Daybeacon 2 | TRUB | 12224 | 221D5 | 18/15 | |
| 23510 | Lower Thorofare Channel Light 6 | TRDBN | 12231 | 096D5 | 11/16 | |

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|--------------|--|-------------------------------|--------------|--------------|--------------|
| 28030 | Oregon Inlet Buoy 14A | DISCONTINUED FOR DREDGING | 12204 | 534D5 | 43/15 |
| 28035 | Oregon Inlet Buoy 15 | DISCONTINUED FOR DREDGING | 12204 | 012D5 | 03/16 |
| 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 |
| 28717 | South Ferry Terminal Lighted Buoy 8SF | DISCONTINUED | 11555 | 437D5 | 15/16 |
| 28719 | South Ferry Terminal Lighted Buoy 10SF | DISCONTINUED | 11555 | 437D5 | 15/16 |
| 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 |
| 29372 | Beaufort Inlet Channel Lighted Buoy 13 | RELOCATED FOR DREDGING | 11547 | 448D5 | 34/16 |
| 29380 | Beaufort Inlet Channel Lighted Buoy 15 | RELOCATED FOR DREDGING | 11547 | 448D5 | 37/16 |
| 29440 | Morehead City Channel Lighted Buoy 21 | RELOCATED FOR DREDGING | 11547 | 449D5 | 37/16 |
| 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 |
| 29720 | New River Inlet Buoy 10 | DISCONTINUED | 11541 | NONED5 | 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 |
| 39225 | Bogue Sound - New River Daybeacon 63 | TRUB | 11541 | 386NC | 30/16 |

TEMPORARY CHANGES CORRECTED

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|--------|--|-------------------------------|-----------|----------|--------|---------|
| 9520 | Elizabeth River Channel Lighted Bell Buoy 10 | Returned to Assigned Position | 12245 | 442D5 | 52/15 | 37/16 |
| 9552.5 | Norfolk International Terminal North Channel Lighted Buoy 6N | Returned to Assigned Position | 12245 | 442D5 | 52/15 | 37/16 |

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.

| | | | | | | |
|--|-----------------------------|------------------|------------------------|---------------|---|----------------------------------|
| 11534 | 39th Ed. | 01-NOV-15 | Last LNM: 34/16 | NAD 83 | | 37/16 |
| <i>Chart Title: Intracoastal Waterway Myrtle Grove Sound and Cape Fear River to Casino Creek</i> | | | | | | |
| CHART NC-SC-ICW-MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK. Page/Side: N/A | | | | | | |
| RELOCATE | Carolina Beach Inlet Buoy 2 | | | | CGD05 from 34-04-53.164N to 34-04-49.117N | 077-51-43.961W 077-51-42.762W |
| 11539 | 20th Ed. | 01-SEP-14 | Last LNM: 46/15 | NAD 83 | | 37/16 |
| <i>Chart Title: New River Inlet to Cape Fear</i> | | | | | | |
| Main Panel 500 NEW RIVER INLET TO CAPE FEAR NORTH CAROLINA. Page/Side: A | | | | | | |
| RELOCATE | Carolina Beach Inlet Buoy 2 | | | | CGD05 from 34-04-53.164N to 34-04-49.117N | 077-51-43.961W 077-51-42.762W |
| 12221 | 82nd Ed. | 01-FEB-14 | Last LNM: 36/16 | NAD 83 | | 37/16 |
| <i>Chart Title: Chesapeake Bay Entrance</i> | | | | | | |
| Main Panel 558 CHESAPEAKE BAY ENTRANCE. Page/Side: N/A | | | | | | |

| | | | | | | |
|--|-----------------|---|------------------------|---------------|---|----------------------------------|
| | CHANGE | Back Creek - Mobjack Bay Light 1 to Back Creek - Mobjack Bay Light 1BC, FIG 4s, 15FT, 4M, at | | | CGD05 37-12-36.515N | 076-24-46.808W |
| 12222 | 55th Ed. | 01-FEB-15 | Last LNM: 36/16 | NAD 83 | | 37/16 |
| <i>ChartTitle: Chesapeake Bay Cape Charles to Norfolk Harbor</i> | | | | | | |
| Main Panel 559 CHESAPEAKE BAY CAPE CHARLES TO NORFOLK HARBOR. Page/Side: A | | | | | | |
| | RELOCATE | Elizabeth River Channel Lighted Bell Buoy 10 (Supercedes LNM 01/16) | | | CGD05 from 36-56-36.331N to 36-56-35.931N | 076-20-24.914W 076-20-22.966W |
| | RELOCATE | Norfolk International Terminal North Channel Lighted Buoy 6N (Supercedes LNM 01/16) | | | CGD05 from 36-55-31.105N to 36-55-31.772N | 076-19-55.449W 076-19-54.049W |
| 12225 | 60th Ed. | 01-NOV-11 | Last LNM: 36/16 | NAD 83 | | 37/16 |
| <i>ChartTitle: Chesapeake Bay Wolf Trap to Smith Point</i> | | | | | | |
| Main Panel 563 CHESAPEAKE BAY WOLF TRAP TO SMITH POINT. Page/Side: N/A | | | | | | |
| | CHANGE | Carter Creek Light 1 to Carter Creek Light 1CC, at | | | CGD05 37-38-56.324N | 076-26-35.570W |
| 12228 | 34th Ed. | 01-MAY-16 | Last LNM: 36/16 | NAD 83 | | 37/16 |
| <i>ChartTitle: Chesapeake Bay Pocomoke and Tangier Sounds</i> | | | | | | |
| Main Panel 566 CHESAPEAKE BAY POCOMOKE AND TANGIER SOUNDS. Page/Side: A | | | | | | |
| | CHANGE | Tangier Island West Channel Light 4 to FIR 4s, 15FT, 4M at | | | CGD05 at 37-49-55.275N | 075-59-53.206W |
| 12230 | 66th Ed. | 01-APR-13 | Last LNM: 36/16 | NAD 83 | | 37/16 |
| <i>ChartTitle: Chesapeake Bay Smith Point to Cove Point</i> | | | | | | |
| CHART VA-MD-CHESAPEAKE BAY: SMITH POINT TO COVE POINT. Page/Side: N/A | | | | | | |
| | RELOCATE | Wicomico River Channel Light 16 | | | CGD05 from 38-14-31.749N to 38-14-31.856N | 075-51-00.167W 075-51-00.152W |
| 12235 | 34th Ed. | 01-FEB-14 | Last LNM: 31/16 | NAD 83 | | 37/16 |
| <i>ChartTitle: Chesapeake Bay Rappahannock River Entrance, Piankatank and Great Wicomico Rivers</i> | | | | | | |
| CHART VA-CHESAPEAKE BAY: RAPPAHANNOCK RIVER ENTRANCE (PIANK & GRT WIC RV). Page/Side: N/A | | | | | | |
| | CHANGE | Carter Creek Light 1 to Carter Creek Light 1CC, at | | | CGD05 37-38-56.324N | 076-26-35.570W |
| 12237 | 28th Ed. | 01-NOV-13 | Last LNM: 12/16 | NAD 83 | | 37/16 |
| <i>ChartTitle: Rappahannock River Corrotoman River to Fredericksburg</i> | | | | | | |
| CHART VA- RAPPAHANNOCK RIVER- CORROTOMAN RIVER TO FREDRICKSBURG. Page/Side: N/A | | | | | | |
| | CHANGE | Carter Creek Light 1 to Carter Creek Light 1CC, at | | | CGD05 37-38-56.324N | 076-26-35.570W |
| 12238 | 41st Ed. | 01-JUL-14 | Last LNM: 36/16 | NAD 83 | | 37/16 |
| <i>ChartTitle: Chesapeake Bay Mobjack Bay and York River Entrance</i> | | | | | | |
| Main Panel 580 CHESAPEAKE BAY MOBJACK BAY AND YORK RIVER ENTRANCE. Page/Side: A | | | | | | |
| | RELOCATE | Davis Creek Channel Light 10 | | | CGD05 from 37-19-51.325N to 37-19-51.730N | 076-17-58.267W 076-17-58.355W |
| | CHANGE | Back Creek - Mobjack Bay Light 1 to Back Creek - Mobjack Bay Light 1BC, FIG 4s, 15FT, 4M, at | | | CGD05 37-12-36.515N | 076-24-46.808W |
| | CHANGE | West Branch Channel Entrance Light 1 to West Branch Channel Entrance Light 1WB, FIG 4s, 15FT, 4M, at | | | CGD05 37-13-11.914N | 076-27-58.227W |
| 12241 | 23rd Ed. | 01-MAR-14 | Last LNM: 24/16 | NAD 83 | | 37/16 |
| <i>ChartTitle: York River Yorktown and Vicinity</i> | | | | | | |
| Main Panel 581 YORK RIVER YORKTOWN AND VICINITY. Page/Side: N/A | | | | | | |
| CGD05 | | | | | | |

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

Approved Project(s)

Project Date

Ref. LNM

None

Advance Notice(s)

VA - POTOMAC RIVER - LITTLE WICOMICO RIVER – SLOUGH CREEK - CHANGE AID TYPE

Due to waterway constraints the Coast Guard's local construction tender was been unable to access Slough Creek for maintenance. The Coast Guard had the wreckage from Slough Creek Light 7 (LL 16405) removed by a contractor and will permanently establish Slough Creek Buoy 7 (LL 16405).

Chart 12233

LNM: 36/16

VA – SEACOAST – CHESAPEAKE LIGHT

The Coast Guard is discontinuing Chesapeake Light (LL 360) as a Federal Aid to Navigation. In 2012, the Coast Guard transferred ownership of the Chesapeake Light structure to the US Department of Energy, but maintained responsibility to maintain the light. The structure is now in the process of being sold to private interests and will no longer be a federally-owned property. In July 2015, the Coast Guard requested comments on the use of Chesapeake Light for navigation safety. No comments were received indicating its need for safe navigation. Thus, the Coast Guard will be disestablishing the Federal aid to navigation light, RACON and horn on Chesapeake Light on or about September 22, 2016 when the private aid is established. In its place, the Department of Energy and, subsequently, the structure's new owners will establish Chesapeake Light warning lights as private aids to navigation. These will be slow flashing white lights.

Charts: 12207 12208 12221

LNM: 36/116

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

Proposed Project(s)

Closing

Docket No.

Ref. LNM

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

****DE/NJ- DELAWARE RIVER MAIN CHANNEL- PEA PATCH ISLAND- PROPOSED DISCONTINUATION OF TWO DESTROYED FIXED AIDS TO NAVIGATION****

The Coast Guard is proposing to discontinue Pea Patch Island Dike Light B (LLNR 2915) and Pea Patch Island Spawn Daybeacon PPD (LLNR 2865). The Coast Guard found the structures destroyed on September 7, 2016. Upon evaluation of the marine traffic patterns in the waterway and structural condition of the remaining six aids to navigation marking the dike, and the recent range improvements to the main channel, the Coast Guard concluded that the waterway is adequately marked without needing to rebuild these two aids to navigation. 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: 5th Coast Guard District Special Notice Waterway Feedback Form.

All comments will be carefully considered and are requested prior to October 18, 2016, to be considered in the analysis. Refer to project number 05-16-139.

Send comments to tiffany.a.johnson@uscg.mil or CGD5Waterways@uscg.mil, or

U.S. Coast Guard Fifth District
Waterways Management (dpw)

Attn: LCDR Johnson
431 Crawford Street
Portsmouth, VA 23704

Chart 12311

LNM: 37/16

******NJ- DELAWARE BAY- EAST SIDE- CHANGE TO FORTESCUE ENTRANCE LIGHTED BUOY 2F SEASONAL RELIEF******

The Coast Guard is proposing the following modifications the seasonal relief schedule for Fortescue Entrance Lighted Buoy 2F (LLNR 1955): The lighted buoy will be removed 01 December through 01 April, annually, and the CG will eliminate the seasonal establishment of the nun buoy. The nun buoy has gone missing during each winter since 2012. 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: 5th Coast Guard District Special Notice Waterway Feedback Form.

All comments will be carefully considered and are requested prior to October 18, 2016, to be considered in the analysis. Refer to project number 05-16-126.

Send comments to tiffany.a.johnson@uscg.mil or CGD5Waterways@uscg.mil, or
U.S. Coast Guard Fifth District
Waterways Management (dpw)
Attn: LCDR Johnson
431 Crawford Street
Portsmouth, VA 23704

Chart 12304

LNM: 36/16

******NJ - DELAWARE BAY - CAPE MAY CANAL WEST ENTRANCE - CHANGE TO BUOY SEASONAL RELIEFS******

The Coast Guard is proposing to change when Cape May Canal West Entrance Approach Lighted Buoy 4 (LLNR 1650) and Cape May Canal West Entrance Approach Lighted Buoy 5 (LLNR 1655) would be replaced by a lighted ice buoy (LIB) of reduced intensity. Rather than being replaced with a LIB of reduced intensity between December 01 and March 15, annually, Cape May Canal West Entrance Approach Lighted Buoy 4 (LLNR 1650) and Cape May Canal West Entrance Approach Lighted Buoy 5 (LLNR 1655) would only be replaced by a LIB if the aids became 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: 5th Coast Guard District Special Notice Waterway Feedback Form.

All comments will be carefully considered and are requested prior to October 18, 2016, to be considered in the analysis. Refer to project number 05-16-127.

Send comments to tiffany.a.johnson@uscg.mil or CGD5Waterways@uscg.mil, or
U.S. Coast Guard Fifth District
Waterways Management (dpw)
Attn: LCDR Johnson
431 Crawford Street
Portsmouth, VA 23704

Chart 12214

LNM: 36/16

MD/VA – POTOMAC RIVER – PORT TOBACCO RIVER – PROPOSED CHANGES TO AIDS TO NAVIGATION

The Coast Guard is soliciting comment on the following changes to the aids to navigation marking Port Tobacco River.

Rename:

Port Tobacco River Daybeacon 10 (LL 17795) to Port Tobacco River Daybeacon 8

Port Tobacco River Daybeacon 14 (LL 17805) to Port Tobacco River Daybeacon 10

Port Tobacco River Daybeacon 15 (LL 17810) to Port Tobacco River Daybeacon 11

Discontinue:

Port Tobacco River Daybeacon 12, TRUB (LL 17800) marked with a temporary buoy. 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 September 26, 2016 to be considered in this analysis. Refer to project number 05-16-121(D)

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

Charts: 12285 12288

LNM: 34/16

SECTION VII - GENERAL

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

VA – CHESAPEAKE BAY – CAPE CHARLES TO NORFOLK HARBOR - JOINT EXPEDITIONARY BASE LITTLE CREEK FORT STORY – LIVE FIRING

Live firing is conducted continuously in Danger Zone 334.370, the area west of the south end of the Chesapeake Bay Bridge Tunnel, bounded by the following positions 36-55-24N 76-08-43W, 36-55-50N 76-08-37W, 36-57-16N 76-08-14W, 36-57-16N 76-08-14W, 36-56-58.5N 76-07-11W, 36-57-07N 76-07-44W. Firing is conducted Monday through Friday from 7:00 am to 8:00 pm. For questions or concerns about these operations you may contact Range Operations and Training Area, Mr. Assaf or Ms. Lawrence at 757-422-7103/7101.

VA – CHESAPEAKE BAY – CAPE CHARLES TO NORFOLK HARBOR - JOINT EXPEDITIONARY BASE LITTLE CREEK FORT STORY – LIVE FIRING

Charts: 12222 12254

LNM: 19/16

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.

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

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 075-31.0W, 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 are placed at a minimum of 40 feet depth (MLLW) to preclude them as hazards to navigation.

Chart 12200

LNM: 01/16

VA – APPROACHES TO CHESAPEAKE BAY – HYDROPHONES

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.

Charts: 12207 12208

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

NC - NEW RIVER - FIRING EXERCISES

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

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.

LNM: 13/16

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.

LNM: 01/16

PA/NJ – DELAWARE RIVER PHILADELPHIA TO TRENTON – DELAWARE RIVER TURNPIKE BRIDGE

Atlantic Subsea Inc will be conducting repairs to the bridge fender systems and pier structure on the Rte I-276, Delaware River Turnpike Bridge in Burlington Twp, NJ & Bristol Twp, PA. Work will be conducted between 9 August and approximately mid October 2016. Normal hours of operation 7:00 am to 3:30 pm. The 200 ft crane barge Tioga with a 25' safely boat will be on scene. Site contact: Dean Brady, cell 856-207-3005 or VHF channel 13 Office contact: Ajay A Talwar, 856-241-3544 ext 14, Answering service (24/7), 856-427-5312

Chart 12314

LNM: 32/16

PA/NJ – DELAWARE RIVER – PHILADELPHIA TO TRENTON – TACONY - PALMYRA BRIDGE

PA/NJ – DELAWARE RIVER – PHILADELPHIA TO TRENTON – TACONY - PALMYRA BRIDGE

The SR 73 (Tacony-Palmyra) Bridge over Delaware River, mile 107.2, in Tacony, PA and Palmyra, NJ will remain in the closed-to-navigation position to facilitate bridge maintenance and repairs. The bridge will remain in the closed position from 6 a.m. to 6 p.m.; Monday-Friday; September 12 through September 16, 2016 and September 19 through September 23, 2016. The bridge will also remain in the closed-to-navigation position from 7 a.m. to 6 p.m. on alternative work dates from September 26, 2016 through September 30, 2016. The bridge will not be able to open for emergencies and there is no immediate alternative route for vessels to pass. Mariners able to pass under the closed span (50 feet above mean high water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area.

Chart 12314

LNM: 36/16

DE – DELAWARE RIVER – APPOQUINIMINK RIVER – BRIDGE MAINTENANCE

An engineering firm, on behalf of Delaware Department of Transportation, will be performing maintenance and repair at SR 299 Bridge over Appoquinimink River, mile 6.8, in Odessa, DE. The maintenance will be conducted September 12 through November 11, 2016; M-F, 6 a.m. to 3 p.m.; alternative work days will be Saturday and Sunday. The waterway beneath the east side of the bridge will be closed from September 12 through October 12, 2016 and the waterway beneath the west side of the bridge will be closed to vessel traffic from October 13 through November 11, 2016. During this bridge maintenance project, mariners should navigate the waterway with extreme caution and with due regard for prevailing conditions on the waterway. A barge, work vessel and a dive team will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will not be able to relocate from the portion of the waterway during the maintenance project. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (443) 761-3161. Mariners should use extreme caution when transiting the area.

Chart 12311

LNM: 36/16

NJ – SEACOAST – LITTLE EGG INLET TO HEREFORD INLET – TEMPORARY RESEARCH BUOY

On or about July 8, Ocean Power Technologies will establish a temporary research buoy approximately 5 nautical miles southeast of Brigantine Inlet and 7.5 nautical miles north northeast of Absecon Inlet to be discontinued on or about October 11. The yellow can buoy is 6 feet above the water, with a slow flashing yellow light.

Brigantine Inlet Research Buoy A FIY 4S 39-23-30 N, 074-15-00 W

Chart 11520

LNM: 27/16

NJ – SEACOAST – LITTLE EGG INLET TO HEREFORD INLET – OFF SHORE LITTLE EGG INLET - CINAR STORM BUOY

On or about 2 Aug through 1 Dec 2016 the University of Maryland, Center for Environmental Science will be deploying a CINAR Tempests Storm monitoring buoy in approximate position 39° 28' 7.2" N, 74° 13' 52.2" W. The buoy is yellow in color and shows a W FL 4S light at night with approximately 7 ft of the buoy showing above the water line. For information or concerns contact Bill Boicourt or Mark Neary at 410-221- 8426 or 207-266-0474, boicourt@umces.edu, mark.g.neary@maine.edu.

Chart 12318

LNM: 31/16

******NJ – SANDY HOOK TO LITTLE EGG HARBOR - SHARK RIVER – DREDGING******

Mobile Dredging and Pumping will be conducting dredging of the main navigational channel in the Shark River, near Neptune City, NJ, from September 6 through October 7, 2016, from 7 a.m. to 7 p.m. on Mondays through Fridays. From Fridays 7 p.m. through Mondays at 7 a.m. the channel will be open but with on-going active dredging operations. During this period mariners are urged to transit at their slowest safe speed, with no wake, and no meeting or passing of other vessels. The Coast Guard is establishing a Safety Zone that will close the main navigational channel at these times on all the navigable waters on the Shark River from latitude 40° 10' 53.2579"n, longitude 074° 01' 52.6231"w, bounded by the eastern side of the channel and the western side of the channel, north, to latitude 40° 11' 21.0139"n, longitude 074° 01' 53.1749w. Transiting or anchoring within this portion of Shark River during these times is prohibited. Vessels are requested to contact the dredge via VHF-FM channel 6, 13 or 16 to make satisfactory passing arrangement and maintain a safe speed when transiting the main navigational channel during times of channel openings. Mariners should adjust their transits accordingly during times of channel closure and proceed with caution in the area.

Chart 12324

LNM: 37/16

NJ – BARNEGAT BAY - OYSTER CREEK CHANNEL – DREDGING

Barnegat Bay Dredging Company will be conducting dredging operations in Oyster Creek Channel, in Ocean Township, NJ from September 8 to October 1, 2016. The Dredge Fullerton will be conducting dredging between Oyster Creek Channel Buoy 37 (LLNR 1080) and Oyster Creek Channel Buoy 41 (LLNR 1097). The dredge and work vessels will monitor VHF-FM channel 13 and 16. Mariners are advised to proceed with caution when transiting the area.

Chart 12323

LNM: 36/16

NJ – NEW JERSEY INTRACOASTAL WATERWAY – SANDY HOOK TO LITTLE EGG HARBOR – SR 35 – SHARK RIVER BRIDGE INSPECTION

An engineering firm, on behalf of New Jersey Department of Transportation, will be performing an inspection at the SR 35 Bridge over Shark River, mile 0.9, Belamar and Neptune, NJ. The inspection will be conducted between August 8, 2016 and November 30, 2016; M-F; from 8 a.m. to 6 p.m. A snooper truck will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (201) 214-7242. Mariners are requested to notify the project foreman at least thirty minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12324

LNM: 36/16

NJ – SANDY HOOK TO LITTLE EGG HARBOR - SHARK RIVER – DREDGING

Mobile Dredging and Pumping will be conducting dredging of the main navigational channel in the Shark River, near Neptune City, NJ, from September 1 through September 30, 2016, from 9 a.m. on Mondays through 9 p.m. on Thursdays, except for Labor Day weekend 6 a.m. Friday September 2, 2016 through 12 p.m. Tuesday September 6, 2016. The Coast Guard is establishing a Safety Zone that will close the main

NJ – SANDY HOOK TO LITTLE EGG HARBOR - SHARK RIVER – DREDGING

navigational channel at these times on all the navigable waters on the Shark River from latitude 40° 10' 53.2579"n, longitude 074° 01' 52.6231"w, bounded by the eastern side of the channel and the western side of the channel, north, to latitude 40° 11' 21.0139"n, longitude 074° 01' 53.1749w. Entry into, transiting, or anchoring within this portion of shark river during these times is prohibited. The main navigational channel of this portion of the Shark River will be open for vessel traffic Thursdays from 9 p.m. through Mondays at 9 a.m. and on Labor Day weekend 6 a.m. Friday September 2, 2016 through 12 p.m. Tuesday September 6, 2016. Vessels are requested to contact the dredge via VHF-FM channel 13 or 16 to make satisfactory passing arrangement and maintain a safe speed when transiting the main navigational channel during times of channel openings. Mariners should adjust their transits accordingly during times of channel closure and proceed with caution in the area.

Chart 12324

LNM: 35/16

NJ – INTRACOASTAL WATERWAY–LITTLE EGG HARBOR TO CAPE MAY–ATLANTIC CITY – BRIDGE CLOSURE

The US40-322 (Albany Avenue) Bridge over NJICW (Inside Thorofare), mile 70.0, in Atlantic City, NJ will remain in the closed-to-navigation position to facilitate the Atlantic City IRONMAN Triathlon. The bridge will remain in the closed position between 6:30 a.m. to 2 p.m. on Sunday, September 18, 2016. Mariners able to pass under the bridge in the closed position (10 feet above MHW) may do so, and others should adjust their transits accordingly. The bridge will be able to open for an emergency. Mariners requiring an emergency opening should notify the bridge no less than fifteen minutes prior to navigating through the bridge and should use caution when transiting the area.

Chart 12316

LNM: 35/16

NJ – LITTLE EGG INLET TO HEREFORD INLET – GREAT EGG ISLAND INLET – BEESLEYS POINT TEMPORARY BUOYS

On or about July 25 until about December 31, 2016, Route 52 Constructors will temporarily establish two buoys, one red and one green, to mark best water for vessels transiting Great Egg Harbor Bay while the final section of the old Beesleys Point Bridge (Rt 9) is removed. These buoys will shift the channel approximately 100 feet south of the existing channel so that vessels will no longer transit under the bascule bridge leaves. Once the final section of the bridge is removed, the buoys will be disestablished. Mariners are reminded to proceed with caution when navigating near the remaining section of the old Beesleys Point Bridge.

Beesleys Point Buoy 1 39-17-32.4N, 074-37-34.1W Green Can
Beesleys Point Buoy 2 38-17-32.9N, 076-37-34.3W Red Nun

Chart 12316

LNM: 28/16

NJ – GREAT EGG HARBOR INLET – GREAT EGG HARBOR – TUCKAHOE RIVER

Mariners are advised of the continued demolition work at the Route 50/State Highway Bridge, at mile 8.0, across Tuckahoe River between Corbin City and Upper Township NJ. The next stage of demolition work will include removal of the bridge superstructure, abutment walls, fender system and the bascule piers, work will be conducted from 7:00 a.m. to 3:30 Monday through Friday beginning in September 2016 and ending in January 2017. Mariners should adjust their transits accordingly.

Chart 12318

LNM: 31/16

******NJ – GREAT CHANNEL - STONE HARBOR – DREDGING******

Stevenson Environmental Services will be conducting dredging operations in the Great Channel, in Stone Harbor, NJ from September 20, 2016 through January 26, 2017. Dredging will be located in the South Basin, Snug Harbor, Stone Harbor, Pleasure Bay and access channel, Carnival Bay and access channel, Sanctuary Bay and access channel, Paradise Bay, Stone Harbor Hole, and access channel. At no time will the main navigational channel be closed for vessel traffic. Dredging is being completed with a mechanical dredge, also tug boats and scows will be in the vicinity of the dredging. Work hours are 24 hours a day, 7 days a week. Dredge and work vessels will monitor VHF-FM channel 13 and 16.

Chart 12316

LNM: 37/16

MD – OFF SHORE – SURVEY ACTIVITIES

US Wind intends to conduct survey activities within an area that includes a proposed cable corridor, extending from the Maryland Wind Energy Area, located in Federal waters on the Outer Continental Shelf, into Indian River Bay in Delaware. See Enclosure 7 of this LNM and <http://www.boem.gov/Maryland/>. The survey will include High Resolution Geophysical (HRG) surveys, vibracores, and benthic grab samples. The HRG survey will consist of a towed array of geophysical instrumentation throughout a 300-500 meter corridor centered along the proposed cable route. Vibracores and benthic grabs will also be collected along the center line of the proposed cable corridor. The survey work, beginning with the HRG survey, is scheduled to begin late-August (weather dependent) and continue for a period of up to 45 days. The HRG survey will be conducted 24-hours a day. Geophysical surveys and all vibracore and benthic grab sampling will be conducted during daylight hours only. If you have any additional questions or require additional information please contact Paul Rich of US Wind at (410) 727-4020.

Charts: 12200 12211

LNM: 34/16

MD – CHESAPEAKE BAY – CHESAPEAKE BAY BRIDGE – MAINTENANCE

An engineering firm, on behalf of Maryland Transportation Authority, will be performing maintenance on the US 50 (William Preston Lane, Jr. Memorial Bridge), also known as the Chesapeake Bay Bridge, over the Chesapeake Bay at mile 138.1, in Annapolis, MD. An access platform and staircase will be installed on the westbound structure at pier 31 on the north side. The installation of the access platform will occur between August 29, 2016 to October 29, 2016; from 6 a.m. to 4 p.m. A tug and barge will be in and around the vicinity of the bridge during the installation process. Once the access platform is installed, the work party will be transported to and from the scene by a 26' vessel. The vessel will remain on-scene while work is being conducted to serve as safety platform. The access platform will be marked at each corner at night with a red light to alert mariners of the structure attached to the pier. The project foreman can be reached at (410) 375-7121. Mariners are urged to use caution when transiting the area.

Chart 12280

LNM: 35/16

MD – SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE INLET – OFF SHORE OCEAN CITY INLET – CINAR STORM BUOY

On or about 2 Aug through 1 Dec 2016 the University of Maryland, Center for Environmental Science will be deploying a CINAR Tempests Storm monitoring buoy in approximate position 38° 16' 4" N, 75° 00' 23". The buoy is yellow in color and shows a W FL 4S light at night with

MD – SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE INLET – OFF SHORE OCEAN CITY INLET – CINAR STORM BUOY

approximately 7 ft of the buoy showing above the water line. For information or concerns contact Bill Boicourt or Mark Neary at 410-221- 8426 or 207-266-0474, boicourt@umces.edu, mark.g.neary@maine.edu.

Chart 12211

LNM: 31/16

******MD – CHESAPEAKE BAY – POPLAR ISLAND – DREDGING OPERATIONS******

Norfolk Dredging Dredge Essex and Dredge Chesapeake along with support equipment and tender boats ROBBIE R, HILTON HEAD and PUSHER 11, will commence dredging operations at Poplar Island, Maryland or about September 9, and continue through November 5, 2016. A submerged pipeline will be placed from the dredging area to the Poplar Island site. The Dredge Operators will standby on channels 13 and 16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage. For further information contact: Norfolk Dredging Company at 757-547-9391.

Chart 12266

LNM: 37/16

MD- CHESAPEAKE BAY - HARRIS CREEK - OYSTER REEF RESTORATION

The U.S. Army Corps of Engineers and Maryland Department of Natural Resources have placed rock and shell at 66 sites to restore oyster reef habitat in Harris Creek in Talbot County, MD. In those areas, water depths are 1 ft to 2 ft shallower than what is currently shown on navigational charts. Please be vigilant when navigating through these areas. Oyster Reef locations may be seen on Enclosure 8. A general map, finer scale maps, and coordinates of the restoration areas are available at

<http://www.nab.usace.army.mil/Missions/Environmental/OysterRestoration.aspx>

Contact the USACE Project Manager, Anna Compton - 410-962-4633 or anna.m.compton@usace.army.mil for further information.

Charts: 12266 12270

LNM: 17/16

MD - CHESAPEAKE BAY - PATUXENT RIVER AND VICINITY – COVE POINT

Dominion Cove Point LNG Liquefaction Project will be deploying construction material in the Cedar Point Artificial Reef located at just south of the Patuxent River bounded by the following positions.

38-19.03N, 76-23.03W

38-18.67N, 76-22.25W

38-18.82N, 76-23.22W

38-18.53N, 76-22.40W

The deployment of reef material will occur between Sep 1 and Oct 31 2016.

Chart 12264

LNM: 32/16

MD/VA - POTOMAC RIVER - HARRY NICE MEMORIAL BRIDGE – REPLACEMENT

Mariners, adjacent property owners, and government agencies are notified that the Maryland Transportation Authority (MDTA) is proposing to replace the Harry Nice Memorial/Route 301 Bridge (also known as the Potomac River Bridge) across the Potomac River. The MDTA is proposing to replace the bridge at a reduced vertical height of 106.5 feet above mean high water and horizontal clearances of 250 feet. The reduction in width would not prohibit any vessel recorded in the past five years from passing and is not anticipated to restrict future vessel traffic. MDTA proposes the design change will help improve traffic conditions in the area. Comments should be sent to the address listed in the Public Notice, attention (dpb), no later than October 6, 2016. Copies of Preliminary Public Notice 5-1365, which describes the proposal in detail can be obtained by calling (757) 398-6227 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges&Active=1®ion=5>.

Chart 12286

LNM: 35/16

MD/VA – CHESAPEAKE BAY – SMITH ISLAND – TEMPORARY MOORING BUOYS

From about July 23, 2016 until about October 23, 2016, Coastal Design and Construction will temporarily establish six mooring buoys on the west side of Smith Island off of Hog Neck to support work barges for a shoreline protection project. The buoys will be white with blue bands and rise 3 feet above the waterline.

Hog Neck Mooring Buoy A 37-57-00N, 076-03-30W

Hog Neck Mooring Buoy B 37-56-48N, 076-03-30W

Hog Neck Mooring Buoy C 37-57-18N, 076-03-09W

Hog Neck Mooring Buoy D 37-57-27N, 076-03-09W

Hog Neck Mooring Buoy E 37-57-34N, 076-03-09W

Hog Neck Mooring Buoy F 37-57-40N, 076-03-09W

Chart 12231

LNM: 29/16

DC – POTOMAC RIVER - WASHINGTON HARBOR – FRANCIS SCOTT KEY BRIDGE – REPAIRS

The District of Columbia Department of Transportation (DDOT) will be repairing the existing US-29/Francis Scott Key Bridge (also known as the Key Bridge), across the Potomac River at mile 113, between Rosslyn, Arlington County, VA and Georgetown, Washington, DC. The project is scheduled to begin on September 20, 2016, and take place Mondays through Fridays, from 7 a.m. to 5 p.m. The two-year rehabilitation project includes repairing deteriorated concrete bridge arches and piers, re-surfacing the bridge deck, and installing a fiberglass jacket at the footer of each pier. To facilitate these repairs, reach the lower portions of the bridge, and conduct the project safely when working over the waterway, 40 ft x 80 ft deck barges will be positioned (spudded) next to the bridge piers, within the 200-ft wide span, at all times. In addition, a pushboat and barge with telehandler will be used to transport materials and debris between the bridge piers and the staging area located along the DC shoreline at the bridge. All marine equipment will be lighted in accordance with USCG regulations. Mariners are urged to use caution when transiting the area, remain alert for on-water activity at the bridge and staging area, and reduce speed to minimize wake near the work site. Interested mariners can contact the bridge project's tender boat via marine band radio VHF-FM channel 16 during the work period. For any questions or concerns, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2693.

Chart 12289

LNM: 35/16

VA – CHESAPEAKE BAY – LYNNHAVEN RIVER EASTERN BRANCH – SHOALING - CHANGES TO AIDS TO NAVIGATION

Due to shoaling in the Lynnhaven River Eastern Branch, the City of Virginia Beach will realign existing buoys and add new buoys to aid mariners in safe navigation. This re-marking of the channel will likely happen within the next few weeks and would relocate existing buoys 1EB, 2EB, and 2A and establish three new buoys.

Relocate:

- 10332 Lynnhaven River Eastern Branch Buoy 1EB, 36-53-51.1N, 076-05-08.3W, Green Can
- 10332.01 Lynnhaven River Eastern Branch Buoy 2EB, 36-53-50.5N, 076-05-09.3W, Red Nun
- 10332.03 Lynnhaven River Eastern Branch Buoy 2A, 36-53-42.2N, 076-05-04.5W, Red Nun

Establish:

- Lynnhaven River Eastern Branch Buoy 1A, 36-53-42.5N, 076-05-03.4W, Green Can
- Lynnhaven River Eastern Branch Buoy 1B, 36-53-36.5N, 076-05-01.3W, Green Can
- Lynnhaven River Eastern Branch Buoy 2B, 36-53-35.9N, 076-05-02.4W, Red Nun

In the meantime, mariners are reminded to proceed with caution when navigating the Lynnhaven River Eastern Branch, particularly between Lynnhaven River Junction Daybeacon EW (LLNR 10187) and Lynnhaven River Eastern Branch Buoy 3 (LLNR 10332.1).

Chart 12254

LNM: 34/16

******VA – CHESAPEAKE BAY – CAPE CHARLES TO NORFOLK HARBOR - JOINT EXPEDITIONARY BASE LITTLE CREEK FORT STORY – MILITARY OPERATIONS******

Military Operations will be conducted in the following areas during the dates and times listed. Operations may consist of swimmers in the water, small boat operations consisting of four to seven boats, beach landing craft, unmanned aerial vehicles, helicopter air drops and recovery.

Naval Anchorage Area A & B, 1 Sep 2016. Between the hours of 7:00 am and 1:00 pm.

Naval Anchorage Area A, 1 Sep 16. Between the hours of 7:00 am and 4:00 pm.

Naval Anchorage Area A & B, 2 Sep 2016. Between the hours of 8:00 am and 4:00 pm.

Naval Anchorage Area A, 13 Sep 16. Between the hours of 9:00 am and 3:00 pm.

Naval Anchorage Area A & B, 19 Sep 16. Between the hours of 8:00 am and 10:00 am.

Naval Anchorage Area A, 20 Sep 16. Between the hours of 9:00 am and 4:00 pm.

Naval Anchorage Area A & B, 23 Sep 16. Between the hours of 8:00 am and 10:00 am.

For questions or concerns about these operations you may contact Range Operations and Training Area, Mr. Assaf or Ms. Lawrence at 757-422-7103/7101.

Charts 12222, 12254

Charts: 12222 12254

LNM: 20/16

VA – HAMPTON ROADS - WILLOUGHBY BAY - SHOALING

The USACE has reported shoaling in Willoughby Channel to 2.6 feet MLLW in the vicinity of Willoughby Channel Buoy 3 (LLNR 10583).

Chart 12245

LNM: 34/16

VA – NORFOLK HARBOR AND ELIZABETH RIVER–SOUTHERN BRANCH - SOUTH NORFOLK JORDAN BRIDGE

An engineering firm, on behalf of FIGG Bridge Managers LLC, will be performing maintenance at SR 337 (South Norfolk Jordan Bridge) bridge over Elizabeth River (Southern Branch), mile 2.8, in Chesapeake, VA and Portsmouth, VA. The maintenance will be conducted on August 29, 2016 through September 23, 2016; M-F; from 7 a.m. to 5:30 p.m. Repairs to the fendering system of the bridge will occur. A side loadable warping tug (90 ft. x 21ft. x 5 ft.) and a 21 ft. work boat will be in and around the vicinity of the bridge. During the maintenance period, the horizontal clearance will be reduced to 240 ft. Vessels who can safely transit through the reduced horizontal clearance, may do so at any time. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (252) 655-1243 and VHF-FM channel 13. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and should use caution when transiting the area.

Chart 12253

LNM: 34/16

VA – ELIZABETH RIVER – LAMBERTS BEND REACH – DREDGING

The Cottrell Contracting Corporation of Chesapeake, Virginia Dredge Rockbridge will be conducting dredging operations within the Elizabeth River Channel, Lamberts Bend Reach between Elizabeth River Channel Lighted Buoy 25 (LLNR 9710) and Elizabeth River Channel Lighted Buoy 30 (LLNR 9735). Additionally, the dredge will be conducting operation within the Navy Depurging Station (on the west side of the channel). The dredge will conduct operations from September 1 through November 1, 2016.

Chart 12253

LNM: 36/16

******VA - SOUTHERN BRANCH OF THE ELIZABETH RIVER - MILITARY EXERCISE******

Norfolk Naval Shipyard (NNSY) Harbor Patrol Unit will be conducting a security exercise with blank live fire along their base waterfront on the Southern Branch of the Elizabeth River in approximate position 36-48-41N, 76-17-31W 14 September 2016, between the hours of 12:30 pm to 3:30 pm. Vessels from NSA-NNSY Harbor Patrol Unit and Atlantic Targeting 8M Rigid Hulled Inflatable Boat will take part in the exercise. VHF-FM channels 82 primary and 69 secondary will be monitored on scene and you may contact Steve Murley or Erik Wagner at 757-483-3821 for questions or concerns.

Chart 12253

LNM: 37/16

******VA – NORFOLK HARBOR AND ELIZABETH RIVER – SOUTHERN BRANCH - GILMERTON BRIDGE******

The Gilmerton Bridge (US13/460) across the South Branch of the Elizabeth River, mile 5.8, on the Atlantic Intracoastal Waterway, at Chesapeake, VA has sustained damage and will not be capable of normal operation until 5 a. m. on September 19, 2016. The bridge will be maintained in the closed-to-navigation position until 5 a.m. on September 19, 2016; except for scheduled openings at 9 a.m., noon, 3 p.m. and 7 p.m., Monday through Friday; and 9 a.m. and 3 p.m. on Saturday and Sunday. The vertical clearance of the bridge is 36 feet above mean high water in the

******VA – NORFOLK HARBOR AND ELIZABETH RIVER – SOUTHERN BRANCH - GILMERTON BRIDGE******

closed position, 136 feet above mean high water in the open position, and 110 feet above mean high water in the open position from 9 p.m. on September 16, 2016 through 5 a.m. on September 19, 2016. The bridge will open on signal for emergency vessels, if at least one hour notice is given. Vessels able to safely pass through the bridge in the closed position may do so. On Saturday and Sunday, September 17, 2016 and September 18, 2016, vessels able to safely pass through the bridge in the closed position should contact the bridge tender to ensure safe passage through the bridge. Mariners should use extreme caution when transiting the area.

Chart 12253

LNM: 37/16

******VA – ELIZABETH RIVER – HIGH RISE BRIDGE - BRIDGE WORK******

Corman Construction, Inc will be starting a project on the Elizabeth River on or about November 20, 2016. They will be performing repairs to Span 19 and Span 37 on the High Rise Bridge. Work will be conducted from Nov 20 through Dec 21, 2016, Monday through Saturday from 7:00 am to 5:00 pm. Jobsite Contact: Anmarie Collins at 804-520-9766.

Chart 12253

LNM: 37/16

******VA – JAMES RIVER – NEWPORT NEWS TO JAMES ISLAND – SKIFFES CREEK – DREDGING******

Dredge Marion of Cottrell Contracting Corporation of Chesapeake, VA will be conducting dredging operations in Skiffes Creek Federal Channel into Joint Base Langley-Eustis, Newport News. Dredging pipeline will run behind the dredge on the landward side of Restricted Area 334.280 and then on to shore. The dredge will conduct operations from May 11 through Sept 5, 2016.

Chart 12248

LNM: 35/16

******VA - JAMES RIVER – JAMES RIVER BRIDGE – BRIDGE CLOSURE******

An engineering firm, on behalf of the Virginia Department of Transportation, will be performing maintenance and repairs to the aerial electrical cable connecting the north tower to the south tower at the James River Bridge (US 17 and VA 258) across the James River, river mile 5.0, between Isle of Wight and Newport News, VA. The bridge will be maintained in the closed-to-navigation position between 5 a.m. and 7 p.m. from September 19, 2016 through September 30, 2016; with alternate dates from October 1, 2016 through October 16, 2016. During closure periods the bridge will not be able to open for emergencies and a 55-foot by 150-foot crane barge will be positioned alongside the bridge at various locations within the main navigation span of the bridge with the centerline of the barge perpendicular to the bridge. The vertical clearance of the bridge in the closed position is 60 feet above mean high water. The horizontal clearance of the main navigation span of the bridge with the crane barge alongside the bridge will vary from approximately 145 feet to 290 feet. Vessels able to safely pass through the bridge in the closed position with the crane barge positioned alongside the bridge may do so at anytime. Vessels planning to transit through the bridge in the closed position with the crane barge positioned alongside the bridge shall contact the bridge tender to request information concerning the position of the crane barge to ensure safe passage. Vessels able to safely pass through the bridge in the closed position that require the crane barge to clear the main navigation span of the bridge, may do so at 12 noon, daily, if at least 2 hours advance notice is given to the bridge tender. Vessels unable to pass through the bridge in the closed position with the crane barge positioned alongside the bridge should adjust their voyage plans to transit through the bridge between 7 p.m. to 5 a.m. from September 19, 2016 through September 30, 2016; with alternate dates from October 1, 2016 through October 16, 2016. The bridge will open on signal for vessels that require an opening of the bridge and are unable to transit through the bridge during non-closure times due to draft and/or daylight restrictions or limitations, if notice is provided by 5 p.m. the day before the required bridge opening. The bridge will operate in accordance with 33 CFR 117.5 between 7 p.m. to 5 a.m. from September 19, 2016 through September 30, 2016; with alternate dates from October 1, 2016 through October 16, 2016.

Chart 12248

LNM: 37/16

******VA – JAMES RIVER - BENJAMIN HARRISON MEMORIAL – BRIDGE CLOSURE******

The repairs and bridge closures scheduled in September 2016 for the SR 156 (Benjamin Harrison Memorial) Bridge over James River, mile 65.0, in Hopewell, VA have been postponed until a date to be determined in October 2016.

Chart 12252

LNM: 37/16

******VA – RAPPAHANNOCK RIVER– US 360, DOWNING BRIDGE – MAINTENANCE******

An engineering firm, on behalf of Virginia Department of Transportation, will be performing maintenance at US 360 (Downing Bridge) bridge, over Rappahannock River, mile 42.5, in Tappahannock, VA. The maintenance will be conducted September 19, 2016 through May 3, 2017; 24 hours a day; 7 days a week. The vertical clearance of the bridge will be reduced to 47 feet above mean high water. A work platform will be attached to the underside of the bridge. Quick flashing red lights will be positioned to mark the bottom of the work platform used under the bridge. Legible signs will be erected on the existing fender system for awareness of reduced vertical clearance. Maintenance personnel, equipment will not be able to relocate from the navigable channel, upon request. The project foremen can be reached at (410) 299-0586 or (410) 913-4028 and may be reached on VHF-FM channel 13. Mariners should use caution when transiting the area.

Chart 12237

LNM: 37/16

******VA – RAPPAHANNOCK RIVER ENTERANCE CARTER CREEK – BRIDGE MAINTENANCE******

An engineering firm, on behalf of Virginia Department of Transportation, will be performing maintenance at SR 3 (Route 200) bridge, over Carter Creek, in Irvington, VA. The maintenance will be conducted September 19, 2016 through May 3, 2017; 24 hours a day; 7 days a week. The vertical clearance of the bridge will be reduced to 17 feet above mean high water. A work platform will be attached to the underside of the bridge. Quick flashing red lights will be positioned to mark the bottom of the work platform used under the bridge. Legible signs will be erected on the existing fender system for awareness of reduced vertical clearance. Maintenance personnel, equipment will not be able to relocate from the navigable channel, upon request. The project foremen can be reached at (410) 299-0586 or (410) 913-4028 and may be reached on VHF-FM channel 13. Mariners should use caution when transiting the area.

Chart 12235

LNM: 37/16

******VA – RUDEE INLET CHANNEL – SHOALING******

The City of Virginia Beach Survey of Rudee Inlet, dated September 8, 2016 indicates shoaling across the channel from approximately 40 feet east

******VA – RUDEE INLET CHANNEL – SHOALING******

of the east ends of the jetties extending out eastward approximately 175 feet. Least depths range from 10.0 feet to 8.4 feet MLLW.

Charts: 12205 12207 12208 12221

LNM: 37/16

NC – SEACOAST – CAPE HATTERAS TO LITTLE RIVER INLET – TEMPORARY RESEARCH BUOY

On or about August 2, EcoH2O Innovations LLC will establish a research buoy approximately one nautical mile south southwest of the entrance to Masonboro Inlet and about 300 yards off the beach to be discontinued on or about 1 September 2016. The three-foot diameter buoy is white and blue with a slow flashing yellow light and is marked "SAROS."

Masonboro Island Research Buoy A FI Y 4S 34-09-56.2 N, 077-49-21.9 W

Chart 11520

LNM: 30/16

NC – CROATON SOUND – MANTEO – OUTER BANKS TRIATHLON

The "Outer Banks Triathlon" will be held on September 17 and 18, 2016. The swim portion of this event will begin at 7:00 a.m. and concludes at 1:00 p.m. on both days. This event will include approximately 400 participants. The swim races for this event will be held in Manteo, North Carolina, in the vicinity of the North Carolina Aquarium. Mariners are urged to exercise caution when transiting this area. For any comments or questions, contact the Marine Events Coordinator at Coast Guard Sector North Carolina, (910) 772-2221 or (910) 772-3882.

Chart 12204

LNM: 36/16

******NC – CROATON SOUND – US 64/264 WILLIAM B. UMSTEAD MEMORIAL BRIDGE******

An engineering firm, on behalf of the NCDOT, will be performing maintenance at US 64/US 264 (William B. Umstead Memorial) Bridge over Croatan Sound, mile 2.0, in Mann's Harbor, NC. The maintenance will be conducted between May 24 and September 30, 2016; Monday-Friday; from 7 a.m. to 5 p.m. Replacement of the bridge fendering system will occur. Two barges with several small floats will be in or the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. The project superintendent and work vessels may be reached on VHF-FM channel 13 or (910)-340-3666. Mariners should notify the project superintendent no less than one hour prior to navigation through the bridge and use caution when transiting the area.

Chart 12204

LNM: 37/16

NC - OREGON INLET CHANNEL - HERBERT C. BONNER BRIDGE CONSTRUCTION & REPLACEMENT

Construction activities for the replacement bridge began on March 7, 2016 and are expected to finish on August 30, 2019. Work will be on-going 24-hours per day, seven days a week. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new bridge. Crane barges will be secured in place with four anchors connected by anchor wires to the corners of the barge. The anchor locations will be marked with yellow crown buoys within an approximate 500-ft radius of the crane barge. A work trestle/loading dock will be constructed approximately 200 yards south of the southeastern end of the existing Bonner Bridge, on the southwest side of South Point in Pamlico Sound, extending 150 feet southwestly from the shoreline and terminate at approximately 35.766 N, 75.526 W. Running parallel to the dock will be a 245 foot breast-line comprised of eight 36-inch hollow pipe piles spaced fifty feet apart, to be used for mooring purposes. The breast-line will begin near shore and terminate at approximately 35.765N, 75.527 W. Each pile will be lit by a flashing white light. PCL Civil Constructors tugs and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The NCDOT Resident Engineer may be contacted at (252) 473-3637 and PCL Civil Constructors may be contacted at (252) 423-3093. Project information may be found at <http://www.ncdot.gov/projects/bonnerbridgereplace/>.

Chart 12205

LNM: 18/16

******NC – PAMLICO SOUND – OLD HOUSE CHANNEL – ESTABLISHMENT OF WAVE BREAK STRUCTURES AND ACCOMPANYING WARNING LIGHTS******

On or about September 26, 2016, North Carolina Department of Transportation will be establishing three wave break structures. These structures will be marked with white, slow flashing warning lights and daymarks.

Old House Channel Warning Light A, 35-45-17.3N, 075-35-13.7W, FI W 2.5S, NW on pile.

Old House Channel Warning Light B, 35-45-17.8N, 075-35-10.7W, FI W 2.5S, NW on pile.

Old House Channel Warning Light C, 35-45-17.1N, 075-35-07.8W, FI W 2.5S, NW on pile.

Chart 12254

LNM: 37/16

NC – MOREHEAD CITY – LOOKOUT SHOOTOUT RADAR RUN

The Coast Guard will establish a temporary Safety Zone for the "Lookout Shootout Radar Run" sponsored by NC East Sports, on the waters of Bogue Sound including the Morehead City Turning Basin, sections of the Intra-Coastal Waterway, and Morehead City Channel at Morehead City, North Carolina. A fleet of spectator vessels are expected to gather near the event site to view the competition. To provide for the safety of participants, spectators and other transiting vessels, the Coast Guard will temporarily restrict vessel traffic in the event area during the races. This rule is effective from 12 p.m. to 5 p.m. on September 18, 2016. For any comments or questions, contact the Marine Event Coordinator at Coast Guard Sector North Carolina, (910) 772-2221 or (910) 772-3882.

Chart 11541

LNM: 36/16

NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION

Mariners are advised to take caution and proceed slowly when approaching the construction site of the New Gallant's Channel Fixed Bridge, over the Gallants Channel in Beaufort, North Carolina. To facilitate the process of girder raisings by Orion Marine Construction, commencing on the following dates and times construction cranes and barges will be in the channel: April 10 through April 16, 2016 from 7:00 am to 5:00 pm each day. All vessel traffic can expect delays and should adjust voyage plans accordingly. Vessels requiring greater than 25 feet horizontal clearance are recommended to use an alternate route until this phase of girder raisings are completed. Construction equipment will be removed from the channel each evening. The Orion Marine Construction onsite work supervisor can be contacted on VHF channel 13 and telephone at (813) 334-0208. Mariners are urged to transit the area at slow no wake speeds.

NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION

Chart 11545

LNM: 12/16

NC – WRIGHTSVILLE BEACH – BANKS CHANNEL – WILMINGTON FAMILY YMCA TRIATHLON

The Coast Guard will establish a temporary Safety Zone for the "Wilmington Family YMCA Triathlon" on September 17, 2016 from 7 a.m. to 9 a.m. Approximately 600 swimmers will compete along a course starting at the Blockade Runner across Banks Channel and Motts Channel to the Sea Path Marina. Vessel may not enter the restricted areas. Coast Guard Patrol assets will be on scene to regulate traffic in this area during the event times. For any comments or concerns please contact the Sector North Carolina Marine Events Coordinator at (910) 772-2221 or (910) 772-3882.

Chart 11541

LNM: 36/16

NC - APPROACHES TO CAPE FEAR RIVER – FRYING PAN SHOAL - NOAA HYDROGRAPHIC SURVEY OPERATIONS

NOAA Ship Ferdinand R. Hassler (S-250) will be conducting hydrographic survey operations at the approach to Wilmington, NC, in the vicinity of Frying Pan Shoals from through 14 November 2016. Ferdinand R. Hassler is a 123-foot, white-hulled survey vessel; the ship has NOAA markings, can be identified on AIS, and will be monitoring VHF channels 13 and 16. Survey operations will be conducted 24-hours a day. Mariners are requested to exercise caution when transiting the operational area. There will be two modes of survey operations, which may happen simultaneously. Survey modes include; ship survey with or without towed sensors and surveys from a 28 foot launch. When towed hydrographic instrumentation is deployed, Ferdinand R. Hassler will be restricted in her ability to maneuver. Questions or concerns can be addressed to the ship's Field Operations Officer via phone at: (603) 812-8748 or email at: ops.ferdinand.hassler@noaa.gov

Chart 11536

LNM: 21/16

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 | |
|------------|--|---------------------------------|-----------------------|---------------|--------------|-----------------------------|---|-------|
| 2520 | <i>Delaware River Lighted Buoy 4</i> | 39-28-10.403N 075-33-35.731W | FIR 4s | | 5 | Red. | Replaced by LIB of reduced intensity from Jan. 1 to Mar. 1. | 37/16 |
| | * | | | | | | | |
| 2720 | <i>Delaware River Lighted Buoy 11</i> | 39-33-06.467N 075-32-36.904W | Q G | | 5 | Green. | Replaced by LIB of reduced intensity from Jan. 1 to Mar. 1. AIS: MMSI 993672077. | 37/16 |
| | * | | | | | | | |
| 2835 | <i>Delaware River Lighted Gong Buoy 17</i> | 39-36-28.005N 075-34-33.231W | FIG 2.5s | | 4 | Green. | Replaced by can when endangered by ice. | 37/16 |
| | * | | | | | | | |
| 13370 | BACK CREEK - MOBJACK BAY LIGHT 1BC | 37-12-36.515N 076-24-46.808W | FIG 4s | 15 | 4 | SG on pile. | | 37/16 |
| | * | | | | | | | |
| 13595 | WEST BRANCH CHANNEL ENTRANCE LIGHT 1WB | 37-13-11.914N 076-27-58.227W | FIG 4s | 15 | 4 | SG on pile. | | 37/16 |
| | * | | | | | | | |
| 14150 | DAVIS CREEK CHANNEL LIGHT 10 | 37-19-51.730N 076-17-58.355W | FIR 4s | 15 | 4 | TR on pile. | | 37/16 |
| | * | | | | | | | |
| 15120 | CARTER CREEK LIGHT 1CC | 37-38-56.324N 076-26-35.570W | FIG 4s | 15 | 4 | SG on multi-pile structure. | | 37/16 |
| | * | | | | | | * | |

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|---|--------------------------------------|-----------------------|---------------|--------------|--|---------------------------------|
| 17160 | ST. CLEMENTS BAY LIGHT 2 | 38-14-28.511N 076-43-26.475W | FIR 2.5s | 15 | 4 | TR on pile. | 37/16 |
| 19278 | CHALK POINT POWER LIGHT 30 | 38-32-46.624N 076-40-21.627W | FIR 2.5s | 12 | * | On pile structure at base of tower. | Private Aid. 37/16 |
| 22735 | TANGIER ISLAND WEST CHANNEL LIGHT 4 | * 37-49-55.275N 075-59-53.206W | FIR 4s | 15 | 4 | TR on pile. | 37/16 |
| 23780 | WICOMICO RIVER CHANNEL LIGHT 16 | 38-14-31.856N 075-51-00.152W | FIR 4s | 19 | 4 | TR on pile. | 37/16 |
| 28835 | ROLLINSON CHANNEL LIGHT 34A | * 35-14-56.249N 075-42-59.808W | FIR 2.5s | 15 | 4 | TR on pile. | 37/16 |
| 30270 | Carolina Beach Inlet Buoy 2 | 34-04-49.117N 077-51-42.762W | | | | * Red nun. | 37/16 |
| 35155 | NEW JERSEY INTRACOASTAL WATERWAY LIGHT 42 | * 39-45-46.351N 074-10-14.467W | Q R | 17 | 4 | TR-TY on multi-pile structure. | Maintained year round. 37/16 |

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosures

1. Summary of Shoaling.
 2. Summary of Bridge Regulations/Construction/Permits.
 3. Summary of Dredging and Construction.
 4. Summary of Marine Events.
 5. Summary of Coast Guard Sector North Carolina shoaling/waterway projects.
 6. Summary of Coast Guard Sector Hampton Roads shoaling/waterway projects.
 7. Maryland Offshore Survey Activities.
 8. Harris Creek Oyster Reef Restoration sites.
 9. Navy Exercise in the vicinity of Fort Monroe.
-
-

SUMMARY OF SHOALING REPORTED IN THE FIFTH COAST GUARD DISTRICT

DELAWARE SHOALING

DE- INDIAN RIVER BAY – SHOALING (Chart 12216)

There has been a report of shoaling in Indian River Bay between Indian River Inlet Buoy 19 (LLNR 4435) and Middle Island West Channel Junction Lighted Buoy MI (LLNR 4436). Depths of 0.0 ft at times, during low tide, were reported.

NEW JERSEY SHOALING

NJ - INTRACOASTAL WATERWAY- SANDY HOOK TO LITTLE EGG HARBOR - MANASQUAN - ATLANTIC CITY (Chart 12312)

There has been a report of shoaling in the New Jersey Intracoastal Waterway within the channel boundaries in the vicinity of New Jersey Intracoastal Waterway Light 40 (LLNR 35125), to a depth of less than 4 feet 9 inches at mean low water. Ref LNM 05/16

******NJ - INTRACOASTAL WATERWAY- LITTLE EGG HARBOR – CAPE MAY - MANASQUAN - ATLANTIC CITY****** (Chart 12316)

Shoaling has been reported in the NJ Intracoastal Waterway (NJ-ICW) between NJ-ICW Day beacon 159 (LLNR 35640) and NJ-ICW Buoy 161 (LLNR 35649).

PENNSYLVANIA SHOALING

MARYLAND SHOALING

MD – CHESAPEAKE BAY- CHESTER RIVER – KENT ISLAND NARROWS NORTH APPROACH (Chart 12272)

Shoaling has been reported in Kent Island Narrows North Approach Channel. Depths less of less than 4 feet have been reported between Kent Island Narrows North Approach LT 4 (LLNR-26425) and Kent Island Narrows North Approach LT 6 (LLNR-26435) on the red side of the channel. Vessels transiting the Kent Island Narrows North Approach Channel should exercise caution. Ref LNM 05/16

******MD - CHESAPEAKE BAY - TANGIER SOUND - NORTHERN PART - RHODES POINT GUT CHANNEL****** (Chart 12228)

There has been a report of shoaling in Rhodes Point gut channel within the channel boundaries between Rhodes Point Gut Channel Buoy 3 (LLNR 23000) and Rhodes Point Gut Channel Buoy 5 (LLNR 23005), to a depth of less than six feet at mean low water. Depth is reading approx one and a half feet. Ref MD BNM 278-16

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY – SHOALING (Chart 12211)

Shoaling has been found in Sinepuxent Bay Channel in the following locations: Sinepuxent Bay Channel Daybeacon 11B (LLNR 5050), shoaling encroaches approximately 20 yds into the channel in a southwesterly direction. Water depths have been found as low as 2.5 ft during low tide. Between Sinepuxent Bay Channel Light 8 (LLNR 5020) and Sinepuxent Bay Channel Daybeacon 10 (LLNR 5035), shoaling encroaches approximately 15 yds into the channel in an easterly direction. Water depths have been found as low as 2 ft during low tide. Between Sinepuxent Bay Channel Buoy 33 (LLNR 5130) and Sinepuxent Bay Channel Daybeacon 35 (LLNR 5135) on the eastern side of the channel. Water depths have been found as low as 3 ft during low tide.

VIRGINIA SHOALING

VA – NANDUA CREEK (Chart 12226)

Shoaling has been reported at the entrance to Nandua Creek to 2 feet. HR BNM 311-13

VA – VIRGINIA INSIDE PASSAGE (VIP) (Chart 12210, 12224)

VIP Day beacon 107 (LLNR 5950) to VIP Day beacon 265 (LLNR 6580), Shoaling to less than 6ft MLW. HR BNM 106-16
Quinby Creek Day beacon 7 (LLNR 6770) to Quinby Creek Light 13 (LLNR 6785), Shoaling to less than 6 ft MLW. HR BNM 104-16

VIP Day beacon 244 (LLNR 6485), Shoaling to 1 foot. HR BNM 272-14

Sand Shoal Channel Light 1 (LLNR 6990) to Sand Shoal Light 10 (LLNR 6996) LNM 24-13

Oyster Creek Channel Junction Lighted Buoy OC (LLNR 7002/6447) to Oyster Creek Light 10 LLNR 7025), Shoaling to less than 6ft MLW. HR BNM 107-16

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE – URBANNA CREEK (Chart 12235)

Shoaling has been reported to less than 2 feet at MLW in Urbanna Creek between Urbanna Creek Light 5 (LLNR 15253) and Day beacon 7 (LLNR 15260). HR BNM 549-15

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE – MILFORD HAVEN (Chart 12235) Shoaling has been reported to less than 1 foot at MLW in vicinity of Milford Haven Channel Light 3 (LLNR 14770) extending 100 yards east of Day beacon 3A (LLNR 14775). HR BNM 573-15

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE MILFORD HAVEN EAST (Chart 12235)
Shoaling has been reported to 3 feet between Milford Haven East Light 6 (LLNR 14593) and Milford Haven East Light 9 (LLNR 14605). HR BNM 030-15

VA – CHESAPEAKE BAY – MOBJACK BAY AND YORK RIVER ENTRANCE - HORN HARBOR (Chart 12238)
Shoaling has been reported to 1-2 feet one hour before low tide extending 50 yards channel ward from Horn Harbor Lighted Buoy 8 (LLNR 14487). HR BNM 182-15

VA – CHESAPEAKE BAY – YORKTOWN TO WEST POINT - QUEEN CREEK (Chart 12243)
Shoaling to less than 3 feet has been reported in Queen Creek from Queen Creek Entrance Light 2QC (LLNR 13785) to Queen Creek Day beacon 10 (LLNR 13820). HR BNM 170-14

******VA – HAMPTON ROADS - WILLOUGHBY BAY****** (Chart 12245)
The USACE has reported shoaling in Willoughby Channel to 2.6 feet MLLW in the vicinity of Willoughby Channel Buoy 3 (LLNR 10583).

VA – CHESAPEAKE BAY – LYNNHAVEN INLET – LONG CREEK CHANNEL (Chart 12254)
Shoaling to 2.4 feet has been reported in Long Creek Channel east of Long Creek Channel Day beacon 7 (LLNR 10167) in the vicinity of Pleasure House Point. HR BNM 293-14

******VA – RUDEE INLET CHANNEL – SHOALING******
The City of Virginia Beach Survey of Rudee Inlet, dated September 8, 2016 indicates shoaling across the channel from approximately 40 feet east of the east ends of the jetties extending out eastward approximately 175 feet. Least depths range from 10.0 feet to 8.4 feet MLLW.
Chart 12205, 12207, 12208, 12221

NORTH CAROLINA SHOALING

******NC – PAMLICO SOUND BRANT ISLAND SHOAL – SHOALING****** (Chart 11548)
Shoaling to 3 feet has been reported in the area of the southeast tip of the charted shoal in the vicinity of Brant Island Slue in approximate position 35-10.45N, 076-23.05W.

NC – EMERALD ISLE – SWANSBORO COAST GUARD CHANNEL (Chart 11541)
Shoaling has been reported to 2.6' in the vicinity of Swansboro Coast Guard Channel Buoy 3A (LLNR 29608) and Swansboro Coast Guard Channel Light 5 (LLNR 29645). NC BNM 219-13

NC – ICW - NEUSE RIVER TO MYRTLE GROVE SOUND - NEW RIVER – CAPE FEAR RIVER (Chart 11541)
Shoaling to 2.6 feet has been reported in the vicinity of New River- Cape Fear River Buoy 99A (LLNR 39548). NC BNM 048-15

NC - NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE INLET (Chart 11541)
Shoaling to 4.5 feet has been reported in the vicinity of Bogue Inlet Lighted Buoy 1 (LLNR 29495), and Bogue Inlet Buoys 2 and 3 (LLNR 29500 and 29505). NC BNM 255-14

NC – NEUSE RIVER TO MYRTLE GROVE SOUND - NEW RIVER – NEW RIVER INLET (Chart 11542)
Shoaling has been reported to 2 feet in New River Inlet Channel. NC BNM 003-15

NC – CURRITUCK BEACH LIGHT TO WIMBLE SHOALS – OREGON INLET (Chart 12204)
Shoaling has been reported to 2 feet in Oregon Inlet Channel near the Bonner Bridge. NC BNM 642-14

NC – NEUSE RIVER TO MYRTLE GROVE – BANKS SLOUGH CHANNEL (Chart 11541)
Shoaling has been reported to 0.5 feet in Banks Slough Channel. NC BNM 658-14

NC – CAPE HATTERAS – HATTERAS INLET (Chart 11555)
Shoaling has been reported to 3.5 feet in Hatteras Inlet between Hatteras Inlet Channel Buoy 9 (LLNR 28669) and Hatteras Inlet Channel Buoy 12C (LLNR 28733.2). NC BNM 028-15, LNM 06-15

NC – CAPE HATTERAS – SOUTH FERRY TERMINAL – SHOALING (Chart 11555)
Shoaling has been reported to 2.6 feet in South Ferry terminal between South Ferry Terminal Lighted Buoy 1SF (LLNR 28699.1) and South Ferry terminal Light 7 (LLNR 28715). NC BNM 031-16, 069-16

NC – ICW - NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE SOUND - NEW RIVER (Chart 11541)
Shoaling to 3 feet has been reported in the vicinity of Bogue Sound - New River buoys 72A (LLNR 39300), 72B (LLNR 39303) and 74 (LLNR 39305). LNM 06-15

NC – CAPE HATTERAS – HATTERAS INLET (Chart 11555)

Shoaling has been reported to 5 feet in vicinity of Hatteras Inlet Channel Lighted Buoy 13A (LLNR 28735.3) and Hatteras Inlet Lighted Buoy 14 (LLNR 28735.6). NC BNM 340-15

NC – ICW - NEUSE RIVER TO MYRTLE GROVE - RUSSELL SLOUGH (Chart 11541)

Shoaling has been reported to 1 foot in vicinity of Russell Slough Day beacon 6A (LLNR 38467) NC BNM 344-15

NC – CAPE HATTERAS – HATTERAS INLET – SOUTH FERRY TERMINAL

Shoaling has been reported to 2.6 feet in South Ferry terminal between South Ferry Terminal Lighted Buoy 1SF (LLNR 28699.1) and South Ferry terminal Light 7 (LLNR 28715). NC BNM 031-16, 069-16

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – CAROLINA BEACH INLET (Chart 11541)

Shoaling to 2.6 feet has been reported in Carolina Beach Inlet from Carolina Beach Inlet Buoy 1 (LLNR 30265) to buoy 6 (LLNR 30290). NC BNM 659-15, 206-16

NC – OCRACOKE INLET AND NORTHERN CORE SOUND – OCRACOKE INLET – BIG FOOT SLOUGH (Chart 11541)

Shoaling has been reported in Big Foot Slough between Big Foot Slough Day beacon 10A (LLNR 29070) and Buoy 11 (LLNR 29070.3) NC BNM 657-15

NC - MOREHEAD CITY (Chart 11547)

Shoaling has been reported to 10 feet between Buoys 16 – 17 and to 17 feet between buoys 13 and 15. NC BNM 036-16

NC - NEUSE RIVER TO MYRTLE GROVE SOUND – NEW RIVER TO CAPE FEAR RIVER (Chart 11541)

An area of shoaling has been reported IVO of New River – Cape Fear River Buoy 121 (LLNR 39597) in the AICWW St M 280 near Mason Inlet Crossing. ACOE reported a depth of 2.2ft at MLW. Mariners are urged to use caution when transiting this area. NC BNM 357-16

NC – INTRACOASTAL WATERWAY - MYRTLE GROVE SOUND TO LITTLE RIVER (Chart 11534)

Shoaling to 1 foot has been reported in the vicinity of Lockwoods Folly Inlet at Cape Fear River – Littler River Buoy 47 (LLNR 40225) NC BNM 256-16

SUMMARY OF BRIDGE PERMITS, REGULATIONS AND CONSTRUCTION IN THE FIFTH COAST GUARD DISTRICT

(Yellow indicates new item)

CURRENT PROJECTS

Permits:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **Maryland** –
Potomac River - Harry Nice Memorial Bridge - MDTA is proposing to replace the bridge with a bridge at a reduced vertical of 106.5 feet above mean high water and a horizontal clearance of 250. The reduction in width would not prohibit any vessel recorded in the past five years from passing and is not anticipated to restrict future vessel traffic. MDTA proposes the design change will help improve traffic conditions in the area. Comments should be address listed on the Public Notice attention (dpb) no later than **October 6, 2016**. Copies of Preliminary Public Notice 5-1365 which describes the proposal in detail can be obtained by calling (757) 398-6227 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.
- **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 - Harry Nice Memorial Bridge - MDTA is proposing to replace the bridge with a bridge at a reduced vertical of 106.5 feet above mean high water and a horizontal clearance of 250. The reduction in width would not prohibit any vessel recorded in the past five years from passing and is not anticipated to restrict future vessel traffic. MDTA proposes the design change will help improve traffic conditions in the area. Comments should be address listed on the Public Notice attention (dpb) no later than **October 6, 2016**. Copies of Preliminary Public Notice 5-1365 which describes the proposal in detail can be obtained by calling (757) 398-6227 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.

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 to replace the existing drawbridge with a new fixed bridge at essentially the same location. The replacement project will modify the existing vertical clearance of the bridge. The charted vertical clearance of the existing bascule bridge in the closed-to-navigation position is 65 feet above MHW with unlimited vertical clearance in the full open position. The proposed replacement will be a fixed bridge that will provide a vertical clearance of 100 feet above MHW. The current horizontal clearance of 125 feet will be maintained for the new fixed bridge.

SECTOR NORTH CAROLINA

- **North Carolina** - None

Regulations:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **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.
NJICW (Inside Thorofare) - US40-322 (Albany Avenue) Bridge -The bridge will remain in the closed position between 6:30 a.m. to 2 p.m. on Sunday, September 18, 2016 to facilitate the Atlantic City IRONMAN Triathlon. Mariners able to pass under the bridge in the closed position (10 feet above MHW) may do so, and others should adjust their transits accordingly. The bridge will be able to open for an emergency. Mariners requiring an emergency opening should notify the bridge no less than fifteen minutes prior to navigating through the bridge and should use caution when transiting the area.
- **Pennsylvania** – None

SECTOR HAMPTON ROADS

- **Virginia (Southern)**
James River - SR 156 (Benjamin Harrison Memorial) Bridge – Bridge will remain in the closed-to-navigation position to utilize the moveable span to facilitate bridge maintenance and repairs. The bridge will remain in the

closed position from 8 p.m. to 6 a.m.; Monday-Thursday; July 25, 2016 through July 29, 2016; August 1, 2016 through August 5, 2016; September 5, 2016 through September 9, 2016; September 12, 2016 through September 16, 2016; September 19, 2016 through September 23, 2016; September 26, 2016 through September 30, 2016. Mariners able to pass under the bridge in the closed position, (50 feet above Mean High Water) may do so, and all others should adjust their transits accordingly. The bridge will open for vessels on signal during scheduled closure periods, if at least 24 hours notice is given. The bridge will be able to open for emergencies during scheduled closure periods, if at least 30 minutes notice is given. The project foreman can be reached at (813) 616-4324 and VHF-FM channel 13. Mariners should use caution when transiting the area.

SECTOR NORTH CAROLINA

- **North Carolina**

Trent River - U.S. 70 (Alfred A. Cunningham) Bridge - The bridge will remain in the closed-to-navigation position from 8 a.m. to 9:30 a.m. on Saturday, September 10, 2016 and from 8 a.m. to 9:30 a.m. on Sunday, September 11, 2016, to facilitate the Multiple Sclerosis Society's Historic New Bern Bike Ride. The bridge will be able to open for an emergency. Mariners able to pass under the bridge in the closed position (14 feet above Mean High Water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area.

Construction, et al:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **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.

Choptank River - MD 331/Dover (fixed) Bridge – CG Bridge Permit signed by CGHQ on September 16, 2014. Maryland State Highway Administration is constructing a new fixed single-span concrete bridge, adjacent to the existing swing bridge to be completed in August 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.

Choptank River - US 50 (Ocean Gateway) Bridge – An underwater inspection will be conducted between August 15, 2016 through October 15, 2016; Monday-Sunday; from 8:30 a.m. to 4:30 p.m. A 25 ft. vessel and divers will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will be outside the navigable channel. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Chester River - S213 (MD 213) Bridge – Bridge will remain in the closed-to-navigation position and the navigational span will be closed to facilitate painting of the bridge. The bridge will remain in the closed position from 8 p.m. September 6, 2016 through 6 a.m. on October 30, 2016. The bridge will not be able to open for emergencies. The bridge will open for vessels on signal during the closure period, if at least 24 hours notice is given. Mariners should use extreme caution when transiting the area.

Chesapeake Bay - US 50 (William Preston Lane, Jr. Memorial Bridge) - An access platform and staircase will be installed on the westbound structure at pier 31 on the north side. The installation of the access platform will occur between August 29, 2016 to October 29, 2016; from 6 a.m. to 4 p.m. A tug and barge will be in and around the vicinity of the bridge during the installation process. Once the access platform is installed, the work party will be transported to and from the scene by a 26' vessel. The vessel will remain on-scene while work is being conducted to serve as a safety platform for the work party. The access platform will be marked at each corner at night with a red light to alert mariners of the structure attached to the pier. A subsequent broadcast notice to mariners will be issued later, on or about October 31, 2018 to inform mariners when the platform is removed. The project foreman can be reached at (410) 375-7121. Mariners are urged to use caution when transiting the area.

- **Washington DC –**

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 (OOA May 2017). 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.

Potomac River – Washington DC Long Bridge – Maintenance will be performed on the bridge between March 10, 2016 and March 28, 2017. There is no pier work or work over the navigational channel. Mariners should use extreme caution when transiting the area.

Potomac River - 14th Street Bridge (Arland D. Williams Jr. Memorial Bridge) - Bridge repairs/inspections will be performed. To facilitate the repairs, a snooper truck will be positioned on the bridge road way. At times, an inspection crane will be partially impacting the navigation channel at various locations on the bridge. Mariners can contact the operator on VHF/FM CH 13 to request clearance if the crane impedes your ability to transit safely under the bridge. The project foreman can be reached at (202) 526-4826. Mariners are urged to use 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 2019. 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). Phase 1 – NJ approach girder and deck truss spans due completion in September 2016. Phase 2 – PA approach girder and deck truss spans, scheduled to commence fall of 2016. Phase 3 – Cantilever truss span, scheduled to commence in 2017 and conclude in 2019. 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 temporary cofferdam construction, superstructure erection and demolition are in progress through December 2018 for the replacement of the existing southbound bridges and rehabilitation of the northbound bridges. 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.

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.

Tuckahoe River - Route 50/State Highway Bridge - Mariners are advised of continued demolition work. The next stage of demolition work will include removal of the bridge superstructure, abutment walls, fender system and the bascule piers from 7:00 a.m. to 3:30 Monday through Friday, from September 2016 through January 2017. Mariners should adjust their transits accordingly.

Delaware River - I-276 (Delaware River Turnpike) Bridge - Bridge maintenance will be conducted between August 9, 2016 and October 15, 2016; M-F; from 7 a.m. to 3:30 p.m. Repairs to the bridge fender system and pier structure will occur. A crane barge and a 25 ft. work boat will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will be working outside the navigable channel. The work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (856) 207-3005 and VHF-FM channel 13. Mariners should use caution when transiting the area.

Shark River - SR 35 Bridge - Inspection will be conducted between August 8, 2016 and November 30, 2016; M-F; from 8 a.m. to 6 p.m. A snooper truck will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (201) 214-7242. Mariners are requested to notify the project foreman at least thirty minutes prior to navigation through the area and should use caution when transiting the area.

Grassy Sound Channel - SR 147 Bridge - Inspection will be conducted between August 8, 2016 and November 30, 2016; M-F; from 8 a.m. to 6 p.m. A snooper truck, two work vessels and a dive team will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (201) 214-7242. Mariners are requested to notify the project foreman at least thirty minutes prior to navigation through the area and should use caution when transiting the area.

Delaware River - SR 73 (Tacony-Palmyra) Bridge - The bridge will remain in the closed position from 6 a.m. to 6 p.m.; Monday-Friday; September 12, 2016 through September 16, 2016 and September 19, 2016 through September 23, 2016. The bridge will also remain in the closed-to-navigation position from 7 a.m. to 6 p.m. on alternative work dates from September 26, 2016 through September 30, 2016. The bridge will not be able to open for emergencies and there is no immediate alternative route for vessels to pass. Mariners able to pass under the closed span (50 feet above mean high water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area.

- **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.

Delaware River - I-276 (Delaware River Turnpike) Bridge - Bridge maintenance will be conducted between August 9, 2016 and October 15, 2016; M-F; from 7 a.m. to 3:30 p.m. Repairs to the bridge fender system and pier structure will occur. A crane barge and a 25 ft. work boat will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will be working outside the navigable channel. The work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (856) 207-3005 and VHF-FM channel 13. Mariners should use caution when transiting the area.

Delaware River - SR 73 (Tacony-Palmyra) Bridge - The bridge will remain in the closed position from 6 a.m. to 6 p.m.; Monday-Friday; September 12, 2016 through September 16, 2016 and September 19, 2016 through

September 23, 2016. The bridge will also remain in the closed-to-navigation position from 7 a.m. to 6 p.m. on alternative work dates from September 26, 2016 through September 30, 2016. The bridge will not be able to open for emergencies and there is no immediate alternative route for vessels to pass. Mariners able to pass under the closed span (50 feet above mean high water) may do so, and all others should adjust their transits accordingly. Mariners should use 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.

North Landing River - S165 Bridge – Bridge has sustained damage and will not be capable of normal operation until October 1, 2016. The north span of the bridge will open-to-navigation on the hour and half hour, upon request, from 6 a.m. to 7 p.m., and on demand from 7 p.m. to 6 a.m. The north span of the bridge will open-to-navigation and the south span of the bridge will partially open-to-navigation, upon request, for scheduled openings at 9:30 a.m. for vessels transiting southeast, 10:30 a.m. for vessels transiting northwest, and noon and 2 p.m. for two-way vessel traffic through the bridge; Monday through Friday. The horizontal clearance of the bridge with the south span closed-to-navigation is 38 feet and the horizontal clearance of the bridge with south span partially open-to-navigation is 70 feet. The north span of the bridge will open-to-navigation for emergencies. The vertical clearance of the bridge in the closed position is 6 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so, after receiving confirmation from the bridge tender that it is safe to transit through the bridge. Mariners should use extreme caution when transiting the area.

Diascund Creek - Newport News Waterworks Pipeline bridge – Bridge maintenance will be conducted between July 1, 2016 and January 30, 2017; Monday-Friday; from 7 a.m. to 5 p.m. Repair and rehabilitation of the bridge will occur. A barge and work boats will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (757) 621-4930 or (757) 621-4932. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and should use caution when transiting the area.

AICW – Elizabeth River Southern Branch - Gilmerton Bridge (US13/460) – Bridge has sustained damage and will not be capable of normal operation until September 19, 2016. The bridge will be maintained in the closed-to-navigation position until midnight September 18/19, 2016; except for scheduled openings at 9 a.m., noon, 3 p.m. and 7 p.m., Monday through Friday; and 9 a.m. and 3 p.m. on Saturday and Sunday. The bridge will open on signal for emergency vessels if at least one hour notice is given. The vertical clearance of the bridge in the closed position is 36 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so. Mariners should use extreme caution when transiting the area.

James River - SR 156 (Benjamin Harrison Memorial) Bridge - Maintenance will be conducted July 18, 2016 through February 28, 2017; Monday-Friday; from 9 a.m. to 4 p.m. and from 8 p.m. to 6 a.m. Maintenance personnel, equipment will relocate from the moveable span, upon request. The project foreman can be reached at (813) 613-4324 and VHF-FM channel 13. The bridge will have operating restrictions between July and September 2016 that will be published in a separate notice. Mariners should use caution when transiting the area.

Elizabeth River (Southern Branch) - SR 337 (South Norfolk Jordan Bridge) bridge - Maintenance will be conducted on August 29, 2016 through September 23, 2016; M-F; from 7 a.m. to 5:30 p.m. Repairs to the fender system of the bridge will occur. A side loadable warping tug (90 ft. x 21ft. x 5 ft.) and a 21 ft. work boat will be in and around the vicinity of the bridge. During the maintenance period, the horizontal clearance will be reduced to 240 ft. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Vessels that can safely transit through the reduced horizontal clearance may do so at any time. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (252) 655-1243 and VHF-FM channel 13. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and should use caution when transiting the area.

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.

Oregon Inlet - Herbert C. Bonner Bridge – Construction activities for the replacement bridge will begin on March 7, 2016 and are expected to finish on August 30, 2019. Work will be on-going 24-hours per day, seven days a week. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new bridge. A work trestle/loading dock will be constructed approximately 200 yards south of the southeastern end of the existing Bonner Bridge, on the southwest side of South Point in Pamlico Sound, extending 150 feet southwesterly from the shoreline and terminate at approximately 35.766 N, 75.526 W. Running parallel to the dock will be a 245 foot breast-line comprised of eight 36-inch hollow pipe piles spaced fifty feet apart, to be used for mooring purposes. The breast-line will begin near shore and terminate at approximately 35.765N, 75.527 W. Each pile will be lit by a flashing white light. PCL Civil Constructors tugs and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The NCDOT Resident Engineer may be contacted at (252) 473-3637 and PCL Civil Constructors may be contacted at (252) 423-3093. Project information may be found at <http://www.ncdot.gov/projects/bonnerbridgereplace/>.

Croatan Sound - US 64/US 264 (William B. Umstead Memorial) Bridge - Maintenance will be conducted between May 24, 2016 and September 1, 2016; from 7 a.m. to 5 p.m. Replacement of the bridge fender system will occur. Two barges with several small floats will be in or the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. The project foreman and work vessels may be reached on VHF-FM channel 13 or (919) 340-3666. Mariners should notify the project foreman no less than one hour prior to navigation through the bridge and use caution when transiting the area.

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).

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 – NAVAL RESERVE BASIN AND FT. MIFFLIN – DREDGING (Charts 12312, 12313)

The Great Lakes Dredge and Dock Company Dredge 54 will be conducting dredging operations in the Naval Reserve Basin; scows will be transporting the material to Ft. Mifflin for hydraulic offloading. Operations will be conducted between August and **October 2016**. Questions or additional information please contact Timothy Kremer, 630-750-5640. Ref LNM 30/16

DE/NJ – DELAWARE RIVER - TINICUM ISLAND, EDDYSTONE, CHESTER AND MARCUS HOOK RANGES - DREDGING AND ROCK REMOVAL - MAIN CHANNEL DEEPENING (Chart 12312)

Great Lakes Dock and Dredge Company will be dredging and blasting between the Tinicum Range and Marcus Range until **15 March 2017**. For questions or comments contact Timothy J. Kremer, 630-750-5640, TJKremer@gldd.com. Ref LNM 27/16

DE – DELAWARE RIVER - CHRISTINA RIVER - WILMINGTON HARBOR – DREDGING (Chart 12311)

The dredge ESSEX will be conducting dredging operations in the Wilmington Harbor in the Christina River from July 16 until **September 30 2016**. Traffic should call the dredge ESSEX 30 minutes prior to expected time of passage to make passing arrangements. Hours of work are 24 hours a day, 7 days a week. Mariners can contact the dredge ESSEX on VHF-FM channel 13 or 16 for information.

PA – DELAWARE RIVER – MARCUS HOOK, PA – DOCK CONSTRUCTION (Chart 12312)

Commerce Construction Corporation crane barge SAMSON will be performing dock construction work on the Sunoco logistics dock #1A in the Delaware River at the Marcus Hook industrial complex, Marcus Hook, PA. Work is expected to be completed on or about **30 June, 2017**. Ref LNM 05/16

PA – DELAWARE RIVER – CRITICAL LIFT OPERATIONS (Chart 12312)

Mariners are advised that the crane barge SAMSON will be conducting critical lift operations in the Delaware River, in Marcus Hook, PA from February until **30 June, 2017**. Ref LNM 08/16

PA/NJ – DELAWARE RIVER – DREDGING OPERATIONS (Chart 12313)

Charter Contracting will be performing mechanical dredging operations in the Delaware River, at GP Gypsum Corporation, in Camden, NJ from July 1, 2016 to **February 28, 2017**. A 48ft by 125ft deck barge with excavator and clamshell bucket, 2 hopper scows, 1 push boat, and 1 work boat will be in the vicinity. Ref LNM 26/16

******NJ – BARNEGAT BAY - OYSTER CREEK CHANNEL – DREDGING****** (Chart 12323)

Barnegat Bay Dredging Company will be conducting dredging operations in Oyster Creek Channel, in Ocean Township, NJ from September 8 to **October 1, 2016**. Dredge Fullerton will be conducting dredging between Oyster Creek Channel Buoy 37 (LLNR 1080) and Oyster Creek Channel Buoy 41 (LLNR 1097). Some aids to navigation buoys may be removed.

******NJ – SANDY HOOK TO LITTLE EGG HARBOR - SHARK RIVER – DREDGING***** (Chart 12324)

Mobile Dredging and Pumping will be conducting dredging of the main navigational channel in the Shark River, near Neptune City, NJ, from September 6 through **October 7, 2016**, from 7 a.m. to 7 p.m. on Mondays through Fridays. From Fridays 7 p.m. through Mondays at 7 a.m. the channel will be open but with on-going active dredging operations. The Coast Guard is establishing a Safety Zone that will close the main navigational channel at these times on all the navigable waters on the Shark River from latitude 40° 10' 53.2579"n, longitude 074° 01' 52.6231"w, bounded by the eastern side of the channel and the western side of the channel, north, to latitude 40° 11' 21.0139"n, longitude 074° 01' 53.1749"w. Transiting or anchoring within this portion of Shark River during these times is prohibited. Vessels are requested to contact the dredge via VHF-FM channel 6, 13 or 16 to make satisfactory passing arrangement. Ref LNM 37/16

NJ- LITTLE EGG INLET TO HEREFORD INLET - GREAT EGG HARBOR INLET (Chart 12316, 12318)

Great Lakes Dredging Company is currently demobilizing dredging equipment and dredge pipeline from Great Egg Harbor Inlet borrow area, off the coast of Peck Beach in Ocean City. During demobilization a portion of the pipeline was found shoaled in and covered with bottom sediment. The pipeline location begins 2658ft from the Peck Beach ocean front beginning at point 39d 16' 57"N, -074d 32' 41"W, then east to 39d 16' 56"N, -74d 32' 26"W, then east to 39d 16' 54"N, -074d 32' 16"W, then ending north east at point 39d 17' 1"N, -074d 32' 8"W. The pipeline covered in shoal sediment has approximately 5-6ft depth at MLLW.

NJ – BARNEGAT INLET TO LITTLE EGG INLET – BEACH FILL OPERATIONS (Charts 12323, 12324)

Great Lakes Dredge and Dock Company Dredges Dodge Island, Padre Island and Liberty Island will be conducting beach fill operations in the area of Barnegat Inlet to Little Egg Inlet, NJ from April to **September 2016**. Material will be dredged from a borrow area approximately 3 NM offshore of Harvey Cedars and pumped directly to shore using multiple pipelines. Ref LNM 16/16

NJ – GREAT EGG HARBOR BAY – DRAG CHANNEL - BRIDGE CONSTRUCTION & DEMOLITION UPDATE (Chart 12316)

Mariners are advised that marine work consisting of several activities including but not limited to temporary cofferdam construction, superstructure erection and demolition are in progress through **December 2018** for the replacement of the existing southbound bridges carrying the Garden State Parkway, and rehabilitation of the northbound bridges carrying the Garden State Parkway. Ref LNM 03/16

NJ – GREAT EGG HARBOR INLET – GREAT EGG HARBOR – TUCKAHOE RIVER (Chart 12318)

Mariners are advised of the continued demolition work at the Route 50/State Highway Bridge, at mile 8.0, across Tuckahoe River between Corbin City and Upper Township NJ. Demolition work will include removal of the bridge superstructure, abutment walls, fender system and the bascule piers, work will be conducted from 7:00 a.m. to 3:30 Monday through Friday until **January 2017**.

******NJ – GREAT CHANNEL - STONE HARBOR – DREDGING****** (Chart 12316)

Stevenson Environmental Services will be conducting dredging operations in the Great Channel, in Stone Harbor, NJ from September 20, 2016 through **January 26, 2017**. Dredging will be located in the South Basin, Snug Harbor, Stone Harbor, Pleasure Bay, Carnival Bay, Sanctuary Bay, Paradise Bay, Stone Harbor Hole, and access channels. Dredging is being completed with a mechanical dredge, 24 hours a day, 7 days a week.

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, 2016**. Ref LNM 02/16

MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR - PIER FACILITY REHABILITATION (Chart 12278)

Marine Technologies Inc will be conducting crane pier facility rehabilitation on Hart Miller Island from 8 Aug to **22 Oct 2016**, in approximate position 39.1426.62N, 76.2151.89W. Work will be conducted from two Spud Barges during daylight hours. Dustin Hawley, Project Manager, 443-388-0224, 24/7.

MD – BALTIMORE HARBOR – DREDGING (Chart 12281)

On behalf of the Maryland Port Administration a contractor will be conducting dredging operations at the Fairfield Marine Terminal between Piers 3 and 4 between Jul and **Oct 2016**. Please contact Maura Morris, Project Manager at 410-729-8369 for questions or additional information.

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

MD – CHESAPEAKE BAY – WICOMICO RIVER - HORIZONTAL DIRECTIONAL BORING (Chart 12261)

Delmarva Power & Light Company will be horizontally directionally boring a minimum of 20 feet under the Wicomico River to install electric utility conduits. Entrance and exit location on the south-side of the Wicomico River is at the City of Salisbury Pumping Station and on the north-side of the Wicomico River, east of Hess Road, Salisbury, MD. September 6 to **November 30, 2016**. Please call Chuck Reed, DPL Environmental Planning at 302-283-6076 with any questions. Ref LNM 34/16

DC – UPPER POTOMAC RIVER/WASHINGTON CHANNEL (Chart 12289)

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

******DC – POTOMAC RIVER - WASHINGTON HARBOR – FRANCIS SCOTT KEY BRIDGE – REPAIRS****** (Chart 12289)

DC DOT repairs to the existing US-29/Francis Scott Key Bridge (also known as the Key Bridge), across the Potomac River at mile 113. Work will begin on September 20, 2016, Mondays through Fridays, from 7 a.m. to 5 p.m. The two-year rehabilitation project includes spalling and spot-repairing the concrete bridge piers, re-surfacing the bridge deck, and installing a fiberglass jacket at the footer of each pier. 40 ft x 80 ft deck barges will be positioned (spudded) next to the bridge piers, within the 200-ft wide span, at all times. Ref LNM 35/16

VA – CHESAPEAKE BAY – YORK RIVER – TEMPORARY MOORING BUOYS (Chart 12241)

Corman Marine established twelve temporary mooring buoys on the York River to support the construction of a new outfall and diffuser for the Hampton Roads Sanitation District Yorktown Water Treatment Plant. Ten of the buoys will be north of the York River Channel, south of Allens Island. The two buoys south of the channel located west of the northern entrance to Goodwin Thorofare Channel. All buoys are white with a blue stripe, and outfitted with a slow flashing white light. Ref LNM 26/16

VA – JAMES RIVER – JAMESTOWN ISLAND TO JORDAN POINT - DREDGING (Chart 12251)

The Cottrell Dredge Marion will be conducting dredging operations on the James River between James River Channel Lighted Buoy 57 (LLNR 12200) and Lighted Buoy 66 (LLNR 12250) from 12 August to **30 October 2016**.

VA – JAMES RIVER/NEWPORT NEWS SHIPBUILDING WATERFRONT (Chart 12248)

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

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.

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 – ELIZABETH RIVER – LAMBERTS BEND REACH – DREDGING****** (Chart 12253)

The Dredge Lexington will be conducting dredging operations within the Elizabeth River Channel, Lamberts Bend Reach between Elizabeth River Channel Lighted Buoy 25 (LLNR 9710) and Elizabeth River Channel Lighted Buoy 30 (LLNR 9735) and within the Navy Deperming Station (on the west side of the channel). 1 Sep through **1 Nov 2016**. Ref LNM 36/16

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 – CAPE CHARLES TO WOLF TRAP – DREDGING OPERATIONS (Chart 12224)

The dredge Rockbridge will be conducting dredging operations in the Cherrystone Inlet Channel from the Cape Charles City Lighted Buoy 1CC (LLNR 21450) to Cape Charles City Light 4 (LLNR 21470) from July 18 through **October 15, 2016**, 24 hours a day, seven days a week. Ref LNM 29/16

VA – CHESAPEAKE BAY – CAPE CHARLES TO WOLF TRAP – DREDGING (Chart 12224)

The Saxton will be conducting dredging operations in the Cherrystone Inlet Channel of the Cape Charles City Channel between Cape Charles City Lighted Buoy 1CC (LLNR 21450) and Cape Charles City Light 4 (LLNR 21470). The dredge will conduct operations from 1 June through **September 15, 2016**. The dredge Rockbridge monitors VHF channels 13 and 16. Dredging operations will be conducted twenty-four (24) hours a day seven (7) days a week. Ref LNM 20/16

VA/NC – CAPE HENRY TO PAMLICO SOUND – INCLUDING ALBEMARLE SOUND - BRIDGE CONSTRUCTION (Chart 12205)

An engineering firm, on behalf of the North Carolina Department of Transportation (NCDOT), will be constructing a new bridge to replace the Herbert C. Bonner Bridge across the Oregon Inlet, at mile 0.9, Dare County, NC. Construction activities will begin on March 7, 2016 and are expected to finish on **August 30, 2019**. Ref LNM 09/16

NC – BEAUFORT INLET- DREDGING (Chart 11547)

The DUTRA Group will conduct dredging operations in Beaufort Inlet between 15 June and **15 Sept 2016**. The project includes the dredging of Range A and Range B. Dan Marine Towing will be operating the tug COLONEL along with the barge PAULA LEE and 2 dump scows 24/7. For questions involving dredge operations please call (415) 717-7214. Ref LNM 23/16

NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION (Chart 11545)

Take caution and proceed slowly when approaching the construction site of the New Gallant's Channel Fixed Bridge, over the Gallants Channel in Beaufort, NC. All vessel traffic can expect delays and should adjust voyage plans accordingly. The Orion Marine Construction onsite work supervisor can be contacted on VHF channel 13 and telephone at (813) 334-0208. Ref LNM 12/16

NC – MOREHEAD CITY HARBOR- MOREHEAD CHANNEL – DREDGING (Chart 11547)

Dutra Dredging will be conducting dredging operations in Morehead City Harbor and Morehead Channel, Ranges A and B from 25 Jul to **31 Oct 2016**. Dredge DB PAULA LEE and vessels Trojan and Colonel will also be on scene, all vessels will monitor Channels 12, 14, and 82. For further information contact Brad Shoffit (415)-519-4262 or Joe Dunlap (415) 302-8709.

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

SUMMARY OF MARINE EVENTS AND FIREWORKS DISPLAYS IN THE FIFTH COAST GUARD DISTRICT

******MD – FENWICK ISLAND TO CHINCOTEAGUE ISLAND – OCEAN CITY INLET - REGULATED AREA******

The annual "Ocean City Offshore Grand Prix" is scheduled to occur in the North Atlantic Ocean during October 8-9, 2016, between 10 a.m. and 5 p.m. both days. Approximately 40 high-speed offshore power boats (21-50 feet in length) will compete on a marked, closed race course located adjacent to the beach area at Ocean City, MD. As described in the Table to 33 CFR Sections 100.501, a regulated area is established for all waters of the Atlantic Ocean commencing at latitude 38°20'06.33" N. longitude 075°04'39.09" W., thence east to latitude 38°20'03.75" N. longitude 075°04'27.46" W., thence north and parallel to Ocean City shoreline to latitude 38°21'32.00" N. longitude 075°03'46.57" W.; thence west to shoreline at latitude 38°21'34.58" N. longitude 075°04'00.95" W.; thence south to the point of origin. A buffer area, 500 yards in all directions surrounding the perimeter of a Race Area or Marine Event Area within the Regulated Area, is a neutral zone. The purpose of a buffer area is to minimize potential collision conflicts with marine event participants or race boats and spectator vessels or nearby transiting vessels. This area includes all waters of North Atlantic Ocean commencing at a point near the shoreline at latitude 38°21'52" N. longitude 075°04'09" W., thence east to latitude 38°21'44" N. longitude 075°03'21" W., thence southwest and parallel to Ocean City shoreline latitude 38°19'47" N. longitude 075°04'15" W., thence west to the shoreline at latitude 38°19'55" N. longitude 075°04'57" W. A spectator area is designated within all waters of North Atlantic Ocean commencing at latitude 38°20'01" N. longitude 075°04'08.4" W., thence east to latitude 38°19'58" N. longitude 075°03'57" W., thence north and parallel to Ocean City shoreline to latitude 38°21'26" N. longitude 075°03'16" W.; thence west to shoreline at latitude 38°21'29" N. longitude 075°03'27.8" W., thence south to the point of origin. Vessel operation is restricted to operate at No Wake Speed. Spectators are only allowed inside the Regulated Area if they remain within a designated spectator area. Spectators may contact the Coast Guard Patrol Commander to request permission to either enter the Spectator Area or pass through the Regulated Area. If permission is granted, spectators may enter the Spectator Area or must pass directly through the Regulated Area as instructed by PATCOM at safe speed and without loitering. All coordinates reference datum NAD 83. This Regulated Area will be enforced from 9:30 a.m. to 5:30 p.m. on October 8, 2016 and from 9:30 a.m. to 5:30 p.m. on October 9, 2016. The Coast Guard Patrol Commander or designated marine event patrol may forbid and control the movement of all vessels in the Regulated Area. The Coast Guard Patrol Commander and designated marine event patrols may be contacted on marine band radio VHF-FM channel 16. When hailed or signaled by an official patrol vessel, a vessel in the area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The Coast Guard may be assisted in the patrol and enforcement of this area by federal, State and local agencies. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12211

******MD - CHESAPEAKE BAY - PATAPSCO RIVER - NORTHWEST HARBOR (EAST CHANNEL) – FIREWORKS DISPLAY SAFETY ZONE******

The annual Defenders' Day Celebration fireworks display is scheduled to occur on the Patapsco River, adjacent to the Fort McHenry National Monument & Historic Shrine in Baltimore, MD, on Saturday, September 10, 2016 (no rain date), at approximately 8:15 p.m. As described in the Table to Title 33 CFR Section 165.506, a safety zone is established for all waters of the Patapsco River, within a 300-yard radius of a fireworks discharge barge located in approximate position latitude 39°15'55" N, longitude 076°34'35" W, located adjacent to the East Channel of Northwest Harbor at Baltimore, MD. The zone will be enforced from 7:30 p.m. to 9:30 p.m. on September 10, 2016. The fireworks floating platform will have a sign on its port and starboard sides labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the safety zone will be enforced. This notice will consist of a diamond shaped sign 4 foot by 4 foot with a 3-inch orange retro reflective border. The word "DANGER" in 10 inch black block letters centered on the sign with the words "FIREWORKS" and "STAY AWAY" in 6 inch black block letters above and below the word "DANGER" respectively on a white background. Vessels may not enter, remain in, or transit through the safety zone during this period unless authorized by the Captain of the Port (COTP) Maryland-National Capital Region or designated Coast Guard patrol personnel on scene. All Coast Guard assets enforcing this safety zone can be contacted on marine band radio VHF-FM Channel 16. Other Federal, State and local agencies may assist the U.S. Coast Guard in the enforcement of the safety zone. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at 410-576-2674 or (410) 576-2525. Chart 12281

MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – BALTIMORE HARBOR – REGULATED AREA

The **2016 Baltimore Air Show** is scheduled to occur over the Patapsco River at Baltimore, MD during **October 15-16, 2016**, between 11 a.m. and 5 p.m. The event includes air show arrivals and practices during October 13-14, 2016, between 11 a.m. and 5 p.m. As described in 33 CFR 100.501, a Regulated Area is established for all waters of the Patapsco River, within an area bounded by a line connecting position latitude 39°16'00" N., longitude 076°36'30" W.; thence east to latitude 39°16'00" N., longitude 076°33'00" W.; thence south to latitude 39°14'30" N., longitude 076°33'00" W.; thence west to latitude 39°14'30" N., longitude 076°36'30" W.; thence north to point of origin, located between Port Covington and Seagirt Marine Terminal, Baltimore, MD. The effect will be to restrict vessel traffic on the Patapsco River and its tributaries. The Regulated Area will be enforced each day, from 10 a.m. to 6 p.m., during October 13-16, 2016. At no time will spectators be permitted to obstruct the federal navigation channel outside the Regulated Area. **A designated spectator area** is located northward of, and immediately adjacent to, the marked aerobatics show box. This spectator area includes all waters of Patapsco River located between the north boundary defined by a line drawn from the vicinity of North Locust Point Marine Terminal, Pier 1 thence east to Canton Industrial area, Pier 5; the south boundary is defined by a line drawn from vicinity of Whetstone Point thence east to Lazaretto Point. This area is located generally where Northwest Harbor, East Channel joins Patapsco River, Fort McHenry Channel, near Fort McHenry National Monument, Baltimore, MD. This area is bound by a line to the north commencing at position latitude 39°16'01" N., longitude 076°34'46" W.; thence east to latitude 39°16'01" N., longitude 076°34'09" W.; and bound by a line to the south commencing at position latitude 39°15'39" N., longitude 076°35'23" W.; thence east to latitude 39°15'26" N., longitude

076°34'03" W. This spectator area is restricted to certain vessels as described in § 100.501 paragraph (g) (2). Only commercial small passenger vessels holding a valid Certificate of Inspection regulated under 46 CFR subchapters K and T (46 CFR §§114.110, and 175.110) will be authorized within this designated on-water spectator area. Vessels that meet the requirements of this section may request access to the Patapsco River spectator area by contacting the Sail Baltimore at (410) 522-7300 or email info@sailbaltimore.org to obtain a vessel spectator area application. Vessel spectator area applications shall be submitted no later than 10 calendar days prior to the event date. Applicants will be notified by the Captain of the Port or representative regarding status of applications and further instructions. All vessels shall contact the Patrol Commander on VHF-FM channels 16 or 22A prior to transiting to the spectator area to confirm entry approval. Vessels approved for spectator area access shall follow the instructions issued by the Patrol Commander when entering the Regulated Area, including remaining at least 100 yards from commercial waterfront facilities and piers. The regulations for this event will restrict access to some of the anchorage grounds listed at 33 CFR §110.158, Baltimore Harbor, MD, specifically (1) Anchorage No. 1, (2) Anchorage No. 2, (3) Anchorage No. 3 Upper, and (4) Anchorage No. 3 Lower. An **aerobatics show box** is located within the Regulated Area. This area generally encompasses the eastern part of the Patapsco River-Middle Branch, south of Fort McHenry National Monument, and is bound by a line connecting the following points: commencing at position latitude 39°15'43.7" N., longitude 076°35'55.6" W.; thence east to latitude 39°15'18.8" N., longitude 076°33'26.4" W.; thence south to position latitude 39°14'52.7" N., longitude 076°33'33.7" W.; thence west to latitude 39°15'17.6" N., longitude 076°36'02.8" W; thence to point of origin. Several unlit, floating information and regulatory marks (white and orange) will be established along the boundary of the aerobatics box located within the Regulated Area. In addition, three large orange inflatable floating markers will be established within the aerobatics box to assist air show performers. All coordinates reference (Datum NAD 1983). The Patrol Commander or designated marine event patrol may forbid and control the movement of all vessels and persons in the Regulated Area. When hailed or signaled by an official patrol vessel, a vessel or person in the Regulated Area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of any vessel in the Regulated Area shall: (i) Stop the vessel immediately when directed to do so by any Official Patrol and then proceed only as directed, (ii) All persons and vessels shall comply with the instructions of the Official Patrol, (iii) When authorized to transit the Regulated Area, all vessels shall proceed at the minimum speed necessary to maintain a safe course that minimizes wake while within the Regulated Area. The Patrol Commander or designated marine event patrol on Marine Band Radio, VHF-FM channel 16 (156.8 MHz). Updates on the status of the Regulated Area will be made via Broadcast Notice to Mariners over VHF-FM marine band radio. Patrol Commander means a commissioned, warrant, or petty officer of the U. S. Coast Guard who has been designated by the Commander, Coast Guard Sector Maryland-NCR. Official Patrol means any vessel assigned or approved by Commander, Coast Guard Sector Maryland-NCR with a commissioned, warrant, or petty officer on board and displaying a Coast Guard ensign. Marine Event Patrol means any vessel assigned by the Coast Guard, as described in 33 CFR §100.40, to patrol the event. Vessels or persons violating the regulation may be liable pursuant to 33 U.S.C. 1236. The maximum civil monetary penalty for violation of 33 U.S.C. 1236 is found at 33 CFR 27.3 (Penalty Adjustment Table). Questions about this notice should be addressed to the Coast Guard Sector/Captain of the Port Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2519, or email D05-DG-SectorMD-NCR-MarineEvents@uscg.mil. Chart 12281

MD – CHESAPEAKE BAY – BALTIMORE HARBOR – SAILING REGATTA WEEKLY SERIES

The annual sailboat racing weekly series is scheduled to occur in Baltimore Harbor each Tuesday evening, from April 12 through **October 18, 2016**, from 6 p.m. to 9 p.m. Approximately 25 sail boats in three fleets (25 to 40 feet in length) will compete in a single race on a designated course located between the Francis Scott Key (I-695) Memorial Bridge and the Fort McHenry National Monument and Historic Shrine at Baltimore, MD. More information can be obtained at the Baltimore City Yacht Association's (BCYA) website: www.bcya.com. Interested mariners may contact the BCYA Race Committee on marine band radio VHF-FM channel 72. For any comments or questions contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12281

******MD – CHESAPEAKE BAY – CHESTER RIVER – ROCK HALL HARBOR – SWIM EVENT******

The swim portion of the "Watermans Triathlon" is scheduled to occur in Rock Hall Harbor during **October 1-2, 2016**, between 8 a.m. and 10 a.m. both days. Several hundred swimmers will compete on a marked 750-meter course (two laps on Saturday at 8 a.m. and one lap on Sunday at 9 a.m.). Yellow triangular buoys will mark swim course turns and orange buoys will mark course straight-aways. Swimmers will be supported by sponsor-provided watercraft. Official patrol vessels on scene can be contacted on marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12272

MD – CHESAPEAKE BAY - MAGOTHY RIVER - SILLERY BAY – MAGOTHY NARROWS – SWIM EVENT

The annual "Baltimore Swim Across America" open water swim is scheduled to occur in the Magothy River, east of the Magothy Narrows in Redhouse Cove, on **September 18, 2016**, from 8:30 a.m. to 11 a.m. Up to 500 swimmers will operate on a marked, one-mile loop course with a start and finish at the High Tide Farm in Pasadena, MD, located near the Gibson Island Yacht Club. Swimmers will be supported by sponsor-provided watercraft. Official patrol personnel on scene can be contacted on marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2693. Chart 12283

MD – CHESAPEAKE BAY – SEVERN AND MAGOTHY RIVERS – SAILING RACES

An annual sailing regatta is scheduled to occur on the Chesapeake Bay during **September 16-18, 2016**, between 10 a.m. and 6 p.m. each day. Approximately 55 sailboats (17 feet in length) will compete on a designated course area located at the mouth of the Severn River near Annapolis, MD. More information on the *2016 International 505 East Coast Championship* can be obtained at the Severn Sailing Association website at <http://www.severnsailing.org/>. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12282

MD – CHESAPEAKE BAY – COVE POINT TO THOMAS POINT – SAIL RACES

The Naval Academy Sailing Squadron (NASS) Regattas are scheduled to occur on the middle Chesapeake Bay, between the Wm. P. Lane, Jr. Memorial (US-50/301) Bridges and Thomas Point, MD, with four individual events scheduled from 9 a.m. to 5 p.m. on the following dates during 2016: April 16 (NASS Spring Race); September 17-18 (Shields Cup Regatta); October 22-23 (McMillan Cup Regatta); and **November 5-6** (Kennedy Cup Regatta). Each regatta consists of participating sailboats from 25 to 50 feet in length. The Race Committee can be contacted via marine band radio VHF-FM channels 16 and 77. More information is available at website: <http://nass.sailregattas.com>. For any comments or questions contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12270

MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – SAILING RACES

The Eastport Yacht Club's (EYC) annual sailing regattas are scheduled to occur on the Chesapeake Bay, south of the William P. Lane, Jr. (US-50/301) Memorial Bridges between Hackett Point and Thomas Point, with two individual events scheduled between 9:30 a.m. and 6 p.m. on the following dates in 2016: September 17 (*Hospice Cup XXXIII*); and **September 22-25** (*J30 North American Championship*). More information can be obtained at the EYC website at race.committee@eastportyc.org. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12270

MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – SEVERN RIVER – SAILING REGATTAS

The Annapolis Yacht Club's (AYC) annual sailing regattas are scheduled to occur in the Severn River and the Chesapeake Bay, near the mouth of the Severn River, between 10 a.m. and 4 p.m., with 21 individual events scheduled on the following dates in 2016: July 23 (*Summer One Design*); September 3-4 (*Annapolis Labor Day*), September 9-11 (*U.S. Women's Match Race Championship*), September 10 (*Fall Harbor*), September 13-15 (*Warrior Sailing Project*), September 24-25 (*Inter-Club Team Race*); October 1-2 (*Fall Series Weekend 1*), October 8 (*Fall Series Distance Race*), October 15-16 (*Fall Series Weekend 2*), October 22-23 (*Fall Eschells - Lippincott and Halloween Howl*), **October 29-30** (*J/105 & J/35 Fall Championships*). The AYC Race Committee can be contacted at racechair@annapolisyc.org. For any comments or questions, contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12270, 12282, 12283

MD – CHESAPEAKE BAY – PATUXENT RIVER AND VICINITY– SOLOMONS HARBOR – DOCKING CONTEST

The Calvert County Waterman Assoc. will sponsor its annual docking contest in Solomons Harbor on **September 18, 2016**, from 12 Noon to 3 p.m. Up to 20 Bay Built work boats (30-45 feet in length) will participate in a boathandling demonstration at the Waterman's Wharf in Solomons, MD. Floating markers will be placed around the event area. Official safety patrol vessel on scene can be contacted via marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12264

******MD – CHESAPEAKE BAY – CHOPTANK RIVER - SWIM EVENT******

The swim portion of the annual Ironman Maryland 140.6 Triathlon is scheduled to occur in the Choptank River on **October 1, 2016**, from 6:30 a.m. to 11 a.m. Approximately 2,200 participants starting in waves will compete along a marked; 1.2-mile rectangular swim course located the shoreline at Cambridge, MD, between Great Marsh Park and the Cambridge Yacht Club. Participants will be accompanied and supported by sponsor-provided watercraft. Official patrol vessels on scene can be contacted via marine band radio VHF-FM Channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12266

******VA - MD - POTOMAC RIVER - MATTAWOMAN CREEK TO GEORGETOWN - MOUNT VERNON CUT – FIREWORKS DISPLAY******

A short-duration aerial fireworks display is scheduled to occur from a barge located on the Potomac River on **September 21, 2016** (rain date September 22, 2016) at approximately 7:45 p.m. The discharge site is located approximately 500 feet from the shoreline at George Washington's Mount Vernon Estate and Gardens in Mount Vernon, VA, in approximate position latitude 38°42'21.6" N, longitude 077°05'01.0" W. Mariners are urged to use caution when transiting the area, and heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 500 feet from the fireworks discharge site. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693. Chart 12289

******VA - MD – CHESAPEAKE BAY – DISTANCE SAILING REGATTA******

The annual "The Great Chesapeake Bay Schooner Race" is scheduled to occur on the Chesapeake Bay during **October 13-14, 2016**. The race consists of up to 20 participating sailing vessels (from 30 to 150 feet in length) departing from Fells Point in Baltimore, MD on Thursday, October 13, 2016 at 8:30 a.m., then proceeding to the race start, located outside the federal navigation channel just south of the William. P. Lane Jr. Memorial Bridges (US-50/301) near Annapolis, MD, is scheduled at approximately 1:30 p.m. A small spectator fleet is expected at the start of the race. The finish is located at Windmill Point Light (LLNR 7330) and Thimble Shoal Light (LLNR 9310), and afterwards, participants will proceed to docking in Portsmouth, VA. Interested mariners may contact the "Schooner Race Committee" on marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12270, 12280

******VA - ATLANTIC OCEAN - CHESAPEAKE BAY - LYNNHAVEN ROADS******

The Broad Bay Sailing Association will be hosting the Neptune's Atlantic Regatta on **October 1, 2016**, beginning at 9:25 a.m. and ending at 3 p.m. The regatta will begin at the entrance to Little Creek proceed around Cape Henry and will end offshore 24th street of the Virginia Beach waterfront in Virginia Beach, VA. Mariners are advised to proceed with caution while transiting the area.

VA - CHESAPEAKE BAY - RAPPAHANNOCK RIVER

The Rappahannock River Yacht Club will be hosting the 2016 Hospice Turkey Shoot Regatta in the Rappahannock River between the Robert Norris Bridge and the town of Urbanna, VA. This event will take place on **October 1 and 2, 2016** beginning at 10 a.m. and ending at 5 p.m. each day. Mariners are requested to use caution when transiting the area.

VA - JAMES RIVER - ROCKETT'S LANDING

The Richmond Rox Triathlon will occur in the James River in the vicinity of Rockett's Landing. This event will take place on **September 18, 2016**, beginning at 6 a.m. and ending at 12 p.m. Mariners are advised to use caution and bare steerage when transiting the area.

VA - CHESAPEAKE BAY - HAMPTON ROADS

The Cruising Club of Virginia will be hosting the CCV 2016 Fall Series on the Chesapeake Bay in the vicinity of Hampton Roads on September 18 and 25, 2016 and on the lower Chesapeake Bay on **October 9, 2016**, from 10 a.m. to 4:30 p.m. each day. Mariners are requested to use caution while transiting the area.

VA - CHESAPEAKE BAY - PIANKATANK RIVER - DELTAVILLE

The Fishing Bay Yacht Club's Offshore Fall Series #1 2016, will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on **September 18, 2016** beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area. Chart 12235

VA - CHESAPEAKE BAY - PIANKATANK RIVER - DELTAVILLE

The Fishing Bay Yacht Club's Offshore Fall Series #2 2016, will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on **September 24, 2016** beginning at 9:00 a.m. and ending at 5:00 p.m.. Mariners are requested to use caution when transiting the area. Chart 12235

VA - CHESAPEAKE BAY - PIANKATANK RIVER - DELTAVILLE

The Fishing Bay Yacht Club's J70 Chesapeake Bay Championship, will occur on the Chesapeake Bay, at the mouth of the Piankatank River. This event will take place on October 1 and **October 2, 2016** beginning at 9 a.m. and ending at 5 p.m., each day. Mariners are requested to use caution when transiting the area. Chart 12235

VA - CHESAPEAKE BAY - PIANKATANK RIVER - DELTAVILLE

The Fishing Bay Yacht Club's Offshore Fall Series #3 2016, will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on **October 8, 2016** beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area. Chart 12235

VA - CHESAPEAKE BAY - HILLS BAY

The Fishing Bay Yacht Club's Laser Fall Regatta, will occur on Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on **September 17, 2016** beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area. Chart 12235

VA - CHESAPEAKE BAY - HILLS BAY

The Fishing Bay Yacht Club's One Design Fall Series #3, will occur in Hills Bay near Gwynn's Island in Milford Haven, VA. This event will take place on **September 25, 2016** beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area. Chart 12235

VA - CHESAPEAKE BAY - HAMPTON BAR

The Hampton Yacht Club will be hosting the Wednesday Night Races on the Hampton Bar in Hampton Roads, VA. The sailboat regattas will be held every Wednesday night, starting on April 6, 2016 and ending on **September 28, 2016**, beginning at 6 p.m. and ending at 8:30 p.m. Mariners are requested to use caution and bare steerage when transiting the area. Chart 12245

VA - HAMPTON ROADS - HAMPTON FLATS

The Hampton Yacht Club will be hosting the Single-hand Race sailboat race on **September 28, 2016** from 11 a.m. until at 4 p.m. Racing will take place in the vicinity of Hampton Roads and Hampton Flats in Hampton, VA. Mariners are requested to use caution when transiting the area. Chart 12245

VA - CHESAPEAKE BAY - HAMPTON FLATS

The Cruising Club of Virginia will be hosting the 2016 CCV Octoberfest Race Series on the Chesapeake Bay in the vicinity of Hampton Flats in Norfolk, VA. This event will take place on **October 5, 12, 19, 26, 2016** beginning at 5:30 p.m. and ending at 6:30 p.m. Mariners are requested to use caution when transiting the area. Chart 12245

VA - HAMPTON ROADS - WILLOUGHBY BAY - ELIZABETH RIVER

The Mill Creek Boat Club will be hosting the Hampton Roads Sunfish Challenge and Dinghy Distance Race in Willoughby Bay, Elizabeth River and Hampton Roads in Hampton, VA. This event will take place on **September 17, 2016**, beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area.

VA- CHESAPEAKE BAY- ELIZABETH RIVER

The Magnolia Circle Norfolk City Union of the King's Daughters will be hosting the Magnolia Circle Dragon Boat Race on the Elizabeth River, near Nauticus, in Norfolk, VA. This event will take place each day September 12, 2016 through **September 17, 2016** beginning at 6:00 AM and ending at 8:00 PM, daily. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - ELIZABETH RIVER

The Portsmouth Boat Club Barnacle Series Races will occur in the Elizabeth River from Lambert Bend to Town Point Reach. These events will take place on April 15, 22 and 29, 2016; May 6, and 13, 2016; July 1, 8, 15, 22 and 29, 2016; August 5, 2016; September 2, 9, 16, 23 and 30, 2016, beginning at 5:45 p.m. and ending at 8:30 p.m. Races that are scheduled for May 21 and **October 8, 2016** will begin at 9:30 a.m. and end at 12:30 p.m. Mariners are requested to use caution when transiting the area. Chart 12253

VA - CHESAPEAKE BAY - ELIZABETH RIVER - LAFAYETTE RIVER

The Norfolk Yacht and Country Club will be hosting the Norfolk Yacht 2016 Fall Series in the Elizabeth River and the Lafayette River. These events will take place every Friday beginning on August 26, 2016 and ending **September 30, 2016**, from 6 p.m. to 8 p.m. Mariners are requested to use caution and bare steerage while transiting the area.

VA - DISMAL SWAMP

The Virginia Beach Paddlesports will be hosting the 50 Dismal Miles Paddle Race, in Dismal Swamp in Chesapeake, VA. This event will take place on **October 1, 2016** beginning at 6 a.m. and ending at 6 p.m. Mariners are requested to use caution when transiting the area.

VA - LAKE ANNA – SPOTSYLVANIA

The Giant Acorn Triathlon will take place on **September 24 and 25, 2016** on Lake Anna in the vicinity of Lake Anna State Park in Spotsylvania, VA. The swim portion of the triathlon will begin at 9 a.m. and end at 10:30 a.m. each day. Mariners are requested to use caution and bare steerage when transiting the area.

NC – CAROLINA YACHT CLUB SAILBOAT RACES

The "Carolina Yacht Club Sailboat" races will be conducted throughout the year from May 14, 2016 through **December 10, 2016** at various times. These sailing races will include approximately 10 - 100 participants, and sailing boats ranging from 13 - 37' feet in length. The races will be held on the Atlantic Ocean, Banks Channel, Motts Channel and Greenville Sound in Wrightsville Beach, NC. Specific sailboat races times or schedule can be provided by calling the Carolina Yacht Club at (910) 256-3396. No restrictions will be placed on the use of any navigable waters by other parties. Chart 11541



WWM VIP SHOALING

NOT TO BE USED FOR NAVIGATION

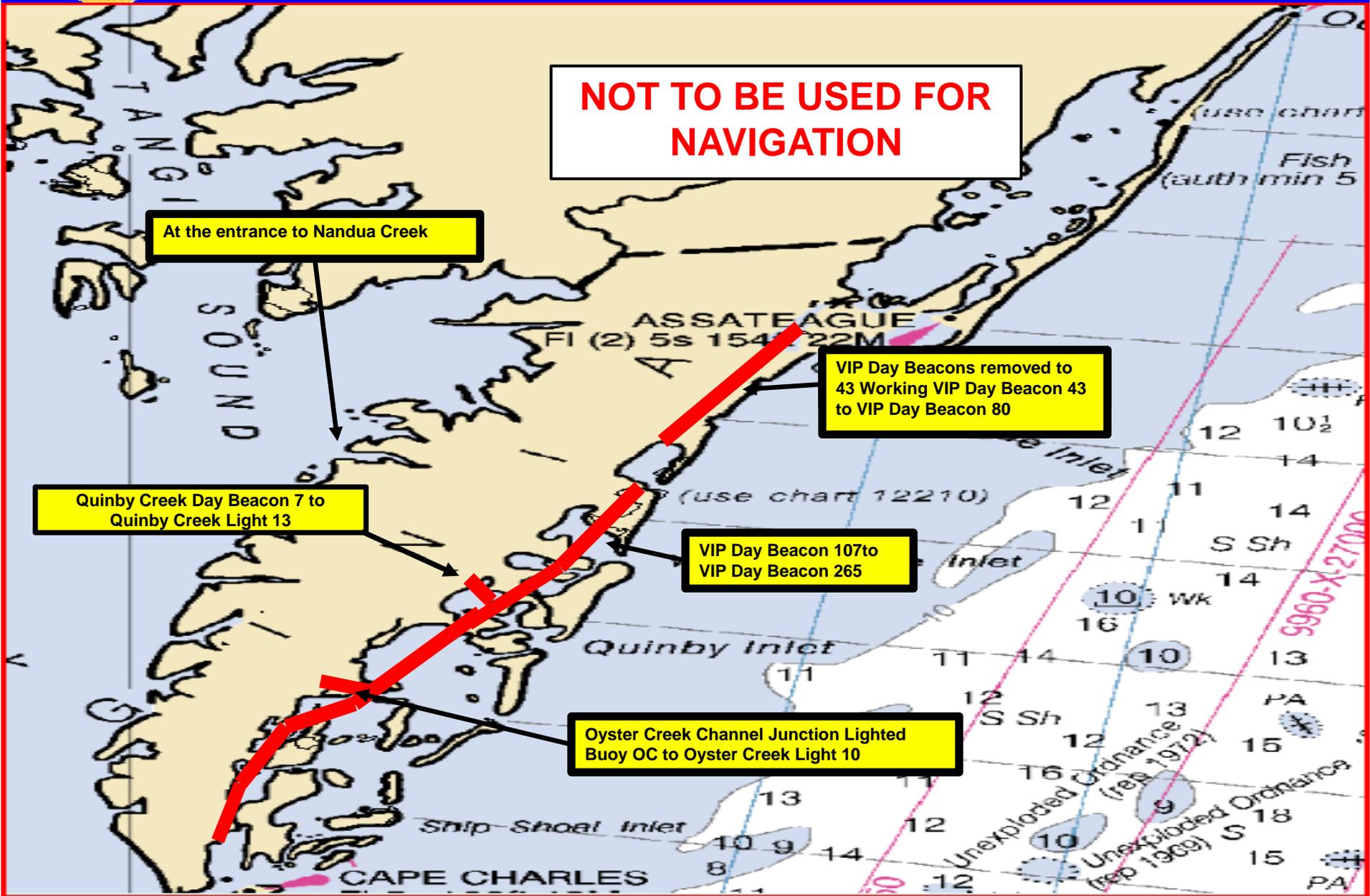
At the entrance to Nandua Creek

VIP Day Beacons removed to 43 Working VIP Day Beacon 43 to VIP Day Beacon 80

Quinby Creek Day Beacon 7 to Quinby Creek Light 13

VIP Day Beacon 107 to VIP Day Beacon 265

Oyster Creek Channel Junction Lighted Buoy OC to Oyster Creek Light 10



| | Waterway | Depth | Notes |
|----|------------------------------|-------|--|
| 1 | Oregon Inlet | <10' | BNM 642-14, areas around Bonner Bridge. No standard charted depth |
| 2 | Hatteras Inlet | < 7' | BNM 031-16, areas around South Ferry Terminal Channel 1SF & light 7; BNM 028-15, Hatteras Channel 9 to 12C. No standard charted depth. |
| 3 | Ocracoke Inlet | < 12' | Shifting shoals ITVO Bigfoot Slough Channel buoy 10 & 11. No standard charted depth. |
| 4 | Barden Inlet | < 12' | Shifting shoals. Charted depth 8'-23'. |
| 5 | Beaufort Inlet | <25' | BNM 036-16, Range A & Cutoff Channels buoys 16 & 17 and 13 to 15. Charted depth 35'. Dredging in process. |
| 6 | Bogue Inlet | <10' | Shifting shoals ITVO Bogue Inlet Channel buoy 1 & 2. No standard charted depth. |
| 7 | New River Inlet | < 10' | BNM 003-15, Shifting shoals. No standard charted depth. |
| 8 | New Topsail Inlet | <12' | Shifting shoals. No standard charted depth. |
| 9 | Masonboro Inlet | <12' | Shifting shoals. Charted depth 16'. |
| 10 | Carolina Beach Inlet | <12' | BNM 659-15/207-16, Inlet Channel Buoy 1 to 6. No standard charted depth. |
| 11 | Lockwoods Folly Inlet | <10' | Shifting shoals. No standard charted depth. |
| 12 | AICWW CFR - Little R | <12' | Unstable/shoaling in numerous areas |
| 13 | AICWW Beaufort - CFR | <12' | Unstable/shoaling in numerous areas |
| 14 | Core Sound | <12' | Significant shoaling |
| 15 | Pamlico Sound | <12' | Minimal shoaling |
| 16 | Albemarle & Currituck Sounds | <12' | Minimal shoaling |

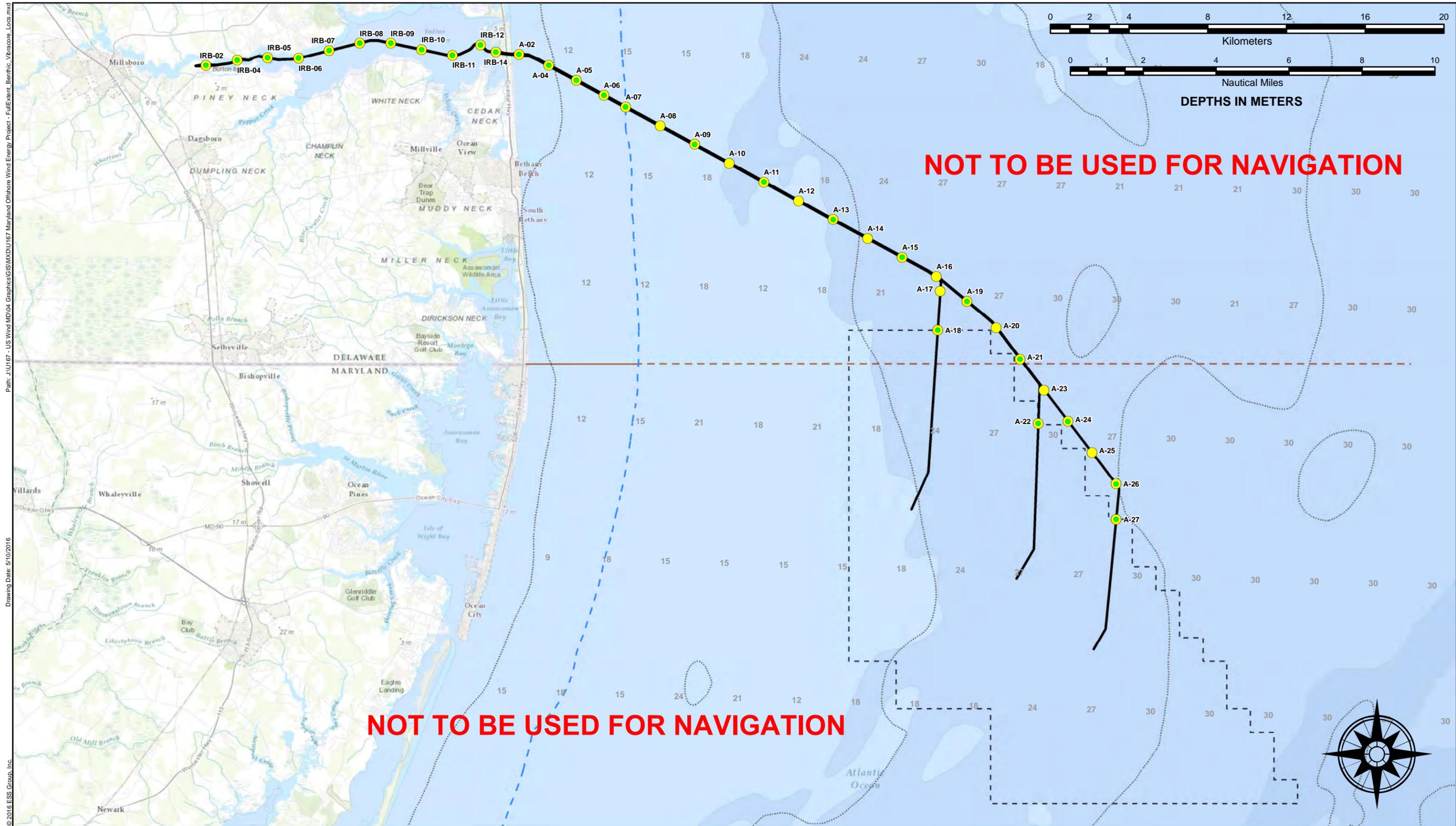
NOTE: The conditions depicted on this drawing are not intended to replace nautical charts published by National Ocean Service, U.S. Coast Guard aids to navigation, or U.S. Coast Guard Notices to Mariners. This drawing is only to indicate the general conditions of the waterway and are not intended to be used for navigational purposes.

NOT TO BE USED FOR NAVIGATION



Mariners are encouraged to obtain the most recent U.S. Army Corps of Engineers Wilmington District hydrographic survey information, centerline waypoints & controlling depths at:

<http://www.saw.usace.army.mil/Missions/Navigation.aspx>



Path: J:\U167 - US Wind MD\04_Graphics\GIS\MXD\U167 Maryland Offshore Wind Energy Project - FullExtent_Benthic_Vibracore_Locs.mxd
 Drawing Date: 9/10/2016
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Maryland Offshore Wind Energy Project

Offshore Maryland

1 centimeter = 1,800 meters

- Source: 1) ESS, Export Cable Route, 2016
 2) BOEM, Wind Planning Areas, 2013
 2) NOAA, Raster Nautical Charts, 2016 3) VACAPESopArea, Georeferenced - BOEM EA, 2016

*Proposed sampling locations are approximate and subject to change based on geophysical survey results.

**Survey Corridor is 300m wide in the Atlantic Ocean, and 500m wide within 1000m of shore and in Indian River Bay.

Legend

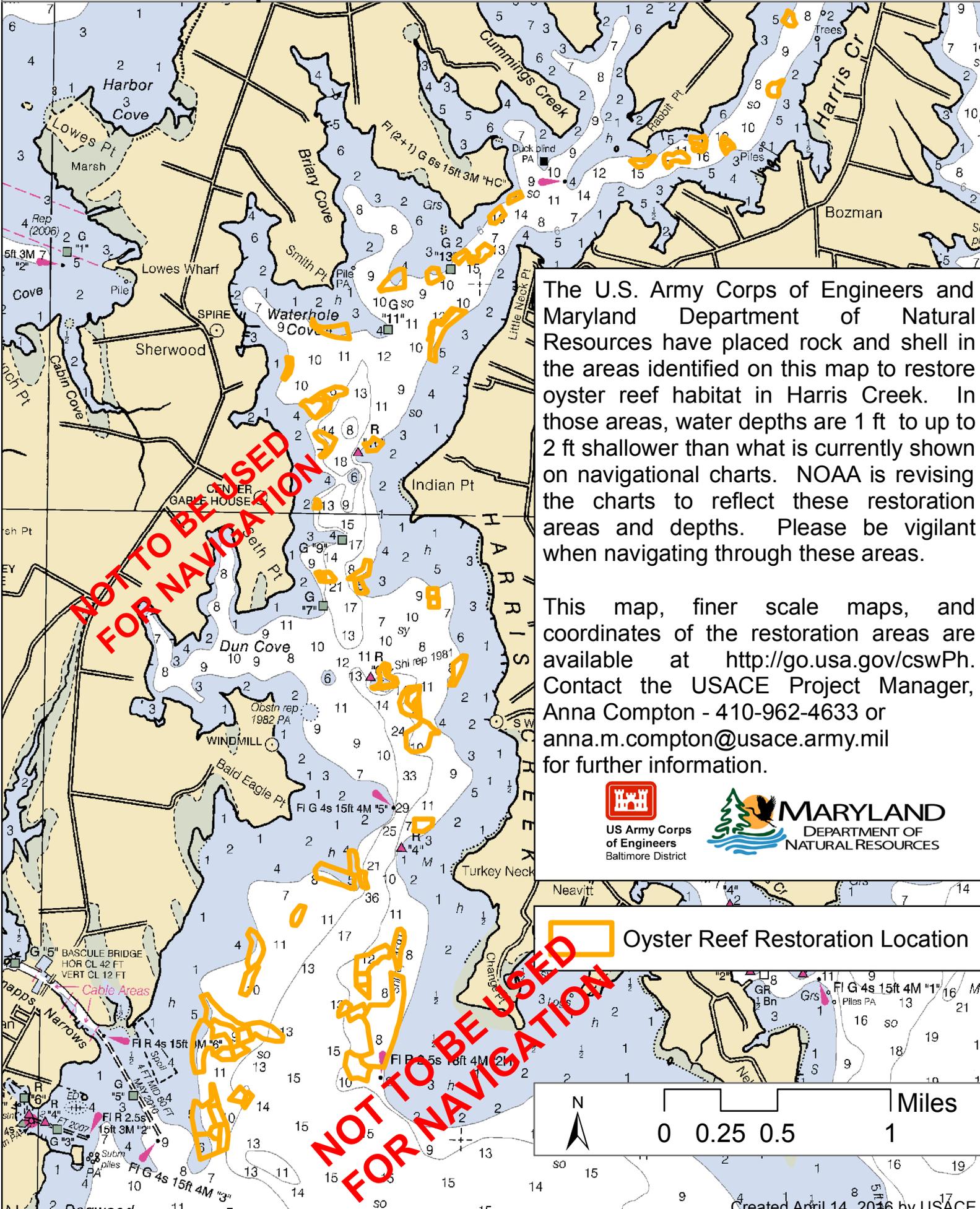
- Benthic Sampling Location*
- Vibracore Sampling Location*
- Cable Route
- Wind Energy Area
- State/Federal Waters Boundary
- State's Seaward Boundaries
- Extension of State Boundary into OCS

Vibracore/Benthic Sampling Locations

Figure 1

Harris Creek Oyster Restoration

Notice: water depths are shallower than currently shown on charts



The U.S. Army Corps of Engineers and Maryland Department of Natural Resources have placed rock and shell in the areas identified on this map to restore oyster reef habitat in Harris Creek. In those areas, water depths are 1 ft to up to 2 ft shallower than what is currently shown on navigational charts. NOAA is revising the charts to reflect these restoration areas and depths. Please be vigilant when navigating through these areas.

This map, finer scale maps, and coordinates of the restoration areas are available at <http://go.usa.gov/cswPh>. Contact the USACE Project Manager, Anna Compton - 410-962-4633 or anna.m.compton@usace.army.mil for further information.



US Army Corps of Engineers
Baltimore District



MARYLAND
DEPARTMENT OF
NATURAL RESOURCES

 Oyster Reef Restoration Location



U.S. Navy Exercise in the Vicinity of Fort Monroe

**NOT TO BE USED
FOR NAVIGATION**

