LOCAL NOTICE TO MARINERS

District: 5  Week: 25/19

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 https://www.navcen.uscg.gov/?pageName=lnmDistrict&region=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 and 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
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2018 (50th) Edition.

NAVIGATIONAL INTERNET SITES
2019 Light List/ Weekly Updates.

Bridges Public Notice Website.
https://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

D5 LNM Archived Back Issues
https://www.navcen.uscg.gov/?pageName=lnmDistrict&region=5

Chesapeake Bay NOAA Weather Buoy
www.buoybay.noaa.gov

Tides, Currents, PORTS
http://www.tidesandcurrents.noaa.gov/
Weather
http://www.weather.gov//
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
DBN/Dbn - Daybeacon
DBD/Daybd - Dayboard
DEFA - 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
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LBB - Lighted Bell Buoy
LBD - Lightbeacon
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LHP - Lighted Harmonic Properly
LMP - Light Maintained Properly
MHz - Megahertz
MISS/MSNG - Missing
MRASS - Marine Radio Activated Sound Signal
N - Nine
NC - No Chart
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
ec - eclipse
P through Z
PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
RAd - Radar Reflector
RBNS - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RLL - Range Rear Light
RELIGHTED - Aid Relighted
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 - Shallow
Si - Silent
SIG - Signal
SNL - Sound
TOS-1 - Temporary Sound Signal
TMK - Topmark
TRB - Temporarily Replaced by Buoy
TRA - Temporarily Replaced by Light
USACE - United States 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.

**** NEW OR UPDATED INFORMATION IN THE LOCAL NOTICE TO MARINERS ****

In an effort to bring attention to new, updated or very important information in the Local Notice to Mariner (LNM), this information will be preceded and followed by four asterisks.

LNM: 25/16

****NON-COMPLIANT AIS DEVICES****

Federal Communications Commission issues Enforcement Advisory on non-compliant AIS devices. Automatic Identification System (AIS) is designed to mitigate collisions and enhance situational awareness by exchanging real-time vessel navigation information autonomously and continuously. AIS is required to be properly installed, maintained, and used – but foremost, users should ensure they are buying a true AIS and not a knock-off sold on the internet. AIS equipment that is noncompliant and uncertified to adopted International Standards can confuse, degrade or even disrupt other users’ systems; and is illegal to be marketed, sold or used in the...
U.S.
On November 28, 2018, the Federal Communication Commission (FCC) issued an enforcement advisory
https://docs.fcc.gov/public/attachments/da-18-1211a1.pdf reiterating this to sellers, advertisers, and operators of noncertified automatic
identification systems devices like those used for fish net buoys. Violators may be subject to FCC penalties, including but not limited to,
substantial monetary fines of up to $19,639 per day for marketing violations and up to $147,290 for an ongoing violation.
Given the potential harm these devices may have on navigation safety and the coast guard’s interest in all AIS devices being operated and
maintained in proper order, the coast guard will assist the FCC in enforcement.
U.S. Coast Guard type-approved devices are labeled as such and numbered, either as USCG 165.155.xxxx or 165.156.xxxx. Similarly, they will
also be labeled with a FCC type-certification number. A listing of these devices can also be found on their respective authorized equipment web
For more information on AIS, how to properly install and operate it, and the nation’s AIS network, visit the Coast Guard Navigation Center
(NAVcen) website at www.uscg.navcen.gov.

**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:
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:
https://www.navcen.uscg.gov/?fontName=lnmDistrict&region=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.

**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 upon 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 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
cautions 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.

**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.

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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

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER 1.7

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 and DGPS. 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 (https://www.navcen.uscg.gov/gps/status/default.htm). In addition, the NIS investigates all reports of degradation or loss of GPS and DGPS 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 https://www.navcen.uscg.gov.

BROADCAST NOTICES TO MARINERS

Broadcast Notices to Mariners (BNMs) that are still in effect at the date of this publication.
Sector Delaware Bay (DB) - 136, 140, 142, 143, 144, 145, 146, 147, 148-19.
Sector Maryland (MD) - 080, 169, 170, 171, 173, 175, 177, 180, 181, 182, 183, 184, 185, 186, 188-19.
Sector Hampton Roads (HR) - 155 thru 176-19.

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.
<table>
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<th>LNR</th>
<th>Aid Name</th>
<th>Status</th>
<th>Chart No.</th>
<th>BNM Ref.</th>
<th>LNM St</th>
<th>LNM End</th>
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**Coast Guard District**

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**Coast Guard District**

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Coast Guard District 5

18 June 2019
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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.

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<td>Old Topsail Creek Buoy 17</td>
<td>DISCONTINUED</td>
<td>11541</td>
<td>497D5</td>
<td>44/18</td>
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<td>30140.25</td>
<td>Old Topsail Creek Buoy 12A</td>
<td>DISCONTINUED</td>
<td>11541</td>
<td>497D5</td>
<td>44/18</td>
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<tr>
<td>30175</td>
<td>Masonboro Inlet Lighted Buoy 6</td>
<td>DISCONTINUED FOR DREDGING</td>
<td>11541</td>
<td>081D5</td>
<td>08/18</td>
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<tr>
<td>30180</td>
<td>Masonboro Inlet Buoy 7</td>
<td>RELOCATED FOR DREDGING</td>
<td>11541</td>
<td>081D5</td>
<td>08/18</td>
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<tr>
<td>38820</td>
<td>Peletier Creek Entrance Channel Daybeacon 1</td>
<td>Other</td>
<td>11541</td>
<td>556D5</td>
<td>51/18</td>
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<td>38825</td>
<td>Peletier Creek Entrance Channel Buoy 2</td>
<td>DISCONTINUED</td>
<td>11541</td>
<td>556D5</td>
<td>51/18</td>
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<tr>
<td>38830</td>
<td>Peletier Creek Entrance Channel Daybeacon 3</td>
<td>DISCONTINUED</td>
<td>11541</td>
<td>556D5</td>
<td>51/18</td>
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<tr>
<td>38833</td>
<td>Peletier Creek Entrance Channel Buoy 4</td>
<td>DISCONTINUED</td>
<td>11541</td>
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<td>38835</td>
<td>Peletier Creek Entrance Channel Daybeacon 5</td>
<td>Other</td>
<td>11541</td>
<td>556D5</td>
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<tr>
<td>39601</td>
<td>New River - Cape Fear River Buoy 122A</td>
<td>RELOCATED DUE TO SHOALING</td>
<td>11541</td>
<td>153D5</td>
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<tr>
<td>39630</td>
<td>New River - Cape Fear River Buoy 129</td>
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<td>Hoskins Creek Range Rear Light</td>
<td>ESTABLISHED</td>
<td>12237</td>
<td>NONED5</td>
<td>25/18</td>
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<td>Teaches Hole Channel Lighted Buoy 20</td>
<td>DISCONTINUED</td>
<td>11550</td>
<td>173D5</td>
<td>14/15</td>
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**Temporary Changes Corrected**

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**Platform Temporary Changes**

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<th>BNM Ref.</th>
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**Platform Temporary Changes Corrected**

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</tbody>
</table>

Page 15 of 34
Coast Guard District 5

LNM: 25/19
18 June 2019
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.

<table>
<thead>
<tr>
<th>Chart Number</th>
<th>Edition</th>
<th>Last Local Notice to Mariners</th>
<th>Horizontal Datum Reference</th>
<th>Source of Correction</th>
<th>Current Local Notice to Mariners</th>
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</thead>
<tbody>
<tr>
<td>12327</td>
<td>91st Ed.</td>
<td>19-APR-97</td>
<td>NAD 83</td>
<td>CGD01</td>
<td>27/97</td>
</tr>
<tr>
<td>Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER</td>
<td>Main Panel 2245 NEW YORK HARBOR</td>
<td></td>
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</table>

(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: 17/19 NAD 83 25/19
Chart Title: Intracoastal Waterway Myrtle Grove Sound and Cape Fear River to Casino Creek

CHART NC-SC-ICWW-MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK. Page/Side: N/A

DELETE Sunny Point Terminal South Entrance Lighted Buoy 1S

CHANGE Sunny Point Terminal South Entrance Lighted Buoy 2
Change to Sunny Point Terminal South Entrance Junction Buoy SP, Green can, Green/Red/Green hull, FL G (2+1) 6s.

11537 40th Ed. 01-FEB-15 Last LNM: 44/17 NAD 83 25/19
Chart Title: Cape Fear River Cape Fear to Wilmington

CHART NC-Cape Fear River: Cape Fear River to Wilmington. Page/Side: N/A

DELETE Sunny Point Terminal South Entrance Lighted Buoy 1S

CHANGE Sunny Point Terminal South Entrance Lighted Buoy 2
Change to Sunny Point Terminal South Entrance Junction Buoy SP, Green/Red/Green hull, FL G (2+1) 6s.

11541 42nd Ed. 01-FEB-19 Last LNM: 22/19 NAD 83 25/19
Chart Title: Intracoastal Waterway Neuse River to Myrtle Grove Sound

CHART NC-AIWW - NEUSE RIVER TO MYRTLE GROVE SOUND. Page/Side: N/A

RELOCATE Bogue Inlet Buoy 7

from 34-38-52.870N to 34-38-57.009N 077-06-30.974W 077-06-31.948W

11555 43rd Ed. 01-SEP-18 Last LNM: 18/19 NAD 83 25/19
Chart Title: Cape Hatteras-Wimble Shoals to Ocracoke Inlet

Main Panel 525 CAPE HATTERAS WIMBLE SHOALS TO OCRACOKE INLET -. Page/Side: -

RELOCATE Hatteras Inlet Channel Light 19


CGD05

RELOCATE Rollinson Channel Light 33


CGD05

CGD05
**ChartTitle:** Currituck Beach Light to Wimble Shoals  
Main Panel 527 CURRITUCK BEACH LT TO WIMBLE SHOALS.  
Page/Side: -  
RELOCATE Oregon Inlet Channel Light 37  
CGD05 from 35-45-50.592N to 35-45-50.296N  

**ChartTitle:** Cape Henry to Pamlico Sound, Including Albemarle Sd.; Rudee Heights  
**Chart:** VA-NC- CAPE HENRY TO PAMLICO SOUND (including ALBEMARLE SOUND).  
Page/Side: N/A  
RELOCATE Oregon Inlet Channel Light 37  
CGD05 from 35-45-50.592N to 35-45-50.296N  

**ChartTitle:** Chincoteague Inlet to Great Machipongo Inlet; Chincoteague Inlet  
**Chart:** VA-CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET.  
Page/Side: N/A  
DELETE Metompkin Light 11  
CGD05 37-41-02.493N 075-36-16.980W

**ChartTitle:** Chesapeake Bay Wolf Trap to Smith Point  
Main Panel 563 CHESAPEAKE BAY WOLF TRAP TO SMITH POINT.  
Page/Side: A  
RELOCATE Hunting Creek Buoy 5  
Replaced Hunting Creek Daybeacon 5 in new position, with red nun.  
CGD05 from 37-48-27.687N to 37-48-27.667N  
075-43-51.134W 075-43-51.135W

RELOCATE Hunting Creek Buoy 6  
Replaced Hunting Creek Daybeacon 6 in new position, with red nun.  
CGD05 from 37-48-16.062N to 37-48-16.043N  
075-43-42.486W 075-43-42.474W

CHANGE Hunting Creek Buoy 7  
Replaced Hunting Creek Daybeacon 7, with green can.  
CGD05 at 37-47-48.187N 075-43-05.543W

**ChartTitle:** Chesapeake Bay Pocomoke and Tangier Sounds  
Main Panel 566 CHESAPEAKE BAY POCOMOKE AND TANGIER SOUNDS.  
Page/Side: -  
DELETE Onancock Creek - South Branch Buoy 1  
CGD05 37-42-30.469N 075-45-28.748W  
CGD05 37-42-30.469N 075-45-28.748W

RELOCATE Hunting Creek Buoy 5  
Replaced Hunting Creek Daybeacon 5 in new position, with red nun.  
CGD05 from 37-48-27.687N to 37-48-27.667N  
075-43-51.134W 075-43-51.135W

RELOCATE Hunting Creek Buoy 6  
Replaced Hunting Creek Daybeacon 6 in new position, with red nun.  
CGD05 from 37-48-16.062N to 37-48-16.043N  
075-43-42.486W 075-43-42.474W

CHANGE Hunting Creek Buoy 7  
Replaced Hunting Creek Daybeacon 7, with green can.  
CGD05 at 37-47-48.187N 075-43-05.543W

**ChartTitle:** James River Newport News to Jamestown Island; Back River and College Creek  
Main Panel 585 JAMES RIVER NEWPORT NEWS TO JAMESTOWN ISLAND.  
Page/Side: -  
DELETE Tabulation - JAMES RIVER CHANNEL DEPTHS; Tabulation - JAMES RIVER CHANNEL DEPTHS  
(NOS NW-30631)  
37-02-10.000N 076-42-00.000W

ADD Project Depths Note; PROJECT DEPTHS Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro.  
(NOS NW-30631)  
37-02-10.000N 076-40-57.000W

ADD Tabulation - JAMES RIVER PROJECT DEPTHS  
Tabulation - JAMES RIVER PROJECT DEPTHS  
(NOS NW-30631)  
37-02-10.000N 076-42-44.000W
Main Panel 589 JAMES RIVER JAMESTOWN ISLAND TO JORDAN POINT. Page/Side: N/A

DELETE Tabulation - JAMES RIVER CHANNEL DEPTHS; Tabulation - JAMES RIVER CHANNEL DEPTHS (NOS NW-30631) NOS 37-23-00.000N 077-07-30.000W
ADD Project Depths Note; PROJECT DEPTHS Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro. (NOS NW-30631)
ADD Tabulation - JAMES RIVER PROJECT DEPTHS http://ocsdata.ncd.noaa.gov/ntmSupportImage.aspx?ItemID=290292; Tabulation - JAMES RIVER PROJECT DEPTHS (NOS NW-30631) NOS 37-23-00.000N 077-08-18.000W

Main Panel 590 JAMES RIVER JORDAN POINT TO RICHMOND. Page/Side: N/A

DELETE Tabulation - JAMES RIVER CHANNEL DEPTHS; Tabulation - JAMES RIVER CHANNEL DEPTHS (NOS NW-30631) NOS 37-20-38.000N 077-17-34.000W
ADD Project Depths Note; PROJECT DEPTHS Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro. (NOS NW-30631)
ADD Tabulation - JAMES RIVER PROJECT DEPTHS http://ocsdata.ncd.noaa.gov/ntmSupportImage.aspx?ItemID=290287; Tabulation - JAMES RIVER PROJECT DEPTHS (NOS NW-30631) NOS 37-20-38.000N 077-17-34.000W

Main Panel 604 CHESAPEAKE BAY PATUXENT RIVER AND VICINITY -. Page/Side: -

NEW EDITION Scale 1: 40,000; New Edition (34 ed, 06/01/19) due to numerous Notice to Mariner changes, hydrographic changes This NOAA chart is now available in both the Print-on Demand and digital raster formats. See http://www.charts.noaa.gov/MCD/Dole.shtml for details.

Main Panel 641 CHESAPEAKE BAY SEVERN AND MAGOTHY RIVERS. Page/Side: A

CHANGE Mathews Point Buoy 2
Add Priv to chart.

Main Panel 661 POTOMAC RIVER PINEY POINT TO LOWER CEDAR POINT -. Page/Side: -

DELETE Swan Point NSWC Dahlgren Lighted Data Buoy A

Chart: James River Jamestown Island to Jordan Point

Chart: James River Jordan Point to Richmond

Chart: Chesapeake Bay Patuxent River and Vicinity

Chart: Chesapeake Bay Severn and Magothy Rivers

Chart: Potomac River; District of Columbia

Chart: Potomac River Piney Point to Lower Cedar Point
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

<table>
<thead>
<tr>
<th>Approved Project(s)</th>
<th>Project Date</th>
<th>Ref. LNM</th>
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<tr>
<th>Advance Notice(s)</th>
<th>Project Date</th>
<th>Ref. LNM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong><strong>NJ – SEACOAST – FIRE ISLAND TO SEA GIRT - DISCONTINUANCE OF AID TO NAVIGATION</strong></strong></td>
<td>On or about the third week of July, the Coast Guard will discontinue Shark River Inlet Lighted Whistle Buoy SI (LLNR 7). Charts: 12300 12301 12323 12326 13003 13006</td>
<td>LNM: 20/19</td>
</tr>
<tr>
<td><strong><strong>NJ – SEACOAST – SEA GIRT TO LITTLE EGG INLET - DISCONTINUANCE OF AID TO NAVIGATION</strong></strong></td>
<td>On or about the third week of July, the Coast Guard will discontinue Barnegat Lighted Buoy B (LLNR 10). Charts: 12300 12301 12323 12326 13003 13006</td>
<td>LNM: 20/19</td>
</tr>
<tr>
<td><strong><strong>NJ - LITTLE EGG INLET TO HEREFORD INLET - GREAT EGG HARBOR INLET – AID TO NAVIGATION CHANGE</strong></strong></td>
<td>On or about the third week of July, the Coast Guard will discontinue Great Egg Harbor Inlet Outer Lighted Whistle Buoy GE (LLNR 70), then increase the buoy size of Great Egg Harbor Inlet Lighted Buoy 1 (LLNR 1270) and Great Egg Harbor Inlet Lighted Buoy 2 (LLNR 1275). Mariners will see an increase in daytime visibility of buoys and a nominal range of light to 6NM. Charts: 12316 12318</td>
<td>LNM: 20/19</td>
</tr>
</tbody>
</table>

h. Assateague Channel Buoy H, 37-54-56.280N 075-22-48.000W

i. Assateague Channel Buoy I, 37-54-54.780N 075-22-48.350W


To assist with egress and ingress of safety zone enforcement vessels, six additional white buoys will be established in the following approximate positions:

North Side: South Side

<table>
<thead>
<tr>
<th>Position</th>
<th>North Side</th>
<th>South Side</th>
</tr>
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<tbody>
<tr>
<td>a.</td>
<td>37-54.99N 075-22.75W</td>
<td>37-54.86N 075-23.03W</td>
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<tr>
<td>b.</td>
<td>37-54.97N 075-22.74W</td>
<td>37-54.85N 075-23.02W</td>
</tr>
<tr>
<td>c.</td>
<td>37-54.96N 075-22.80W</td>
<td>37-54.84N 075-23.02W</td>
</tr>
</tbody>
</table>

The Coast Guard will convert Beaufort Harbor Channel Lighted Buoy 3 (34815) to Beaufort Harbor Channel Light 3 (34815), the first week in July. It will have the following characteristics: Fl G 2.5s 15ft 4M.

The Coast Guard will discontinue the following 23 aids due to shoaling the first week in July.

30035 New Topsail Inlet Buoy 10
30037 New Topsail Inlet Buoy 11
30040 New Topsail Inlet Buoy 12
30047 New Topsail Inlet Buoy 14
30048.02 Banks Slough Channel Buoy 3
30048.04 Banks Slough Channel Buoy 4
30048.08 Banks Slough Channel Buoy 7
30140.02 Old Topsail Creek Buoy 2
30140.04 Old Topsail Creek Buoy 4
30140.05 Old Topsail Creek Buoy 5
30140.06 Old Topsail Creek Buoy 6
30140.07 Old Topsail Creek Buoy 6A
30140.08 Old Topsail Creek Buoy 7
30140.09 Old Topsail Creek Buoy 8
30140.10 Old Topsail Creek Buoy 10
30140.11 Old Topsail Creek Buoy 11
30140.12 Old Topsail Creek Buoy 12
30140.25 Old Topsail Creek Buoy 12A
30140.13 Old Topsail Creek Buoy 13
30140.14 Old Topsail Creek Buoy 14
30140.15 Old Topsail Creek Buoy 15
30140.16 Old Topsail Creek Buoy 16
30140.17 Old Topsail Creek Buoy 17

During the second week of July, the Coast Guard will discontinue Lockwoods Folly Inlet Buoy 10 (LLNR 31045) and Lockwoods Folly Inlet Buoy 12 (LLNR 31047).

**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: https://www.navcen.uscg.gov/pdf/lmns/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

****MD – CHESAPEAKE BAY – EASTERN BAY – CRAB ALLY BAY – PROPOSAL TO CHANGE AID TO NAVIGATION****
The Coast Guard is proposing changing Crab Alley Bay Buoy 1 (LLNR 26280) to Crab Alley Bay Daybeacon 1C (LLNR 26280) with SG dayboards. 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 https://www.navcen.uscg.gov/pdf/lmns/D05 LNM 2015 Special Notice_Waterway_Proposal Feedback Form.pdf All comments will be carefully considered and are requested prior to August 12 2019 to be considered in the analysis. Please reference project 05-19-051(D).
Send comments to CGD5Waterways@uscg.mil or mailed to:
U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes
Chart 12270

LNM: 25/19

****MD – CHESAPEAKE BAY – MIDDLE RIVER - PROPOSAL TO CHANGE AIDS TO NAVIGATION****
The Coast Guard is proposing the following changes to the approach to Middle River:
- Discontinue Middle River Approach Lighted Buoy 3 (LLNR 27115).
- Relocate Middle River Approach Lighted Buoy 1 (LLNR 27110) to approximate position: 39 16 21.640N, 76 20 10.710W. This position is approximately halfway between Pooles Island Flats Channel Lighted Buoy 5 (LLNR 8660) and Middle River Light 5 (LLNR 27117). 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 https://www.navcen.uscg.gov/pdf/lmns/D05 LNM 2015 Special Notice_Waterway_Proposal Feedback Form.pdf All comments will be carefully considered and are requested prior to July 22, 2019 to be considered in the analysis. Please reference project 05-19-045(D).
Send comments to CGD5Waterways@uscg.mil or mailed to:
U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes
Charts: 12274 12278

LNM: 22/19

****MD – CHESAPEAKE BAY – GUNPOWDER RIVER – PROPOSAL TO CHANGE AIDS TO NAVIGATION****
The Coast Guard is proposing the following changes to the aids to navigation in the Gunpowder River:
- Lighted Buoy 2G (LLNR 27175) change the authorized hull, reducing the daytime visual range to 1.2nm and radar range to 0.5nm and maintained from “March 15 to December 1”.
- Lighted Buoy 4 (LLNR 27185) change the authorized hull, reducing the daytime visual range to 1.2nm and radar range to 0.5nm and maintained from “March 15 to December 1”.
- Lighted Buoy 6 (LLNR 27195) change the authorized hull, reducing the daytime visual range to 1.2nm and radar range to 0.5nm and maintained from “March 15 to December 1”.
- Lighted Buoy 7 (LLNR 27185) change the authorized hull, reducing the daytime visual range to 1.2nm and radar range to 0.5nm and maintained from “March 15 to December 1”.
- Remove wreckage and convert Wreck Light WR9 (LLNR 27205) to Lighted Buoy 9 with a flash 4 second green flashing light and maintained from “March 15 to December 1”.
- Convert Light 10 (LL 27215) to Lighted Buoy 10 and maintained from “March 15 to December 1”.
- Discontinue Light 13 (LLNR 27220).
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 https://www.navcen.uscg.gov/pdf/lmns/D05 LNM 2015 Special Notice_Waterway_Proposal Feedback Form.pdf All comments will be carefully considered and are requested prior to July 8, 2019 to be considered in the analysis. Please reference project 05-19-040(D).
Send comments to CGD5Waterways@uscg.mil or mailed to:
The Coast Guard is proposing making the following changes to Worton Creek Lighted Buoy 2 (LLNR 27390): Change the authorized hull, reducing the daytime visual range to 1.2nm and radar range to 0.5nm and the buoy will only be “Maintained from March 15 to December 1”. 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 Sth Coast Guard District Special Notice Waterway Feedback Form.

All comments will be carefully considered and are requested prior to May 13, 2019 to be considered in the analysis. Please reference project 05-19-032(D).

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

The Coast Guard is proposing installing a LED optic on York Spit Light (LL 13455). The new optics nominal range will be reduced from 8nm to 7nm. 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: https://www.navcen.uscg.gov/pdf/lnms/D05 LNM 2015 Special notice_Waterway_Proposal Feedback Form.pdf All comments will be carefully considered and are requested prior to July 29, 2019 to be considered in the analysis. Refer to project number 05-19-046(D)

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

Upon completion of dredging by the Norfolk District, Army Corp of Engineers of Long Creek, Broad Bay and Linkhorn Bay the Coast Guard and project partners, Army Corp of Engineers and the City of Virginia Beach, are proposing the following changes:

Establish Long Creek Light 1LC in approximate position: 36 54 22.570N-76 05 27.590W with a quick; (Q), flashing green light and SG dayboards.

Discontinue Long Creek Channel Daybeacon 2 (LLNR 10160).

Convert Long Creek Channel Warning Daybeacon A (LLNR 10165) to Long Creek Light 2 in approximate position: 36 54 15.702N-76 05 21.876W with a flashing 2.5 second red light and TR dayboards.

Discontinue Long Creek Channel Warning Daybeacon B (LLNR 10166).

Discontinue Long Creek Channel Daybeacon 7 (LLNR 10167).

Rebuild Long Creek Channel Daybeacon 8 (LLNR 10168) in approximate position: 36 54 14.502N-76 05 11.940W and rename to Long Creek Daybeacon 4.

Convert Long Creek Channel Daybeacon 10 (LLNR 10170) to Long Creek Light 6 in approximate position: 36 54 16.014N-76 05 05.322W with a flashing 4 second light and TR dayboards.

Rebuild Long Creek Channel Daybeacon 11 (LLNR 10175) in approximate position: 36 54 15.657N-76 04 57.121W and rename to Long Creek Daybeacon 7.

Rename Long Creek Channel Daybeacon 12 (LLNR 10180) to Long Creek Daybeacon 8.

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: https://www.navcen.uscg.gov/pdf/lnms/D05 LNM 2015 Special Notice_Waterway_Proposal Feedback Form.pdf All comments will be carefully considered and are requested prior to July 22, 2019 to be considered in the analysis. Please reference project 05-19-001(D).

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

Charts: 12274 12278

Charts: 12210 12211

Charts: 12221 12238 12280

Charts: 12285 12286
****VA – VIRGINIA BEACH – BROAD AND LINKHORN BAYS - PROPOSAL TO CHANGE AIDS TO NAVIGATION****

Convert Broad Bay Channel Daybeacon 13 (LLNR 10395) to Broad Bay Buoy 9 in approximate position: 36 54 07.730N-76 03 34.410W, Green can.

Convert Broad Creek Channel Light 14 (LLNR 10400) to Broad Bay Lighted Buoy 10 in approximate position: 36 54 06.000N-76 03 11.360W with a flash 2.5 second red light, Red.

Discontinue Broad Bay Channel Light 16 (LLNR 10405).

Establish Broad Bay Lighted Buoy 12 in approximate position: 36 54 00.000N-76 02 18.180W with a flashing 2.5 second red light, Red.

Discontinue Broad Bay Channel Daybeacon 17 (LLNR 10410).

Convert Broad Bay Channel Light 17A (LLNR 10415) to Broad Bay Lighted Buoy 13 in approximate position: 36 53 37.860N-76 01 25.704W with a flashing 2.5 second green light, Green.

Convert Broad Bay Channel Daybeacon 18 (LLNR 10420) to Broad Bay Buoy 14 in approximate position: 36 53 37.140N-76 01 26.030W Green can.

Convert Broad Bay Channel Daybeacon 19 (LLNR 10425) to Broad Bay Buoy 15 in approximate position: 36 53 29.350N-76 01 09.650W, Green can.

Convert Broad Bay Channel Daybeacon 20 (LLNR 10430) to Broad Bay Buoy 16 in approximate position: 36 53 28.490N-76 01 10.660W, Red nun.

Convert Linkhorn Bay Daybeacon 20A (LLNR 10435) to Linkhorn Bay Buoy 18 in approximate position: 36 53 17.150N-76 00 58.320W, Red nun.

Convert Linkhorn Bay Light 21 (LLNR 10440) to Linkhorn Bay Lighted Buoy 19 in approximate position: 36 53 17.990N-76 00 57.450W with a flashing 2.5 second green light, Green.

Convert Linkhorn Bay Daybeacon 22 (LLNR 10445) to Linkhorn Bay Buoy 20 in approximate position: 36 53 14.040N-76 00 52.620W, Green can.

Convert Linkhorn Bay Light 23 (LLNR 10450) to Linkhorn Bay Lighted Buoy 21 in approximate position: 35 52 17.640N-76 00 31.950W with a flashing 2.5 second green light, Green.

Convert Linkhorn Bay Daybeacon 24 (LLNR 10455) to Linkhorn Bay Buoy 22 in approximate position: 36 52 09.630N-76 00 53.760W, Red nun.

Convert Linkhorn Bay Daybeacon 26 (LLNR10460) to Linkhorn Bay Buoy 24 in approximate position: 36 51 54.830N-77 00 43.390W, Red nun.

Discontinue Linkhorn Bay Daybeacon 27 (LLNR 10465).

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: https://www.navcen.uscg.gov/pdf/lmns/D05 LNM 2015 Special Notice_Waterway_Proposal Feedback Form.pdf

All comments will be carefully considered and are requested prior to July 22, 2019 to be considered in the analysis. Please reference project 05-19-001(D).

Send comments to CGDSWaterways@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 12286

LNM: 22/19

****VA – THIMBLE SHOAL CHANNEL – PROPOSAL TO DISCONTINUE NORFOLK ENTRANCE REACH RANGE****

The Coast Guard is proposing to discontinue the lighting equipment on Norfolk Entrance Reach Range Front Light (LLNR 9370) and Norfolk Entrance Reach Range Rear Light (LLNR 9375).

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 https://www.navcen.uscg.gov/pdf/lmns/D05 LNM 2015 Special Notice_Waterway_Proposal Feedback Form.pdf

All comments will be carefully considered and are requested prior to July 1, 2019 to be considered in the analysis. Please reference project 05-19-041(D).

Send comments to CGDSWaterways@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: 12221 12222 12245 12256 12280

LNM: 19/19

SECTION VII - GENERAL

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

VA - ATLANTIC OCEAN - WALLOPS ISLAND ROCKET LAUNCHES

Rocket launches are regularly scheduled in the vicinity of Wallops Island, VA, Danger Zone 334.130. Prior to these launches, visual signals will be displayed consisting of either a large orange-colored, "blimp-shaped" balloon by day or a rotating alternately red and white beacon by night. The balloon will be flown from a position at 37-50-38N, 75-28-47W and the beacon will be displayed approximately 200 feet above mean high water in position 37-50-16N, 75-29-07W. While the warning signal is displayed, all persons and vessels in the Danger Zone, except vessels entering or departing Chincoteague Inlet, shall leave the zone promptly by the shortest possible route and remain outside the zone until allowed by a patrol boat to enter or the danger signal has been discontinued. Vessels entering or departing Chincoteague Inlet must take the shortest route possible upon display of the danger signal. The Danger Zone is depicted on navigational charts 12210 and 12211 with corner points starting in the vicinity of Assawoman Inlet and proceeding southerly to position 37-43-20N, 075-29-41W; thence northeasterly to a point in the vicinity of Chincoteague
Coast Guard District

LIVE FIRING****

Live firing is conducted continuously off Joint Expeditionary Base Little Creek 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 contact Range Operations and Training Area, Mr. Assaf or Ms. Lawrence at 757-422-7103/7101.

Charts: 12210 12211

LNM: 04/17

****MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT - CHESAPEAKE CHANNEL – SANDY POINT SHOAL LIGHT****

Due to the deteriorating condition of the Sandy Point Shoal Light structure, which has become a sever health hazard and a hazard to access for maintenance crews, the Coast Guard discontinued the light. The structure is privately owned and maintained, the Coast Guard is continuing to work with the owner concerning maintenance.

Charts: 12263 12270 12273 12278 12280 12282

LNM: 23/19

VA - WILLOUGHBY BAY - THIMBLE SHOAL CHANNEL - PERMANENT MINE WARFARE TRAINING FIELDS

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 capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then eastery 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 - 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 075-31.0W, 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 - 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 yards seaward and bearing 090 degrees true and 150 degrees true, respectively, from a point on shore at 36° 49' 09"N, 075° 58' 45"W. 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 (42nd) Edition when operating south of the entrance to the Chesapeake Bay. Firing will take place only during daylight hours and red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit.

Charts: 12205 12207 12221

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.
**DREDGING AND MARINE CONSTRUCTION CAUTIONS**

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.

NOAA ELECTRONIC NAVIGATIONAL CHART (ENC) FOR NAVIGATION IN U.S. WATERS

NOAA recommends that mariners take advantage of the most recent chart updates by using the NOAA Electronic Navigational Chart (ENC) for navigation in U.S. waters. ENCs provide the most up to date information, whereas paper and raster nautical chart updates may be up to one month behind the corresponding ENC coverage. Over the next few years, mariners will see continued improvement in the extent and detail of ENC coverage, while there will be a reduction in RNC and paper chart coverage and service. ENCs will include routine changes between editions that are not published through notices to mariners. One significant change to the RNC and paper charts will be the removal of controlling (minimum) depth information from many maintained channels. Controlling channel depths will still be provided on ENCs.

Comments or concerns can be addressed through ASSIST, NOAA’s Nautical Inquiry and Comment System. https://www.nauticalcharts.noaa.gov/customer-service/assist/

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**NJ – SHARK RIVER - ROUTE 71 - MAIN STREET BRIDGE****

An engineering firm of behalf of the New Jersey Department of Transportation will be performing an inspection at the Route 71 (Main Street) Bridge, across Shark River, at mile 0.8, between the boroughs of Avon-By-The-Sea and Belmar, NJ. The inspection will be conducted between Tuesday, June 25, 2019, and Saturday, June 29, 2019; Tues-Sat; from 8 a.m. to 4:30 p.m. The bridge inspection will require a pontoon boat with scaffolding to work in and around the navigable channel. Inspection personnel and vessel can relocate with 15 minutes notice. The vessel will be monitoring VHF channel 16, and the project superintendent can be reached at (609) 647-0630. Mariners should use caution when transiting the area.

Chart 12324

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**NJ – UPPER BARNEGAT BAY – KETTLE CREEK – BARGE MOORING AREA****

H&L Contracting will be establishing barge mooring areas in Upper Barnegat Bay in conjunction with dredging operations. These mooring areas will be active from 15 Jun to 31 Dec 2019. These areas are: 1) 40°00’56”n 074°04’54”w; 2) 40°03’04”n 074°05’41”w; 3) 40°01’17”n 074°06’41”w. Tugboats will be engaged in towing operations in and in the vicinity of those areas 24 hrs/day 7 days/week. All vessels will be marked and lighted in accordance with uscg regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13.

Chart 12324

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**NJ – UPPER BARNEGAT BAY – KETTLE CREEK – DREDGING****

H&L Contracting will be conducting dredging operations in Upper Barnegat Bay at Kettle Creek-Sailors Quay Channel; Green Cove Channel; Bay Head Channel; Beaver Dam Creek; And The Metedeconk River Channel from 7 July thru 31 Dec 2019. Work hours are 24 hours a day, 7 days a week. Dredging will be performed by barge-mounted excavator loading scow barges. There will be one dredging excavator barge and multiple scows and push boats on scene. Channels will remain open during dredging but channel width will be reduced. All mariners are advised to reduce speed to minimum for making way while in the vicinity of dredging operations. Dredged material scows will be towed to a placement site near Bayside Park/Swamp Cove at 40°00’32”n, 74°03’42”w where there will be a floating turbidity curtain surrounding the site. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16.

Chart 12324

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**NJ – ATLANTIC CITY – OFF SHORE – SURVEY ACTIVITIES****

Ocean Wind Survey Vessel OCEAN RESEARCHER is conducting surveys in this area for the next several months. All Mariners transiting or fishing in the survey area are requested to give a wide berth to survey vessels, as they may be limited in their ability to maneuver (VRAM) and towing gear out to 300 meters behind the vessel. For additional information or questions, contact John Okeeffe at 857-332-4405.

Chart 12318

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**PA – NJ – PHILADELPHIA AND CAMDEN WATERFRONT – SCHUYLLKILL RIVER – BRIDGE WORK****

A construction firm, on behalf of the City of Philadelphia, will be modifying the existing Grays Ferry Railroad Bridge, over Schuylkill River, mile 5.5, at Philadelphia, PA. Modification activities which began June, 2018, are expected to finish on May 1, 2020. Work will be performed from 6 a.m. to 5 p.m.; M-F. During this bridge modification project, one navigation span will be occupied; the other navigation span will be open for vessels to transit. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. The new bridge will have a vertical clearance of 26 feet above mean high water in the closed-to-navigation position, an unlimited vertical clearance in the open position, a horizontal clearance of 75 feet in the western navigation span, and 65 feet in the eastern navigation span. Detailed project information and information concerning the waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Crane barges, material barges, and support vessels will be operating or stationed in the vicinity of the existing bridge. A.P. Construction Inc.’s vessels are monitoring VHF-FM channels 13 and 16 when working or vessels are operating. The City of Philadelphia construction manager may be contacted at 215-275-8066 and A.P. Construction, Inc.’s project foreman may be contacted at 215-651-6278 or 215-783-2262. Mariners should use extreme caution when transiting the area.

Chart 12313

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**PA – NJ – DELAWARE RIVER - INTERSTATE 276/DELAWARE RIVER TURNPIKE BRIDGE****

An engineering firm, on behalf of the New Jersey Turnpike Authority, will continue to perform maintenance on the Interstate 276/Delaware River Turnpike Bridge, across the Delaware River, mile 121.2, in Bristol Township, PA and Burlington Township, NJ. All work on the bridge superstructure...
*****PA – NJ – DELAWARE RIVER - INTERSTATE 276/DELAWARE RIVER TURNPIKE BRIDGE*****
will continue to be performed from 7 a.m. to 7 p.m.; M-F; and from 6 a.m. to 6 p.m. on the weekends. The repainting and miscellaneous improvements ongoing since mid-November, 2015, will be extended through July 31, 2019. The project foreman can be contacted at 267-767-2550. Mariners should use caution when navigating through the area.

Chart 12314

LNM: 23/19

*****PA – NJ – DELAWARE RIVER – PHILADELPHIA TO TRENTON - SR 413 - BURLINGTON-BRISTOL BRIDGE – CLOSED TO NAVIGATION*****
The SR 413 (Burlington-Bristol) bridge, over Delaware River, mile 117.8, between Burlington, NJ and Bristol, PA, will be maintained in the closed-to-navigation position to facilitate bridge maintenance of the bridge lift span. The bridge will be maintained in the closed position 24 hours a day; 7 days a week; from 6 a.m. on June 19, 2019, through 7:59 a.m. on September 17, 2019. During bridge maintenance, work platforms will occupy the bridge span reducing the vertical clearance to approximately 58 feet above mean high water in the closed position and approximately 132 feet above mean high water in the open position. The bridge will open on signal, if two hours prior notification is given. The bridge will not be able to open for emergencies. At all other times the bridge will operate per 33 CFR 117.716 (a). Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. The bridge tender may be reached using VHF-FM channels 13/16. The project foreman may be reached at (267) 767-2550. Mariners should adjust their transits accordingly and should use caution when transiting the area.

Chart 12314

LNM: 25/19

*****DE – CHESAPEAKE BAY – NANTICOKE RIVER – SR 13 BRIDGE*****
The Delaware Department of Transportation, who owns and operates the SR 13 Bridge across Nanticoke River, mile 39.6, at Seaford, DE, has requested a temporary deviation from the current operating regulation to facilitate bridge repair and maintenance. Under this temporary deviation, the bridge will be maintained in the closed-to-navigation position, to facilitate bridge repair and maintenance. This deviation allows the bridge to be maintained in the closed-to-navigation position 24 hours a day; 7 days a week; from 6 a.m. on June 19, 2019, through 7:59 a.m. on July 13, 2019, and from 6 a.m. on July 15, 2019, through 5:59 a.m. on August 26, 2019. Maintenance will be performed, Monday through Friday; from 6 a.m. on June 17, 2019, through 5:59 a.m. on July 13, 2019, and from 6 a.m. on July 15, 2019, through 5:59 a.m. on August 26, 2019. The bridge is a bascule bridge with a vertical clearance in the closed-to-navigation position of 3 feet above mean high water. However, the bridge will have a containment system under the bridge reducing the vertical clearance to 1 foot above mean high water for the entirety of the project. The bridge will not be able to open in case of an emergency and there is no alternate route for vessels to pass. Mariner's should use extreme caution when transiting the area.

Chart 12261

LNM: 25/19

*****MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – OCEAN CITY INLET - US 50 - HARRY W. KELLEY MEMORIAL BRIDGE – CLOSED TO NAVIGATION*****
The US 50 (Harry W. Kelley Memorial) Bridge, over Isle of Wight (Sinepuxent) Bay, mile 0.5, in Ocean City, MD will be maintained in the closed-to-navigation position to facilitate the 2019 Ocean City Air Show. The bridge will remain in the closed position from 4 p.m. through 4:55 p.m. on Saturday June 15, 2019 and Sunday June 16, 2019. The bridge will open for an emergency. Vessels able to pass through the bridge in the closed position may do so at any time, and all others should adjust their transits accordingly. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.559. Mariners should use caution when transiting the area.

Chart 12211

LNM: 23/19

*****MD – OCEAN CITY – DREDGING*****
USACE dredge MURDEN will be conducting dredging operations in Ocean City, MD from 27 May to 23 Jun 2019. One load per day will be dredged from the Inlet but the majority of the dredging will occur at the ebb/flood shoal just outside the Inlet. The dredge MURDEN may be contacted on VHF-FM channels 16 and 13.

Chart 12233

LNM: 21/19

*****MD – FENWICK ISLAND TO CHINCOTEAGUE INLET - ISLE OF WIGHT BAY – HAZARD TO NAVIGATION*****
The Coast Guard received a report of a 12-14 inch diameter dredge pipe running through Isle of Wight Bay. It is marked by a danger obstruction buoy in position 3821.474N 07505.701W. Mariners are urged to transit the area with caution. MD-NCR BNM 170-19

Chart 12211

LNM: 24/19

*****MD – UPPER POTOMAC RIVER, NATIONAL HARBOR - SPECIAL LOCAL REGULATION*****
The Coast Guard is establishing special local regulations for certain waters of the Upper Potomac River. This action is necessary to provide for the safety of life on the navigable waters located at National Harbor, MD, during a swim event on the morning of June 23, 2019. This regulation prohibits persons and vessels from entering the regulated area unless authorized by the Captain of the Port Maryland-National Capital Region or the Coast Guard Patrol Commander. This rule is effective from 7 a.m. to 11 a.m. on June 23, 2019. Please see Enclosure 6 for the entire Special Local Regulation.

Chart 12289

LNM: 24/19

*****MD – CHESAPEAKE BAY – POPULAR ISLAND – ONGOING MARINE CONSTRUCTION*****
Marine construction of the new dredge containment Cell Number 11 on Poplar Island is ongoing. Crews will be building sand and stone berms to expand the island and create a new containment cell for future dredge material. Mariners should avoid the area and if necessary contact the work vessels on VHF-FM channels 13 and 16.

Chart 12266

LNM: 19/19

*****MD – CHESAPEAKE BAY – TRED AVON RIVER – HARRIS CREEK - OYSTER REEFS*****
The U.S. Army Corps of Engineers and Maryland Department of Natural Resources have placed rock and shell on the bottom at sites to restore
Oyster Reef Habitat in the Tred Avon River in Talbot County, MD. In those areas, water depths are between 1 ft to 2 ft shallower than what is currently shown on NOAA nautical charts. More information including maps and site coordinates may be obtained from http://www.nab.usace.army.mil/Missions/Environmental/Oyster-Restoration/ or the USACE Project Manager at 410-962-7440. Please also see

Enclosure 5.

Chart 12266
LNM: 42/18

****MD – CHESAPEAKE BAY – TANGIER SOUND – ST. PETERS CREEK – PROPOSED CHANGE TO AIDS TO NAVIGATION****

On June 3, 2019, the Coast Guard changed the aids to navigation marking St. Peters Creek due to significant shoaling. The Coast Guard is proposing marking those changes permanent.

Rename St. Peters Creek Entrance Light 1SP (LL 23435) to Mankin River Channel Light 7.
Convert St. Peters Creek Daybeacon 2 (LL 23440) to St. Peters Creek Warning Daybeacon A with NW dayboards worded “Danger Shoal”, until pile can be removed and discontinued.
Convert St. Peters Creek Daybeacon 3 (LL 23445) to St. Peters Creek Warning Daybeacon B with NW dayboards worded “Danger Shoal”, until pile can be removed and discontinued.
Convert St. Peters Creek Daybeacon 5 (LL 23450) to St. Peters Creek Warning Daybeacon C with NW dayboards worded “Danger Shoal”, until pile can be removed and discontinued.
Convert St. Peters Creek Daybeacon 6 (LL 23455) to St. Peters Creek Warning Daybeacon D with NW dayboards worded “Danger Shoal”, until pile can be removed and discontinued.

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 https://www.navcen.uscg.gov/pdf/lnmes/D05 LNM 2015 Special Notice_Waterway_Proposal Feedback Form.pdf

All comments will be carefully considered and are requested prior to August 5, 2019 to be considered in the analysis. Please reference project 05-19-009(D).

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

Charts: 12230 12231

****MD – CHESAPEAKE BAY – US 50 - WILLIAM PRESTON LANE JR. MEMORIAL BRIDGE – REMOVAL OF NAVIGATION LIGHT****

END DATE UPDATED. An engineering firm will be installing supplemental suspension cables on the west bound lane at the US 50 (William Preston Lane Jr.) Memorial Bridge across Chesapeake Bay, mile 138.1, in Annapolis, MD. To facilitate the work, the top navigation light on the north and sound sides of the west bound suspension bridge at mid span will be temporarily removed from July 17, 2018 to June 1, 2019. Mariners should use caution when transiting the area.

Chart 12270
LNM: 20/19

****MD – BALTIMORE HARBOR – PATAPSCO RIVER (MIDDLE BRANCH) – STUCK IN THE CLOSED POSITION****

The SR-2 (Hanover Street) Bridge, at mile 12.0, across the Middle Branch of the Patapsco River in Baltimore, MD, is having electrical problems and the center and tail locks are frozen in place. Bridge repairs have commenced and will be ongoing until further notice. The bridge is inoperable and cannot open at this time. The bridge has a vertical clearance of 21 feet above Mean High Water in the closed position. Mariners should exercise caution when transiting the area.

Chart 12281
LNM: 07/19

****MD – OFFSHORE - OCEAN CITY – RESEARCH BUOYS AND EQUIPMENT DEPLOYMENT****

The U.S. Naval Research Lab will deploy 3 orange and white hazard buoys and other equipment in the following positions offshore of Ocean City MD. The buoys and equipment will remain on scene from 18 Jun to 10 Aug 2019. The Buoy's will have a flashing amber light. The R/V SHARP, TIKI and dive boat NAVO will be on scene for the deployment and recovery and for maintenance.

38°18'2.10"N, 75°5'4.66"W, Lighted Hazard Buoy
38°17'52"N, 75°3'11"W, No surface profile
38°17'39.77"N, 75°1'51.49"W, Lighted Hazard Buoy
38°18'28"N, 74°58'38"W, No surface profile
38°18'30"N, 74°58'35"W, Lighted Hazard Buoy

Contact Dr. Swann, U.S. Naval Research Lab, Marine Geoscience Division, Stennis Space Center at 228-688-4210 for any questions.

Chart 12211
LNM: 24/19

****VA – MD – DC - POTOMAC RIVER - MATTAWOMAN CREEK TO GEORGETOWN – GEORGETOWN CHANNEL – SECURITY ZONE****

The annual July 4th Celebration in Washington, D.C. is scheduled to occur on July 4, 2018. As described in Title 33 Code of Federal Regulations Section 165.508, a security zone is established upon the waters of the Georgetown Channel, Potomac River, within 75 yards from the eastern shore measured perpendicularly to the shore, between the Long Railroad Bridge (the most eastern bridge of the 5-span, Fourteenth Street Bridge Complex) to the Theodore Roosevelt Memorial Bridge and all waters in between, totally including the waters of the Georgetown Channel Tidal Basin. This security zone will be enforced from 12:01 a.m. to 11:59 p.m. on July 4, 2019. Entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port (COTP) Maryland-National Capital Region. Persons desiring to transit the area of the security zone must first request authorization from the COTP Maryland-National Capital Region or his designated representative. Public vessels and vessels already at berth at the time the security zone is implemented do not have to depart the zone. All vessels underway within the security zone at the time the security zone is implemented are to depart the zone when it is implemented. The COTP Maryland-National Capital Region can

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be contacted at telephone number (410) 576-2693 or marine band radio Channel 16 VHF-FM (156.8 MHz). The Coast Guard vessels enforcing this security zone can be contacted on marine band radio Channel 16 VHF-FM (156.8 MHz). Upon being hailed by a U.S. Coast Guard vessel by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed. If permission is granted, all persons and vessels must comply with the instructions of the COTP Maryland-National Capital Region and proceed at the minimum speed necessary to maintain a safe course while within the zone. The U.S. Coast Guard may be assisted in the patrol and enforcement of the zone by Federal, State, and local agencies. Address any comments or questions to U.S. Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674.

July 2, 2018 and will continue until November 2020. The initial work consists of pinning a pier barge in place with a steel ramp connecting the barge to the shore on the western shoreline south of the bridge and outside of the federal navigation channel. Construction work will generally be conducted Mondays through Saturdays, between 7 a.m. and 7 p.m., though nighttime work is possible. Marine equipment on site includes a crew boat, push boats, and up to 10 barges at various locations along the length of the bridge with work focused on the center span. On or about July 16, 2018, the project will require the temporary relocation of the federal navigation channel, which currently is located under the center span of the bridge (Arch S). The temporary channel will be located under the adjacent span to the east (Arch 4), and will be established until the fall of 2020. Navigation channel lighting at the bridge will be in accordance with Coast Guard requirements. Once the temporary channel is established, work will begin to assemble a large work platform, which will completely obstruct the federal navigation channel. Upstream of this platform, a protection system will be deployed, which will be comprised of a floating pipe boom on the water surface attached to concrete anchors. All elements will be marked and lighted in accordance with USCG requirements. Mariners are urged to use caution when transiting the area, and operate at the minimum speed necessary to maintain safe course near the work site. Interested mariners can contact the vessels BULLDOG II and CAPT. JACK via marine band radio VHF-FM channels 16 and 13 when actively working on the river, or at telephone number 305-304-6853. The Kiewit bridge construction contractor can be contacted at 813-323-4611. 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.

In support of the “By The People” arts and dialogue festival scheduled to occur at Washington, DC during June 15-23, 2019, the deck barge SMITH BROTHERS (30 ft x 90 ft) will be used to display lighted artworks during the event. The barge will be positioned using four-point anchor system (manually deployed and recovered) on the Anacostia and Potomac Rivers, anchoring at Georgetown Waterfront (June 15-18), Capitol Riverfront Yard’s Park (June 18-22), and Anacostia Park (June 22-23). The barge will be marked and lighted in accordance with U.S. Coast Guard regulations. Mariners are urged to use caution when transiting these areas, and can contact the Smith Brothers, Inc. tug THREE SISTERS on marine band radio VHF-FM channels 13 and 16.

The M/V COMMANDER working for Coastal Virginia Offshore Wind Project (CVOW) will be conducting Remote Operated Vehicle (ROV) surveys off the mouth of the Chesapeake Bay out to approximately 28 NM. For more information or questions, contact Anthony Peach at 709-687-1490 or anthony.peach@fugro.com.

The U.S. Coast Guard in the Potomac River, Maryland, Virginia, indicates that the area in the Atlantic Ocean within the existing Danger Zone off Wallops Island and Chincoteague Inlet (depicted as 334.130) as shown on National Ocean Service Chart 12210, will be hazardous to navigation because of a rocket launch during the periods and times below. During the launch window, contact Wallops Point via Marine Band (VHF) 12 and 22, or land line 757-824-1685.

The Smith Brothers Inc. tug THREE SISTERS will operate at the mouth of the Chesapeake Bay to survey for shallow water hazards. The barge will be marked and lighted in accordance with U.S. Coast Guard regulations. Mariners should avoid close proximity these vessels and craft and are advised not interfere with these operations. All craft will be monitoring channel 16 and 72 bridge to bridge for communications. For questions or additional information, contact Nate Dalton at Commander Naval Beach Group TWO, 757-462-3412.

The Launch Director, National Aeronautics and Space Administration - Wallops Flight Facility, Wallops Island, Virginia, has advised that the area in the Atlantic Ocean within the existing Danger Zone off Wallops Island and Chincoteague Inlet (depicted as 334.130) as shown on National Ocean Service Chart 12210, will be hazardous to navigation because of a rocket launch during the periods and times below. During the launch window, contact Wallops Point via Marine Band (VHF) 12 and 22, or land line 757-824-1685.


Public Ship Avoidance Area are in effect and bound by:
- 3 NM radius of position 37-49.9N/ 75-25.6W
- 18.2 NM radius of position 37-40.2N/74-45.1W


Public Ship Avoidance Area are in effect and bound by:
- 3 NM radius of position 37-49.9N/ 75-25.6W
- 18.2 NM radius of position 37-40.2N/74-45.1W

The Navy and Army will be conducting Joint Operations offloading the USNS WATKINS and USNS KOCAK from 16 - 21 June 2019 in the vicinity of Lynnhaven anchorage area. There will be increased craft operating in the vicinity of Little Creek Harbor, Chesapeake Bay Bridge Tunnel and Fort Story. Mariners should avoid close proximity these vessels and craft and are advised not interfere with these operations. All craft will be monitoring channel 16 and 72 bridge to bridge for communications. For questions or additional information, contact Nate Dalton at Commander Naval Beach Group TWO, 757-462-3412.


Public Ship Avoidance Area are in effect and bound by:
- 3 NM radius of position 37-49.9N/ 75-25.6W
- 18.2 NM radius of position 37-40.2N/74-45.1W

The M/V COMMANDER working for Coastal Virginia Offshore Wind Project (CVOW) will be conducting Remote Operated Vehicle (ROV) surveys off the mouth of the Chesapeake Bay out to approximately 28 NM. For more information or questions, contact Anthony Peach at 709-687-1490 or anthony.peach@fugro.com.
*****VA – CHESAPEAKE BAY - THIMBLE SHOAL CHANNEL – DREDGING****

Manson Construction Co. will be conducting dredging operations in Thimble Shoal Channel from Thimble Shoal Lighted Buoy 19 (LLNR 9305) to Thimble Shoal Lighted Buoy 2 (LLNR 9210) beginning 18 Jun and with an expected completion date of 31 Aug 2019. Work will be conducted 24 hours a day, seven days a week. The Dredge GLEN EDWARDS will be on scene and may be contacted on VHF-FM 13, 16 and 66. The dredge material will be transported and disposed of in the Dam Neck Material Management Area (DNMMA). Contact Dave Howard, Operations Manager at 941-315-1010 or Juan Valdez, Asst. Operations Manager at 904-697-6099 for questions or concerns.

Chart 12222

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

Joint Expeditionary Base Little Creek Fort Story (JEBLCS) 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, parachute drops, helicopter airdrops and recovery, blank firing, flares, UAV ops:
- Naval Anchorage A, 21 May 2019, 9:00 a.m. to 4:00 p.m.
- Fort Story Restricted Area, Utah Beach 2, 28 May to 29 May 2019, continuous.
- Naval Anchorage A, 31 May 2019, 6:00 p.m. to 9:00 p.m.

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

*****VA – PORTSMOUTH – CRANEY ISLAND – MARINE CONSTRUCTION****

Marine construction of two new breasting dolphins at North Pier D located at the Defense Fuel Supply Point (DFSP), Craney Island, Portsmouth, Virginia will begin June 12, 2019 and last through the end of October 2019. The structure consists of 24 inch square precast, prestressed concrete plumb and batter piles with a 25 feet by 30 feet cast-in-place concrete pile cap for the south breasting dolphin, and a 21.5 feet by 33 feet cast-in-place concrete pile cap for the north breasting dolphin. The breasting dolphins will be constructed with a top elevation of EL +12.00 feet. The top of the existing mooring dolphins will remain at their current elevation of +9.00 feet. Mariners are requested to keep a sharp lookout while transiting in the vicinity of the on-site construction barge expected to extend approximately 200 feet off the pier in an eastwardly direction in support of the project.

Chart 12245

*****VA – NORFOLK HARBOR – ELIZABETH RIVER - US NAVY DEGAUSSING RANGE****

Precon Marine will be working on the US Navy Degaussing Range which is located at the entrance of the Elizabeth River. Work will include diving operations, crane operations, and cable laying operations. The work will commence on April 29, 2019, and will end on October 31, 2019. We are scheduled to work 7 days a week, and the work hours will be during the daylight hours. The caution area will be from buoy 1 ER (LLNR 9445) to Buoy 3 (LLNR 9465). The actual work station will be at 36 degrees 58.916 N, / 76 degrees 19.290 W. Mariners are requested use a slow bell and wide berth.

Chart 12425

*****VA – LOWER JAMES RIVER – OYSTER SHELL DREDGING AND PLANTING****

H & L Contracting will be conducting dredging operations in the Lower James River, VA From 6 Jun to 31 Aug 2019 for the purpose of harvesting and planting oyster shells. Work hours are 24 hours a day, 7 days a week. There will be one 200’ x 50’ dredge (vessel name: OYSTER BAY), one 260’ x 50’ barge (un-named) for oyster shells, one 140’ x 35’ barge (un-named) for oyster shells; a 60’ tug boat (vessel name: GOOSE CREEK) A 40’ x 14’ push boat (vessel name: MENEMSHA), skiff (un-named), and other support vessels. The work area will be a square with corners at 36°52’22”/76°26’53”W and 36°55’00”/76°25’50”W. The dredge OYSTER BAY will be spudded in place and other vessels moored to the dredge. A mooring buoy will be anchored south-west of the dredging area to create an anchor for three (3) 260’ x 50’ barges and three (3) 140’ x 35’ barges. The anchor area will be at approximately 36°56’30”/76°26’10”W. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H & L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are requested to reduce speed and proceed with caution in the area.

Chart 12248

*****VA – CHESAPEAKE BAY – SALT PONDS – MOORING BUOYS****

The following white with blue band mooring buoys will be established approximately Jun 20 in Salt Ponds to provide mooring locations for barges working on the rock jetty improvements.
- CD and C Buoy A in approximate position 37-03-18N, 76-17-06W
- CD and C Buoy B in approximate position 37-03-06N, 76-17-06W
- CD and C Buoy C in approximate position 37-04-01N, 76-16-36W
- CD and C Buoy D in approximate position 37-03-55N, 76-16-06W
- CD and C Buoy E in approximate position 37-05-52N, 76-16-36W

For more information or questions please contact Richard Gunn at 804-824-6556.

Chart 12222

*****VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER – SR 360/17 - DOWNING BRIDGE****

A routine inspection will be performed at the Downing Bridge (SR 360/17) (E. Queen Street) over Rappahannock River at Tappahannock VA, each day between the hours of 8 a.m. and 5 p.m., from June 7 through July 31. To facilitate the inspection, access will include the use of a snooper truck on the bridge roadway and a workboat will occupy the channel with no expected delays to vessels. Mariners should exercise caution when

Chart 12222
H & L Contracting will be conducting dredging operations in Tanger and Pocomoke Sounds, VA from 17 Jun to 31 Aug 2019 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60’ tug boat (vessel name: GOOSE CREEK), one 260’ x 50’ barge (un-named) for oyster shells, a 26’ x 12’ push boat (vessel name: JAKE), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°40’02”N / 76°28’37”W; 37°36’55”N / 76°18’42”W; 37°36’39”N / 76°18’19”W; 37°38’20”N / 76°32’36”W; 37°38’06”N / 76°32’30”W; 37°36’35”N / 76°20’34”W; 37°34’19”N / 76°17’08”W; 37°34’38”N / 76°18’18”W; 37°37’08”N / 76°30’48”W; 37°34’28”N / 76°18’37”W; 37°34’36”N / 76°18’59”W; 37°34’37”N / 76°18’07”W; 37°34’32”N / 76°17’57”W; 37°34’39”N / 76°17’35”W; AND 37°34’42”N / 76°16’54”W; 37°35’14”N / 76°31’15”W; 37°43’12”N / 76°34’56”W; 37°42’45”N / 76°34’54”W; 37°41’05”N / 76°34’43”W; 37°41’56”N / 76°34’36”W; 37°41’27”N / 76°34’19”W; AND 37°41’25”N / 76°34’20”W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge.

All marine equipment operators will be monitoring VH-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VH-FM channel 13 and 16. H & I supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are requested to reduce speed and proceed with caution in the area.

H & L Contracting will be conducting dredging operations in Ingram Bay, VA from 17 Jun to 31 Aug 2019 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60’ tug boat (vessel name: GOOSE CREEK), one 260’ x 50’ barge (un-named) for oyster shells, a 26’ x 12’ push boat (vessel name: JAKE), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°48’40”N / 76°19’14”W; 37°47’37”N / 76°18’28”W; AND 37°47’33”N / 76°17’13”W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge.

All marine equipment operators will be monitoring VH-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VH-FM channel 13 and 16. H & I supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are requested to reduce speed and proceed with caution in the area.

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In conjunction with the Shoreline Stabilization Project, a Turbidity Curtain will be installed in the Potomac River at Dumfries, VA. The curtain will extend approximately 75 to 100 feet into the Potomac River in approximate position Lat 38.549073, Long -77.274838, to Lat 38.547058, Long -77.276584 and will be lighted every 100 feet. For any questions, contact Patricia Casas at 703-967-9488.

Great Lakes Dredge & Dock Company will be working on the Virginia Beach Hurricane Protection Project. This Project includes placing 1,400,000 cubic yards of beach fill along 19, 700 lineal feet of beach located at Virginia Beach, VA. Beach fill material will be dredged using hopper dredges and will come from both the Atlantic Ocean Channel Borrow and the Thimble Shoals Borrow. Hopper dredge PADRE ISLAND and DODGE ISLAND, tug BRANGUS, tug VOLUNTEER STATE and crewboat ST. LOUIS will be in the area and may be contacted on VHF-FM channels 5, 13 and 16. The project is expected to last until 1 Dec 19.

An open water swim will be conducted in the entrance of Owl Creek/Rudee Inlet on Thursday, 20 Jun 2019 between 7:45 and 8:45 am. A Jet Ski and kayak will act as safety craft and will remain near the swimmers throughout the swim to mark the swimmers location. Contact Skylar Mason at 757-270-9019 for more information or questions.

LNM: 24/19
****VA – VIRGINIA BEACH – RUDEE INLET – SWIM****

LNM: 25/19

18 June 2019

11545

LNM: 25/19

LNM: 25/19

LNM: 25/19

LNM: 25/19
Mariners traveling on the western side of the New River between Stone Bay and Farnell Bay should be aware that there are numerous sign poles without working lights and are leaning or submerged as a result of Hurricane Florence and present hazards to navigation. These poles once had signs denoting areas of caution around the Stone Bay Rifle Range and Verona Loop Firing Ranges. Signs are located along the Stone Bay, Grey Point and Farnell Bay sectors of the New River. Marine Corps Base Camp Lejeune is working to replace these signs.

Marine Corps Installations East-Marine Corps Base Camp Lejeune, North Carolina, Live firing and training:

Mariners traveling in Atlantic Intracoastal Waterway through this area can expect delays of about one to four hours during the below times.

Range Control Boats, from Camp Lejeune, NC monitor Channel 16 VHF-FM and the working Channel 82 VHF-FM. Range Control can be reached at 910-451-3064 or 4449.

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 up to 15 NM seaward because of firing exercises during the following periods:

NONE SCHEDULED.

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: 24 HOURS DAILY

STONE CREEK SECTOR
STONE BAY SECTOR
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: 24 HOURS DAILY

TRAPS BAY SECTOR
COURTHOUSE BAY SECTOR
STONE BAY SECTOR
GREY POINT SECTOR
EAST OF THE 77 (DEG) 26 (MIN) LONGITUDE LINE.

The restricted areas that will be closed to navigation because of firing exercises during the following periods: 24 HOURS DAILY

FARNELL BAY SECTOR SUNRISE TO SUNSET - DAILY
MORGANS BAY SECTOR SUNRISE TO SUNSET - DAILY
JACKSONVILLE SECTOR SUNRISE TO SUNSET - DAILY

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:

NONE SCHEDULED.

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:

NONE SCHEDULED.

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 to include dive operations.

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.

Range Control Boats, MCIE-MCB Camp Lejeune NC monitor VHF-FM channels 16 and 82. Range Control can be reached at 910-451-3064 or 4449.

Charts: 11541 11542 11543

NC – APPROACHES TO CAPE FEAR RIVER – ARTIFICIAL REEF AR - 460

North Carolina Division of Marine Fisheries is notifying mariners of Artificial Reef AR-460 which is currently uncharted. It is located approximately 3 nautical miles south of Shalotte Inlet Lighted Whistle Buoy SH (LLNR 31050), centered at 33 50 05N, 78 22 01W and extends 500 yards in all directions. The reef maintains a 15-foot minimum depth. Division of Marine Fisheries is working to get the AR-460 charted, at which time this notice will expire. For more information, contact Jason Peters with the division’s Artificial Reef Program at 252-808-8063 or Jason.Peters@ncdenr.gov.

Chart 11536
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<th>Height</th>
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LNM: 25/19  
Coast Guard District 5  
18 June 2019
ENCLOSURES

Enclosures
1. Summary of Shoaling.
2. Summary of Bridge Regulations/Construction/Permits.
4. Summary of Marine Events.
5. Tred Avon River Oyster Restoration.
6. Special Local Regulation; Upper Potomac River, National Harbor, MD
7. Southport Channel Range Precision Directional Light
SUMMARY OF SHOALING REPORTED
IN THE FIFTH COAST GUARD DISTRICT

NEW JERSEY SHOALING

NJ – INTRACOASTAL WATERWAY – LITTLE EGG HARBOR TO CAPE MAY INLET – SHOALING
Shoaling has been located in the vicinity of New Jersey Intracoastal Waterway Light 262 (LLNR 36005). Shoaling has encroached into the channel, depths are currently between 5 - 6ft at MLW.
Chart 12316

*** NJ – INTRACOASTAL WATERWAY – LITTLE EGG HARBOR TO CAPE MAY INLET – SHOALING***
Shoaling has been reported in the New Jersey Intracoastal Waterway (NJICWW) IVO Beach Haven between NJICWW LT 130 (LLNR35536) and NJICWW LT 132 (LLNR 35550). Shoaling is visible at low tide and extends approximately 20yds into the channel, mariners are advised to use extreme caution when transiting the area.
Chart 12316

NJ – INTRACOASTAL WATERWAY – MANASQUAN INLET TO CAPE MAY INLET - SHOALING
Shoaling has been reported in the New Jersey Intracoastal Waterway (NJICWW) between Manasquan Inlet and Cape May Inlet. Mariners are advised to use extreme caution when transiting the NJICWW due to shoaling. The following are some of the locations where the shoaling has been reported.
NJICWW Light 4 (LLNR 34995).
NJICWW Light 38 (LLNR 35115).
NJICWW Daybeacon 45 (LLNR 35165) & Daybeacon 46 (LLNR 35167).
NJICWW Daybeacon 49 (LLNR 35108).
NJICWW Junction Light LB (LLNR 35420) to Light 109 (LLNR 35430).
North side of Tow Island at NJICWW Daybeacon 129 (LLNR 35530).
NJICWW Light 145 (LLNR 35590) to Light 163 (LLNR 35655) Black Point on the red side.
Between NJICWW Daybeacon 206 (LLNR 35825) and Daybeacon 209 (LLNR 35835) IVO Bader Field.
IVO NJICWW Daybeacon 221 (LLNR 35867).
Between NJICWW Light 233 (LLNR 35905) and Daybeacon 243 (LLNR 3535945) Broad Thorofare.
IVO NJICWW Buoy 263 (LLNR 36007) and Buoy 263A (LLNR 36009) Shooting Island on the green side.
Between NJICWW Daybeacon 272 (LLNR 36035) and Daybeacon 282 (LLNR 36070) in Peck Bay.
Between NJICWW Light 383 (LLNR 36420) Daybeacon 399 (LLNR 36470).
Between NJICWW Buoy 417 (LLNR 36517) and Buoy 424 (LLNR 36535) Great Channel.
Between NJICWW Light 449 (LLNR 36625) and Light 453 (LLNR 36639) Grassy Sound. Ref LNM 24/17
Chart 12316, 12324

NJ – SALEM RIVER – SHOALING
Shoaling was reported in the Salem River, in Salem, NJ. The shoaling was reported between Salem River Entrance Channel Light 5 (LLNR 2670), Light 6 (LLNR 2675) and Light 7 (LLNR 2680), Light 8 (LLNR 2685) on the east side of the channel. The depth was reported at 10 feet shortly after high tide.
Mariners are advised to proceed with caution when transiting the area.
Chart 12311

PENNSYLVANIA SHOALING

Shoaling has occurred in the Delaware River in approximate position 39-48.16791, 075-25.354427w, 50 feet off the green channel toe, in the vicinity of Marcus Hook Intake Light (LLNR 3170). Shallowest depth 38.5 feet. All mariners are requested to transit the area with caution. Ref LNM 09/18
Chart 12312

PA – NJ – CHESTER RANGE – SHOALING
The Coast Guard has received a report of shoaling 40ft within the PA side of the channel in approx position 39-49'33.80"N, 075-22'39.81"W. The rock mound has been reported to have a minimum depth of 39.1ft. Mariners are urged to use caution when transiting the area.
Chart 12312

DELAWARE SHOALING

DE- INDIAN RIVER BAY – SHOALING
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 M! (LLNR 4436). Depths of 0.0 ft at times, during low tide, were reported.
Chart 12216

DE – REHOBOTH BAY – INDIAN RIVER – BACKERS CHANNEL – SHOALING
The Delaware Department of Natural Resources and Environmental Control (DNREC) reports shoaling in Baker’s Channel between Baker’s Channel Lighted Buoy 1A (LLNR 2136) and Baker’s Channel Lighted Buoy 1B (LLNR 2137) as well as Baker’s Channel Lighted Buoy 5 (LLNR 2137.04) and Baker’s Channel Lighted Buoy 6 (LLNR 2137.05). DNREC has established two warning buoys worded “DANGER SHOAL” to mark the shoaling. Mariners are advised to transit that area with caution. Ref LNM 26/17
Chart 12216
MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - OCEAN CITY INLET - SHOALING
A Maryland Department of Natural Resources Bathymetric Survey conducted in Nov 2017 has identified shoaling midway between Ocean City Inlet Lighted Buoy 8 (LLNR 4745) and Lighted Buoy 10 (LLNR 4750) to a depth of less than five feet at MLLW and extending approximately 150 feet into the channel. A second area of severe shoaling has been identified between Ocean City Lighted 11 (LLNR 4755) and Lighted Buoy 12 (LLNR 4757) to a depth of less than seven feet at MLLW.
Chart 12211

****MD – FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY – SHOALING****
There has been a report of shoaling in Sinepuxent Bay within the channel boundaries in the vicinity of Sinepuxent Bay Channel Daybeacon 11B (LLNR 5050), to a depth of three feet at mean low water and extending approximately 10 yards into the Channel boundaries. MD BNM 116-19
Chart 12211

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY – SHOALING
Shoaling exist between Sinepuxent Bay Channel Lighted Buoy 11 (LLNR 5042) to Sinepuxent Bay Channel Light 13 (LLNR 5055), water depth of three feet. Shoaling between Sinepuxent Bay Channel Buoy 6 (LLNR 5015) to Sinepuxent Bay Channel Buoy (LLNR 5017), water depth of four and one half feet. 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.
Chart 12211

MD - POTOMAC RIVER – ST. GEORGE CREEK – SHOALING
The Army Corps of Engineers, Baltimore District. Survey of St. George Creek Channel dated April 2018, indicates shoaling across the entire channel. The shoaling is from 850 feet up the channel of St. George Creek West Channel Warning Light A (LL 16760) to 500 feet up the channel of St. George Creek West Channel Warning Daybeacon B (LL 16765), with a least depth of 3.1 feet MLLW.
Chart 12233

MD - POTOMAC RIVER – ST. PATRICK CREEK – SHOALING
There has been a report of severe shoaling within the channel boundaries of St. Patrick Creek. Shoaling has been reported in the vicinity of St. Patrick Creek Channel Daybeacon 3 (LLNR 17120) extending to St. Patrick Creek Channel Daybeacon 5 (LLNR 17135) with depths of 2-4' at MLW. Shoaling to 1' MLW has been observed in the channel in the vicinity of St. Patrick Creek Channel Buoy 3A (LLNR 17125).
Chart 12286

****MD – MOBJACK BAY AND YORK RIVER ENTRANCE – BACK RIVER****
A recent NOAA survey identified shoaling to a depth of 8 feet at MLW in Back River between Back River Channel Daybeacon 6 (LLNR 12930) and Back River Channel Light 5 (LLNR 12925). The survey also identified shoaling around Back River Channel Light 4 (LLNR 12920) to a depth of 10 ft at MLW.
Chart 12222

MD - CHESAPEAKE BAY - CHESAPEAKE BAY TO PINEY POINT - ST. JEROME CREEK - SHOALING
Maryland DNR survey of the mouth of St. Jerome Creek indicates shoaling, to at least depth of 3.1feet MLLW, in the channel between St. Jerome Creek Light 4 (LLNR 18810), St. Jerome Creek Daybeacon 4A (LLNR 18812) and St. Jerome Creek Daybeacon 6 (LLNR 18815). The channel width in the area of St. Jerome Daybeacon 4A (LLNR 18812) and Deep Point is reduced to approx 20 ft. MD-NCR BNM 415-16, Ref LNM 52/16
Chart 12233

MD/VA - POTOMAC RIVER - PINEY POINT TO LOWER CEDAR POINT - ST. CATHERINE SOUND LOWER ENTRANCE - SHOALING
Shoaling exists in St. Catherine Sound Lower Entrance at the following locations: (1) off the northeastern tip of St. Catherine Island extending channel ward between position 38-14-17.586N, 076-47-15.562W and position 38-14-32.841N, 076-47-14.761W, and (2) in the vicinity of St. Catherine Sound Lower Entrance 4L (LLNR 17230), Ref LNM 44/16, CCGD5 BNM 524-16
Chart 12286

MD – CHESAPEAKE BAY – ST. PETERS CREEK – SHOALING
Shoaling has been located within the channel limits of St. Peters Creek from Entrance Light 1SP (LLNR 23435) to St. Peters Creek Daybeacon 2 (LLNR 23440) least depth of 5.3' in center of channel, 4.3' on the green side of the channel, and 2.3' on the red side of the channel. From St. Peters Creek Daybeacon 2 (LLNR 23440) to St. Peters Creek Daybeacon 3 (LLNR 23445) least depth of 3.7' in the center of channel, 1.7' on the green side of the channel, and 1.7' of the red side of the channel. From St. Peters Creek Daybeacon 3 (LLNR 23445) to St. Peters Creek Daybeacon 5 (LLNR 23450) least depth of 3.3' in center of channel, 1.7' on the green side of the channel, and 2.3' on the red side of the channel. From St. Peters Creek Daybeacon 5 (LLNR 23450) to St. Peters Creek Daybeacon 8 (LLNR 23455) least depth of 3' in the center of the channel, 2.3' on the green side of the channel and 2.7' on the red side of the channel.
Chart 12231

MD – LITTLE CHOPTANK RIVER - SLAUGHTER CREEK – SHOALING
Shoaling in the western portion of Slaughter Creek in the vicinity of Holland Point have encroached easterly in most of the federally marked channel. The shoal adjacent to Slaughter Creek Light 2SC (LLNR 24645) has encroached approx 50-100 yds easterly with observed depths of 3-4' in between tide cycles. Shoaling to 5' MLLW has been observed on the red side of the channel between Slaughter Creek Buoy 6 (LLNR 24670) and Slaughter Creek Buoy 8 (LLNR 24685), Sec MD-NCR BNM 045-17
Chart 12264, 12266

MD – CHESAPEAKE BAY - HONGA, NANTICOKE AND WICOMICO RIVERS – FISHING BAY - TAR BAY
A USACE survey conducted in Apr 2016 has identified shoaling to a depth of less than one foot at mean low water between Tar Bay Channel Warning Daybeacon E (LLNR 24595) and Tar Bay Channel Warning Daybeacon K (LLNR 24615). The channel width has been significantly reduced. Observed depths are between 2.4' at high tide. Sec MD-NCR BNM 044-17
Chart 12261
MD – FISHING BAY – FARM CREEK – SHOALING
From entrance of channel to Farm Creek Channel Daybeacon 2 (LLNR 24430) least depth of 5 feet within the channel limits. From Farm Creek Channel Daybeacon 2 (LLNR 24430) to Farm Creek Channel Daybeacon 7 (LLNR 24445) least depth of 2.0 feet on red side of channel, 3.9 Ft centerline of channel, and 2.8 feet on the green side of channel. Ref LNM 16/18.

MD – CHESAPEAKE BAY – ROCK HALL HARBOUR – SHOALING
The MD DNR Survey of Rock Hall Harbor Entrance, dated April 21, 2017 indicates shoaling across the marked channel from Rock Hall Harbor Entrance Buoy 1 (LLNR 26890) to Rock Hall Harbor Light 5 (LLNR 26900). Least depths range to 6.9 feet to 4.8 feet MLLW. Chart 12272, 12278

VA – MD – POTOMAC RIVER – BONUM CREEK – SHOALING
U. S. Army Corps of Engineers Survey of Bonum Creek indicates shoaling, to less than 4 feet MLLW, in the channel between Bonum Creek Light 2B (LLNR 16880), Bonum Creek Channel Daybeacon 3 (LLNR 16885) and Bonum Creek Buoy 3A (LLNR 16887). MD-NCR BNM 149-17. Chart 12286

VIRGINIA SHOALING

VA – NANDUA CREEK
Shoaling has been reported at the entrance to Nandua Creek to 2 feet. HR BNM 311-13 Chart 12226

VA – CHINCOTEAGUE CHANNEL – SHOALING
The shoal adjacent to Chincoteague Channel Lighted Buoy 28 (LLNR 5397) has encroached approximately 30-40 yds into the channel, depths of 3 - 4’ at MLW. LNM 12/19 Chart 12210

VA – CHINCOTEAGUE INLET TO GREAT MACHIGONPO INLET – VIRGINIA INSIDE PASSAGE - WALLOPS ISLAND – SHOALING
There has been a report of shoaling in the vicinity of Wallops Island Lighted Buoy 2 (LLNR 5520) to a depth of one foot. Chart 12210

VA – VIRGINIA INSIDE PASSAGE (VIP)
VIP Day beacon 184 (LLNR 6220) 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, Chart 12210, 12224

VA – CAPE HENRY TO THIMBLE SHOAL LIGHT – LYNNHAVEN INLET – SHOALING
Shoaling has been observed in Lynnhaven Basin and connected tributaries, south of Chesapeake City. Depths of 0-3 feet have been reported from Pleasure Point eastbound to Long Creek Daybeacon 10 (LLNR 10170); in Crab Creek, Lynnhaven Inlet, Long Creek and at Great Neck Point. Depths of 3-5.9 feet have been reported east of Long Creek Daybeacon 10 to the entrance of Broad Bay. Chart 12224

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE - MILFORD HAVEN EAST
Shoaling to a depth of 2 Feet at low tide has been identified from 400 yards northeast of Milford Haven East Buoy 7 (LLNR 14593.5) extending to the south 600 yards. Shoaling extends to the west 250 yard and impedes the width of the channel both inbound and out bound. Shoaling to a depth of 3 feet has been identified in various locations west of Buoy 7 (LLNR 14593.5) To Buoy 18 (LLNR 14625). Chart 12235

VA – RAPPAHANNOCK RIVER ENTRANCE – QUEENS CREEK – SHOALING
Shoaling has been Reported to a depth of 2-3ft at mean low water in the channel of Mattawoman Creek between Mattawoman Creek Light 2 (LLNR 10105) and Mattawoman Creek Light 2 (LLNR 21580). Shoaling extends to the west 250 yard and impedes the width of the channel both inbound and out bound. Shoaling to a depth of 3 feet has been identified in various locations west of Buoy 7 (LLNR 14593.5) To Buoy 18 (LLNR 14625). Chart 12235

VA – HAMPTON ROADS - WILLOUGHBY BAY
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

VA – CHESAPEAKE BAY – MATTAWOMAN CREEK – SHOALING
Shoaling has been reported to a depth of 2-3ft at mean low water in the channel of Mattawoman Creek between Mattawoman Creek Light 1MC (LLNR 21580) and Mattawoman Creek Light 2 (LLNR 21585). Mariners are advised to transit the area with caution. Chart 12226

VA – CHESAPEAKE BAY – LYNNHAVEN INLET – LONG CREEK CHANNEL
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 Chart 12254

VA – CHESAPEAKE BAY – MOBJACK BAY AND YORK RIVER ENTRANCE – DAVIS CREEK – SHOALING
Significant shoaling has been reported in the vicinity of Davis Creek. Shoaling of the channel begins 100 yards south of Davis Creek Warning Daybeacon B (LLNR 14130) to a depth of 4.9 feet extending across the entire length and width of the channel to 150 yards north of Davis Creek Warning Daybeacon D (LLNR 14140) with a minimum identified depth of 1.2 feet. Ref LNM 12/17 Chart 12238
VA – CHESAPEAKE BAY – MOBJACK BAY AND YORK RIVER ENTRANCE - HORN HARBOR
Shoaling has been reported to 1-2 feet extending 50 yards channel ward from Horn Harbor Lighted Buoy 8 (LLNR 14487). HR BNM 182-15
Chart 12238

VA – CHESAPEAKE BAY – BACK RIVER – SHOALING
A NOAA Survey identified shoaling to a depth of 6 feet MLW in Back River in approximate position 37-06'33.0"N, 076-16'40.8"W, approximately 75 yards west of Back River Daybeacon 6 (LLNR 12930). Mariners are advised to transit the area with caution. HR BNM 044-17, LNM 07/17
Chart 12222

VA – CHESAPEAKE BAY – YORKTOWN TO WEST POINT - QUEEN CREEK
Shoaling to less the 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
Chart 12243

VA – GREAT WICOMICO RIVER – SHOALING
Shoaling has been identified in the vicinity of Great Wicomico River Light 9 (LLNR 16300) extending 30 yards north and north northeast of structure to a depth of less than 2 feet.

VA – RAPPAHANNOCK RIVER – SHOALING
Rappahannock River mile 60 to 63, Devils Elbow. Shoaling has been reported to a depth of less than 04 ft at mean low water along the eastern side of the channel from Horse Head Point to south of Tobys Point extending along the eastern side of Tobys Point to North Bend. HR BNM 051-17, LNM 08/17
Chart 12237

VA - RAPPAHANNOCK RIVER - CORROTOMAN RIVER TO FREDERICKSBURG – GREENVALE CREEK SHOALING
An Army Corps of Engineers Survey of Greenvale Creek Channel indicates shoaling, to a least depth of 1.7 feet MLLW, across the channel from approximately 250 feet North-Northeast of Greenvale Channel Warning Daybeacon A (LLNR 15305) continuing inbound for approximately 880 feet. Ref LNM 50/16
Charts 12237

VA - POTOMAC RIVER - YEOCOMICO RIVER - SHOALING
There has been a report of shoaling in the Yeocomico River within channel boundaries, located SE of South Yeocomico River Daybeacon 2 (LLNR 16830) to a depth of less than ten feet at mean low water. MD-NCR BNM 408-16, Ref LNM 50/16
Chart 12233

VA - POTOMAC RIVER - PINEY POINT TO LOWER CEDAR POINT - BONUM CREEK - SHOALING
Soundings in Bonum Creek indicates shoaling in the channel between Bonum Creek Warning Daybeacon C (LLNR 16890), Bonum Creek Warning Daybeacon D (LLNR 16890), and Bonum Creek Warning Daybeacon E (LLNR 16895). Due to extensive shoaling off Sandy Point Neck, the channel width has been reduced to approx 20ft between Bonum Creek Warning Daybeacons C and D. Mariners are urged to use caution.
Chart 12286

VA – RINEE INLET – SHOALING****
Survey from May 31 indicates shoaling outbound on outer south jetty, least depth 8.7.
Chart 12200

NORTH CAROLINA SHOALING

NC – OREGON INLET – SHOALING
Shoaling to a depth of 2 feet MLW has been observed in Oregon Inlet within the Bonner Bridge Navigation Span extending several hundred feet to the west. Mariners are advised to use extreme caution while navigating this area. NC BNM 492-18
Chart 12205

NC – CAPE HATTERAS – HATTERAS INLET
Shoaling has been found encroaching 40 yards into the channel, depths of 2-3 at MLW. Shoaling to 2-3 MLW has been observed on the red side of the channel between Hatteras Inlet Channel Lighted Buoy 12 (LLNR 28732) and Buoy 12A (LLNR 28732.1). NC BNM 321-18
Chart 11555

NC – CAPE HATTERS – BARNEY SLOUGH
Shoaling has been found along north side of channel between Barney Slough Channel Buoy 4 (LLNR 28721.7) and Barney Slough Channel Lighted Buoy 6 (LLNR 28722.3). Observed depths of 4 feet MLW.
Chart 11555
****NC – BARDEN INLET – BACK SOUND – SHOALING****
Significant shoaling exists in Barden Inlet and Back Sound between Barden Inlet Buoy 8 (LLNR 29180) and Barden Inlet Buoy 15 (LLNR 29210) to an average channel depth of less than 3 feet at MLW. Under the current condition of the inlet, the aids to navigation can no longer be configured to safely mark a passable channel and the aids to navigation will be discontinued. Two Danger Shoal Buoys will be placed at each end of the removed section. Mariners are advised to use extreme caution while navigating this area. NC BNM 136-19
Chart 11545

NC – BEAUFORT HARBOR – SHOALING
U.S. Army Corp of Engineers Survey on 4 Oct 2018 revealed significant shoaling between Beaufort Harbor Channel Lighted Buoy 2 (LLNR 34805) and Beaufort Harbor Buoy 2A (LLNR 34807) in Beaufort Harbor Channel. Depths as low as 6 feet at mean low water were reported along the right hand side of the channel when returning from sea. Mariners are advised to navigate with extreme caution when transiting this area. NC BNM 427-18, LNM 42/18
Chart 11545

NC – BOGUE SOUND – SHOALING
Significant shoaling exists in Barden Inlet and Back Sound between Barden Inlet Buoy 8 (LLNR 29180) and Barden Inlet Buoy 15 (LLNR 29210) to an average channel depth of less than 3 feet at MLW. Under the current condition of the inlet, the aids to navigation can no longer be configured to safely mark a passable channel and the aids to navigation will be discontinued. Two Danger Shoal Buoys will be placed at each end of the removed section. Mariners are advised to use extreme caution while navigating this area. NC BNM 136-19
Chart 11545

NC – BEAUFORT HARBOR – SHOALING
U.S. Army Corp of Engineers Survey on 4 Oct 2018 revealed significant shoaling between Beaufort Harbor Channel Lighted Buoy 2 (LLNR 34805) and Beaufort Harbor Buoy 2A (LLNR 34807) in Beaufort Harbor Channel. Depths as low as 6 feet at mean low water were reported along the right hand side of the channel when returning from sea. Mariners are advised to navigate with extreme caution when transiting this area. NC BNM 427-18, LNM 42/18
Chart 11545

NC – BOGUE SOUND – PELETIER CREEK – SHOALING
Severe shoaling has been reported in Peletier Creek near Bogue Sound to a depth of 3 feet MLW. Multiple aids to navigation have been removed from Peletier Creek and Peletier Creek Entrance Daybeacon 1 (LLNR 38820) and Peletier Creek Entrance Daybeacon 5 (LLNR 38835) have been converted into a non-lateral warning aids. NC BNM 545-18
Chart 11545

NC – LENOXVILLE POINT – TAYLOR CREEK – SHOALING
Shoaling exists in the channel in vicinity of Lenoxville Point Buoy 1L (LLNR 34757) through Lenoxville Point Buoy 3 (LLNR 34760). NC BNM 294-18.
Chart 11545

NC – CORE SOUND - WAINRIGHT SLOUGH - SHOALING
Significant shoaling exists between Core Sound Light 5 (LLNR 34345) and Core Sound Daybeacon 5B (LLNR 34350) in Wainwright Slough. Depth less than 3 feet may be present within the channel. Mariners are advised to navigate with extreme caution when transiting this area. NC BNM 384-18
Chart 11550

NC – WESTERN PART OF PAMLICO SOUND – PAMLICO RIVER – WRIGHT CREEK – SHOALING
Shoaling has been reported in the AICWW near the intersection of Browns Inlet and the AICWW in the vicinity of New River – Cape Fear River Buoy 61A (LLNR 39223). Mariners are advised to use caution while navigating this area. NC BNM 115-19
Chart 11541

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – AICWW - NEW RIVER TO CAPE FEAR RIVER – BROWNS INLET
Shoaling has been reported in the AICWW near the intersection of Browns Inlet and the AICWW in the vicinity of New River – Cape Fear River Buoy 61A (LLNR 39223). Mariners are advised to use caution while navigating this area. NC BNM 115-19
Chart 11541

NC – NEUSE RIVER TO MYRTLE GROVE SOUND - NEW RIVER – NEW RIVER INLET CROSSING
Shoaling has been reported in New River Inlet Crossing near Bogue Sound - New River Buoy 72A (LLNR 39300) to a depth of 3 feet MLW. NC BNM 011-19
Chart 11542

NC – NEW TOPSAIL INLET – SHOALING
Significant shoaling has been reported throughout New Topsail Inlet. Multiple aids to navigation are unreliable and not marking good water. Mariners should use extreme caution while navigating this area. NC BNM 115-19
Chart 11541

NC – INTRACOASTAL WATERWAY - MYRTLE GROVE SOUND TO LITTLE RIVER
Shoaling has been reported in the AICWW near the intersection of Browns Inlet and the AICWW in the vicinity of New River – Cape Fear River Buoy 61A (LLNR 39223). Mariners are advised to use caution while navigating this area. NC BNM 115-19
Chart 11541

NC – LOCKWOODS FOLLY INLET – SHOALING****
Significant shoaling exists in Carolina Beach Inlet to a depth of less than 4 feet at mean low water. Multiple aids to navigation are unreliable and not marking good water. Mariners should use extreme caution while navigating this area. NC BNM 115-19
Chart 11541

NC – INTRACOASTAL WATERWAY - MYRTLE GROVE SOUND TO LITTLE RIVER
Shoaling was found between Cape Fear River - Little River Buoy 80A (LLNR 40337) and Cape Fear River - Little River Buoy 82 (LLNR 40345). Depths as low as 3ft were observed in the ICW channel at MLW. Position 33-54'25.55"N, 078-23'4.41"W. Shoaling is across the entire channel.
SUMMARY OF BRIDGE PERMITS, REGULATIONS AND CONSTRUCTION
IN THE FIFTH COAST GUARD DISTRICT

CURRENT PROJECTS

Permits:

SECTOR DELAWARE BAY

- Delaware
  Christina River – Christina River Bridge – Permit (1-17-5) signed April 7, 2017, for a fixed bridge across the Christina River, mile 3.8, City of Wilmington, New Castle County, DE. The bridge will provide a minimum vertical clearance of 14 feet above mean high water and a horizontal clearance of 150 feet centered on the axis of the navigable channel. (KB)

- New Jersey (Central & Southern)
  Oldmans Creek – US Route 130 Bridge - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 15, 2018; vertical clearance of 5 feet above mean high water and a horizontal clearance of 75 feet. (HP)
  Raccoon Creek – US 130 (fixed) Bridge - new fixed bridge structure to replace (lift) bridge. Permit (2-15-5) signed December 9, 2015. (KB)

- Pennsylvania
  Schuylkill River – Grays Ferry Pedestrian Bridge – Permit (3-17-5) signed November 27, 2017, for a swing drawbridge replacement with a vertical clearance of 26 feet above mean high water (closed position), unlimited vertical clearance in the open position, and a horizontal clearance of 75 feet in the west navigation span and 65 feet in the east navigation span. (MT)
  Darby Creek – S.R. 420 (Wanamaker Avenue) - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on December 13, 2018; vertical clearance of 11 feet above mean high water and a horizontal clearance of 78 feet. (MT)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- Maryland –
  Potomac River – Governor Harry Nice Memorial Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 2, 2018; vertical clearance of 135 feet above mean high water and a horizontal clearance of 250 feet. The center of the main navigation span of the bridge may be shifted up to 585 feet to the west of the current navigation span. (KB)
  Neale Sound – MD-254 (Cobb Island Road) Bridge – Permit (1-18-5) signed May 2, 2018, for a fixed replacement bridge with a vertical clearance of 20 feet above mean high water and a horizontal clearance of 55 feet. (HP)

- Washington DC –
  Anacostia River – Frederick Douglass Memorial Bridge - Permit (2-17-5) signed December 4, 2017, for a fixed bridge replacement with a vertical clearance of 42 feet above mean high water and a horizontal clearance of 150 feet. (MB)

- Virginia (Northern)
  Potomac River – Governor Harry Nice Memorial Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 2, 2018; vertical clearance of 135 feet above mean high water and a horizontal clearance of 250 feet. The center of the main navigation span of the bridge may be shifted up to 585 feet to the west of the current navigation span. (KB)

SECTOR HAMPTON ROADS

- Virginia (Southern)
  Western Branch of the Elizabeth River – Churchland Bridge - Permit Amendment (53b-73-5) signed May 1, 2019, for a fixed bridge replacement of the northbound structure of the bridge with a structure providing a vertical clearance of 36.63 feet above mean high water and a horizontal clearance of 80 feet. (MS)

SECTOR NORTH CAROLINA

- North Carolina
  Atlantic Intracoastal Waterway – NC 210/50 Bridge, Surf City, NC - new fixed bridge structure to replace (swing) bridge. Permit (2-16-5) signed September 27, 2016. (KB)

  The Straits – Harkers Island Bridge – Bridge Replacement - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 24, 2017; vertical clearance of 45 feet above mean high water and a horizontal clearance of 125 feet. (MB)
  Perquimans River – US 17 Business Bridge (Hertford, NC) – replacement swing drawbridge Preliminary Navigation Clearance Determination (PNCD) issued on November 1, 2017; vertical clearance of 33 feet above mean high water and a horizontal clearance of 55 feet. NCDOT preferred alternative would provide a vertical clearance of 12 feet above mean high water in the closed position, unlimited vertical clearance in the open position and a horizontal clearance of 55 feet. (HP)
  Pamlico Sound – Bridge No. 71 (Rodanthe) Bridge – new fixed bridge carrying NC 12 on the mainland side of the outer bank along the northeastern shore of Pamlico Sound from a position approximately 1.8 miles north of the southern boundary of the Pea Island National Wildlife Refuge to a position north of the Chincamacomico Channel and the emergency ferry terminal in Rodanthe, Dare County, NC. Permit (1-19-5) signed on February 20, 2019. (HP)

Regulations:

SECTOR DELAWARE BAY

- Delaware – None
- New Jersey (Central & Southern) - None
- Pennsylvania – None

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- Washington, DC & Virginia (Northern) – None
SECTOR NORTH CAROLINA

Construction, et al:

SECTOR DELAWARE BAY

Delaware

Lewes and Rehoboth Canal - Rehoboth Avenue (SR 1A) Bridge – Under this temporary deviation, the bridge will remain in the closed-to-navigation position from Monday, May 13, 2019, and Saturday, August 31, 2019; Mon-Fri; from 8 p.m. to 5:00 a.m. The drawbridge is a bascule drawbridge with a vertical clearance in the closed-to-navigation position of 16 feet above mean high water; however, bridge maintenance will require a containment structure to hang below the bridge reducing the vertical clearance to 13 feet above mean high water throughout the maintenance period. The bridge will be unable to open for emergency vessels. Mariners should use caution when transiting the area. (MB)

Christina River - SR 141 (1-501) Bridge – Bridge maintenance will be conducted from July 1, 2019, to September 30, 2019, Monday-Saturday from 7 a.m. to 5 p.m. To facilitate the work, barges will be connected and extended approximately 120 feet into the channel between the James Street Bridge and the SR 141 Bridge to assist with the placement of riprap. This will reduce the horizontal clearance of both bridges by 50%. There will also be divers in and around the vicinity of the bridge. The Project Foreman may be reached on VHF/FM Channel 13. Mariners are urged to use caution when transiting the area. (MS)

Nanticoke River - SR 13 Bridge - Bridge will be maintained in the closed-to-navigation position to facilitate bridge repair and maintenance. This deviation allows the bridge to be maintained in the closed-to-navigation position 24 hours a day; 7 days a week; from June 17, 2019, through 5:59 a.m. on July 13, 2019, and from 6 a.m. on July 15, 2019, through 5:59 a.m. on August 26, 2019. Maintenance will be performed, Monday through Friday; from 7 a.m. to 7 p.m.; and from 6 a.m. to 6 p.m. on the weekends. The repainting and miscellaneous improvements ongoing since mid-November, 2015, will be extended through July 31, 2019. The project foreman may be contacted at 302-361-2400. Mariners should use caution when navigating through the area. (MT)

Delaware River - Interstate 295/Betsy Ross Bridge – Painting will be conducted from May 15, 2018, to October 1, 2019; Monday - Saturday, from 7 a.m. to 5 p.m. A work platform will be installed and will extend 3 feet below sea level. The horizontal clearance of the bridge will be reduced by 3 feet, to approximately 110 feet above mean high water. There will be no maintenance personnel or equipment in the waterway. A small safety boat will be in vicinity of the bridge when work is conducted over the navigational spans. Mariners are urged to use caution when transiting the area. (MS)

New Jersey Intracoastal Waterway (NJICW), Inside Thorofare - US40-322 (N Albany Ave) Bridge – Bridge maintenance will be conducted from July 1, 2019, to October 1, 2019; Monday - Saturday, from 7 a.m. to 5 p.m. The bridge will be maintained in the closed-to-navigation position throughout the maintenance period. The bridge will be unable to open for emergency vessels. Mariners should use caution when transiting the area. (MS)

New Jersey Intracoastal Waterway (NJICW), Beach Thorofare - US 30 (Absecon Boulevard) Bridge – Bridge maintenance will be conducted from July 1, 2019, to October 1, 2019; Monday - Saturday, from 7 a.m. to 5 p.m. The bridge will be maintained in the closed-to-navigation position throughout the maintenance period. The bridge will be unable to open for emergency vessels. Mariners should use caution when transiting the area. (MS)

Townsend Inlet - CR619 (Ocean Drive) Bridge – Bridge maintenance will be conducted from Monday through Saturday, 6 a.m. to 3 p.m., from September 21, 2018, to May 22, 2019. The construction personnel will not be operating in the navigable channel. The Project Foreman may be reached at (609) 624-9090. Mariners should use caution when transiting the area. (MS)

NJICW (Cape May Canal) - SR 109 Bridge – Bridge maintenance, which began in September, 2017, will continue to be conducted from 7 a.m. to 5 p.m.; M-F; through July 31, 2019. Several work vessels, work barges and work floats and divers will be around the vicinity of the bridge during work hours. Vessels can safely transit through the bridge, unrestricted, at any time. The work vessels and work barges may be reached on VHF-FM channel 13. The project foreman may be reached at (215) 208-1759. Mariners should use extreme caution when transiting the area and transit through the bridge at a safe speed. (MT)
**Schuylkill River - Route 71 (Main Street) Bridge** – Bridge maintenance will be conducted between Monday, April 1, 2019, and Friday, June 28, 2019; Mon-Fri; from 7 a.m. to 3 p.m. The bridge maintenance will require a tug and float barge, 20 feet long by 16 feet wide to work in and around the navigable channel. Maintenance personnel, equipment and vessels can relocate with 30 minutes notice. The vessel may be reached on VHF-FM channels 13 and 16. The project superintendent may be reached at (865) 718-2133. Mariners should use caution when transiting the area.  

- **Pennsylvania –**

**Schuylkill River - Grays Ferry Railroad Bridge** - Modification (pedestrian bridge) activities which began June 2018, are expected to finish on May 1, 2020. Work will be performed from 6 a.m. to 5 p.m.; M-F. During this bridge modification project, one navigation span will be occupied; the other navigation span will be open for vessels to transit. Mariners should navigate the waterway with extreme caution and due regard for personal safety and navigational hazards. The new bridge will have a vertical clearance of 25 feet above mean high water in the closed-to-navigation position, an unlimited vertical clearance in the open position, a horizontal clearance of 75 feet in the western navigation span, and 65 feet in the eastern navigation span. Detailed project information and information concerning the waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Crane barges, material barges, and support vessels will be operating or stationed in the vicinity of the existing bridge. A.P. Construction Inc.'s vessels are monitoring VHF-FM channels 13 and 16 when working or vessels are operating. The City of Philadelphia construction manager may be contacted at 215-275-8066 and A.P. Construction, Inc.'s project foreman may be contacted at 215-651-6278 or 215-783-2262. Mariners should use extreme caution when transiting the area.  

**Delaware River - Interstate 276/Delaware River Turnpike Bridge** – Bridge work on the bridge superstructure will continue to be performed from 7 a.m. to 7 p.m.; M-F; and from 6 a.m. to 6 p.m. on the weekends. The repainting and miscellaneous improvements ongoing since mid-November, 2015, will be extended through July 31, 2019. The project foreman may be contacted at 267-767-2550. Mariners should use caution when navigating through the area.  

**Delaware River - SR 73 (Tacony-Palmyra) Bridge** – Bridge maintenance will be conducted from March 21, 2019, to January 8, 2020, Monday through Saturday, from 7 a.m. to 5 p.m. The maintenance of the bridge will require a vertical clearance restriction of 3 feet in the arched span, between piers D and E, and 4 feet vertical clearance restriction along the remaining sections of the bridge. The project superintendent may be reached at (610) 487-4976. The tug will be monitoring VHF-FM channels 13 and 16. Mariners should use caution when transiting the area.  

**Delaware River - Route 71 (Main Street) Bridge** – Bridge maintenance will be conducted from March 25, 2019, to March 16, 2020, Monday through Saturday, from 7 a.m. to 5 p.m. The bridge maintenance will require a vertical clearance restriction of 3 feet in the arched span, between piers D and E, and 4 feet vertical clearance restriction along the remaining sections of the bridge. The project superintendent may be reached at (609) 647-0630. Mariners should use caution when transiting the area.
Delaware River - SR 73 (Tacony-Palmyra) Bridge – Bridge maintenance will be conducted from 7 a.m. through 3:30 p.m.; Monday-Friday; from May 13, 2019, through August 9, 2019. Two work barges (45-foot crane barge and 35-foot supply barge) and several workboats will be in and around the vicinity of the bridge. The crane barge will be located adjacent to the navigational channel. Maintenance personnel, equipment and vessels will relocate from the moveable span and navigable channel, upon request. Vessels that require the crane barge relocate, should notify the bridge tender no less than 24 hours prior to transiting through the bridge. The bridge tender may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (215) 651-6278. Mariners should use extreme caution navigating through the area. (MT)

Delaware River - SR 419 (Burlington-Brest) Bridge – Bridge will be maintained in the closed-to-navigation position to facilitate bridge maintenance of the bridge lift span. The bridge will be maintained in the closed position 24 hours a day; 7 days a week; from 6 a.m. on June 19, 2019, through 7:59 a.m. on September 17, 2019. During bridge maintenance, work platforms will occupy the bridge span reducing the vertical clearance to approximately 58 feet above mean high water in the closed position and approximately 132 feet above mean high water in the open position. The bridge will open on signal, if two hours prior notification is given. The bridge will not be able to open for emergencies. At all other times the bridge will operate per 33 CFR 117.716 (a). Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. The bridge tender may be reached using VHF-FM channels 13/16. The project foreman may be reached at (267) 767-2850. Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)

**SECTOR MARYLAND-NATIONAL CAPITAL REGION**

- **Maryland**
  - Chesapeake Bay - US 50/US 301 (William P. Lane Jr. Memorial) (Eastern Channel) Westbound Bridge – Bridge maintenance which began in July 2017, has been extended to December 31, 2020; 24 hours a day; 7 days a week. The work will involve the Spans 44-46 (span 45 is the navigational span). A barge and work vessels will be in and around the vicinity of the bridge. A work platform will be attached to the underside of bridge which will reduce the vertical clearance of the bridge span to approximately 56 feet above mean high water. During the maintenance period from March 5, 2019, through May 25, 2019, a work barge will be located near the center of the navigational span, reducing the horizontal clearance of the bridge to approximately 300 feet on either side of the barge. Work vessels may be reached on VHF-FM channel 13. The project foreman may be reached at (717) 490-1699 or 803-535-9995. Mariners should use extreme caution navigating through the area. (MT)
  - Neale Sound - Bridge No. 0803800 (MD-254) Bridge - Construction activities will begin on May 21, 2018, and are expected to conclude on August 31, 2020. Work hours are from 6 a.m. to 6 p.m., Monday through Friday. Detailed project information and information concerning work vessel and construction personnel can be provided to local navigators and mariners by contacting the project superintendent at (410) 215-3579. Mariners should navigate with extreme caution when transiting the areas. (MT)
  - Potomac River - US 301 (Harry W Nice Memorial) Bridge - Underwater inspections will be conducted from October 8, 2018, to June 30, 2019, from 7 a.m. to 4 p.m. A 25ft dive boat will be utilized during the inspections and will be moored to the bridge pier and tender system during dive operations. Mariners should use extreme caution when transiting the areas. (MS)
  - Patapsco River - SR-2 (Hanover Street) Bridge – Bridge is having electrical problems and the center and tail locks are frozen in place. Bridge repairs have commenced and will be ongoing until further notice. The bridge is inoperable and cannot open at this time. The bridge has a vertical clearance of 21 feet above Mean High Water in the closed position. Mariners should exercise caution when transiting the area. (MB)
  - Choptank River - SR 331 (Dover) Drawbridge – Bridge maintenance will be conducted from 7 a.m. to 8 p.m.; 7 days a week; from May 19, 2019, through August 30, 2019. During the bridge maintenance period, the bridge will be maintained in the open position; a work platform will be located in one navigation span at all times. The other navigation span will be open for vessels to transit through the bridge. The bridge has a horizontal clearance of approximately 80 feet in each navigation span. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. Marine personnel and equipment will not be able to relocate from the moveable span and bridge tender equipment. The bridge tender may be reached on VHF-FM channel 13 and 16, and 410-822-0538. The project foreman may be reached at (410) 371-5124. Mariners should exercise caution navigating through the area. (MT)

- **Washington DC**
  - Potomac River - Arlington Memorial Bridge - Major rehabilitation of the Arlington Memorial Bridge commenced in the Potomac River in Washington, DC on or about July 2, 2018, and will continue until November 2020. The initial work consists of pinning a pier barge in place with a steel ramp connecting the barge to the shore on the western shoreline south of the bridge and outside of the federal navigation channel. Construction work will generally be conducted Mondays through Saturdays, between 7 a.m. and 7 p.m., though nighttime work is possible. Marine equipment on site includes a crew boat, push boats, and up to 10 barges at various locations along the length of the bridge with work focused on the center span. On or about July 16, 2018, the project will require the temporary relocation of the federal navigation channel, which currently is located under the center span of the bridge (Arch 5). The temporary channel will be located under the adjacent span to the east (Arch 4), and will be established until the fall of 2020. Navigation channel lighting at the bridge will be in accordance with Coast Guard requirements. Once the temporary channel is established, work will begin to assemble a large work platform, which will completely obstruct the federal navigation channel.Upstream of this platform, a protection system will be deployed, which will comprise of a floating pipe boom on the water surface attached to concrete anchors. All elements will be marked and lighted in accordance with USCG requirements. Mariners are urged to use caution when transiting the area, and operate at the minimum speed necessary to maintain safe course near the work site. Interested parties can contact the work vessel BULLDOG on VHF-FM channel 16 and 13 when actively working on the river, or at telephone number 305-304-6853. The Kiewit bridge construction contractor may be contacted at 813-323-4611. 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. (MS)(RH)
  - Anacostia River - Frederick Douglass Memorial (South Capitol Street) Bridge – Bridge construction commenced in the Anacostia River in Washington, DC on April 19, 2018, and will continue into 2021. The current work consists of building the temporary West Trestle from the western shoreline out to the center of the Federal Channel. A work barge will be stationed in the western/down bound side of the Federal channel during trestle construction and properly lit. The existing western and center tender pier will also be partially demolished, south of the existing bridge. The western half of the Federal Channel is currently closed as demarcated by the white exclusion buoys upstream and downstream of the bridge. The East Trestle is also being constructed, which will extend from the eastern shoreline to the east side of the Federal Channel. Multiple barges and push vessels are supporting this activity. The eastern half of the Federal Channel, east of the center tender pier, will be open for navigation at all times. Construction work will be conducted Mondays through Saturday, between 7 a.m. and 7 p.m., with no pile driving work on Saturday. Marine equipment on site includes a crew boat, a push boat, and multiple deck barges. All
equipment will be marked and lighted as required by U. S. Coast Guard regulations. Mariners are urged to use caution when transiting the area, control wake, and operate at minimum speed necessary to maintain safe course near the work site. Interested mariners may contact the vessels "Ms. Becky" or "Claire Marie" via marine band radio VHF-FM channels 16 and 13 when actively working on the river. (MB)(RH)

**Virginia (Northern) - None**

**Virginia (Southern)**

Lynnhaven Inlet – US 60/John A. Lesner (fixed) Bridge – Work is in progress through August 30, 2019 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. (HF)

Queens Creek - I-64 Bridges - Bridge construction will be conducted from December 3, 2018, to September 24, 2021, Monday-Friday from 7 a.m. to 6 p.m. To facilitate the work, a temporary work trestle and a work barge will be in the vicinity of the navigational channel. A minimum 15-foot wide navigational opening will be maintained in the main navigational channel at all times. The Project Foreman may be reached on VHF-FM Channel 13. Mariners should use caution when transiting the area. (MS)

York River - US 17 (Coleman Memorial) Bridge – Bridge maintenance will be conducted from April 15, 2019, to September 6, 2019. Bridge maintenance will include installation of submarine cable protection panels outside the navigation channel. Mariners should use caution when transiting the area. (MS)

James River - US 17/US 258/SR 32 (James River Bridge) Bridge – Bridge maintenance will be conducted from 7 a.m. to 5 p.m.; Monday-Friday, from 7 a.m. on April 1, 2019, through 5 p.m. on June 30, 2019. A crane barge, work barge, a dive boat with diver, will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the moveable span and navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (757) 817-1338. Mariners should notify the work foreman no less than thirty minutes prior to transiting through the bridge. Mariners should use caution navigating through the area (MT)

Sarah Creek (Northwest Branch) - SR 641 (Tidemill Road) Bridge – Bridge maintenance will be conducted from 7 a.m. to 5 p.m.; Monday-Saturday, from June 1, 2019, through November 30, 2019. During work hours, a work platform and workboat will be in and around the vicinity of the bridge that will reduce the horizontal clearance of the bridge to approximately 39 feet. The bridge will be unrestricted, at all other times. Vessels able to safely transit through the bridge with the reduced clearance, may do so at any time. Vessels that cannot safely transit through the bridge with the reduced clearance should notify the project foreman no less than one hour prior to transiting through the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channels 13 and 16. The project foreman may be reached at (804) 238-1182 or (804) 432-0179. Mariners should use caution navigating through the area. (MT)

**North Carolina**

Gallants (Beaufort) Channel – US 70/Grayden Paul (fixed) Bridge – Work is in progress through 2018 (TBD), for construction of a high-level fixed bridge relocated between Radio Island and Michael J Field in Carteret County, and demolition of the existing bridge. The new high-level fixed bridge has a vertical clearance of 65 feet above mean high water and a horizontal clearance of 100 feet between pile bents. 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. (HP)

Gallants (Beaufort) Channel – US 70/Grayden Paul (fixed) Bridge – Bridge demolition activities will be conducted in the vicinity of the US-70/Grayden Paul (bascul drawbridge), at mile 0.1, over Beaufort (Gallants) Channel at Beaufort NC. Vessels, construction equipment and personnel will be working in the channel from 7 a.m. to 6 p.m., daily, from mid-November 2018, through February 28, 2019. Construction vessels will monitor VHF-FM channels 13 and 86. Mariners should exercise caution when transiting area. (HP)

Oregon Inlet - Herbert C. Bonner Bridge – Construction activities for the replacement bridge will begin on March 7, 2016 and are expected to finish by January 1, 2019. Work will be ongoing 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/loadoing 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 southwest from the shoreline and terminate at approximately 35.766N, 75.526W. 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, 75.527W. 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/. (HP)

Oregon Inlet - Herbert C. Bonner Bridge - During demolition of the old bridge, the designation of navigation spans and placement of bridge lighting will be changed several times, as reflected below, and provided via updated local notice to mariners and broadcast notice to mariners. Phase 2 (Effective April 24, 2019): The navigation spans are between bridge bents 173 and 176 (old bridge, with no superstructure between bridge bents) and bridge bents 20 and 21 (span 21) on the new bridge. The approximate limiting navigation clearances are 70 feet above mean high water (new bridge, span 21) and 169 feet between bridge bents (old bridge between bents 173 and 176). Temporary bridge lighting has been placed between bridge bents 173 and 176 of the old bridge and between bridge bents 20 and 21 (span 21) of the new bridge. Phase 3 (to be announced): The navigation span will be between bridge bents 22 and 23 (span 23) of the new bridge. The adjacent spans of the old bridge will have been removed. The limiting navigation clearances (approximate) will be 70 feet above mean high water and 275 feet between bridge bents. Permanent bridge lighting will be placed between bridge bents 22 and 23 (span 23) of the new bridge. Mariners are advised to use extreme caution when transiting through the bridge, follow the aids to navigation closely and remain at least 500 feet clear of all construction vessels and equipment. Submerged concrete pilings are just below the surface of the water near construction activities. (HP)

Currituck Sound - US 158 (Wright Memorial) Bridge - Maintenance will be conducted from 7 a.m. to 7 p.m.; 7 days a week; from October 3, 2017, through November 1, 2019. A 40 ft. barge, several work boats, several work platforms and a team of divers 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 channels 13 and 16. The project foreman may be reached at (252) 340-2471 or (936) 404-9514. Mariners should notify the work foreman no less than one hour prior to transiting through the bridge and should use caution when navigating the area. (MT)

Atlantic Intracoastal Waterway (Bogue Sound) - SR 1184 (Atlantic Beach Bridge) Bridge – Bridge maintenance, which began October 2018, will continue to be conducted from 7 a.m. to 7 p.m.; Monday-Saturday; through January 31, 2020. A crane barge, material barge, several tugs, several work vessels and platforms, and a snooper truck will be located in the vicinity of the bridge. The snooper truck will be performing concrete repairs outside the navigation span from September 1, 2019, through November 30, 2019, and within the navigation span from

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None
December 1, 2019, through January 31, 2020. During work hours, within the navigation span period from December 1, 2019, through January 31, 2019, the snooper truck will extend below low steel of the bridge approximately five feet, reducing the vertical clearance in the navigation span to approximately 60 feet above mean high water. Vessels that require the snooper truck to clear the navigation span to safely navigate through the bridge should notify the work foreman no less than 30 minutes prior to navigating through the bridge. The tugs, barges, and work vessels and platforms will reduce the horizontal clearance in the navigation span to approximately 50 feet. Vessels that require the tugs, barges, and work vessels and platforms to clear the navigation span to safely navigate through the bridge should notify the work foreman no less than one hour prior to navigating through the bridge. Work vessels may be reached on VHF-FM channel 13. The project foreman may be reached at (571) 287-9269 or (703) 231-8589. Mariners should use extreme caution navigating through the area. (MT)

The Straits - Harkers Island Bridge (SR 1332) - Bridge will remain in the closed-to-navigation position to facilitate bridge repairs due to damage caused by Hurricane Florence. The repairs require the bridge to remain in the closed-to-navigation position. The bridge is a swing bridge with a vertical clearance in the closed-to-navigation position of 14 feet above mean high water. Vessels able to pass through the bridge in the closed position may do so at any time. The bridge will not be able to open in case of an emergency and there is an alternate route for vessels to pass. Mariners should use caution when transiting the area. (MB)

Permits/Construction:

SECTOR DELAWARE BAY

- Delaware – None
- New Jersey (Central & Southern) - None
- Pennsylvania – None

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- Maryland
  Potomac River - Theodore Roosevelt (fixed) Bridge - DDOT is conducting an investigation and assessment of the bridge. 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. (HP)
- Virginia (Northern) – None

SECTOR HAMPTON ROADS

- Virginia (Southern) – None

SECTOR NORTH CAROLINA

- Mid-Currituck Sound (fixed) Bridge – Proposed new fixed structure. (MB)
- Alligator River – US 64 (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. (MT)
SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS
CURRENTLY IN PROGRESS

****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 24 hours a day, 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.

NJ – MANASQUAN INLET TO BARNEGAT INLET – BEACHFILL OPERATIONS
Continuing until 30 Jun 2019 the Dredges R.N.WEEKS, B.E.LINDHOLM and MAGDALEN will be operating 3 miles offshore of Tom’s River South and Seaside Heights Beach, Ocean County, NJ. The dredged material will be transported through a combination of floating and submerged pipeline to the beach fill placement areas. For questions and or additional information contact mtherry@weeksmarine.com or contact Project Manager(s) on-site: Matt Henry (985) 237-5950, mtherry@weeksmarine.com, Site Manager, Ted Tarvin - (856) 217-4509, ttarvin@weeksmarine.com. Ref LNM 34/17
Chart 12324

NJ – LITTLE EGG HARBOR – HORIZONTAL DRILLING
New Jersey Natural Gas Company (NJNG) and CDM Smith Inc. will be installing an underground utility distribution main beneath Little Egg Harbor via horizontal directional drilling (HDD). Construction activities will continue until the summer 2019. The work includes the installation of a 12-inch steel utility distribution main below the Little Egg Harbor via HDD “intersect drill method”. The HDD will be supported by a temporary cofferdam and jack-up barge surrounded by a turbidity curtain situated in the middle of Little Egg Harbor. Floating pipe will extend from the cofferdam on the western side toward Dock Road in Eagleswood Township, Ocean County, NJ. Work vessels may be contacted on channel 16 VHF-FM. For more information or questions, contact Scott Murray at 973-579-4100. LNM 47/18
Chart 12324

PA – NJ – MIFFLIN RANGE – FORT MIFFLIN TERMINAL DOCK – MARINE CONSTRUCTION
Commerce Construction Corporation will be performing marine construction for Energy Transfer Partners at their Fort Mifflin Terminal Dock, located along the Del River in Tinicum Township, PA. All Work will occur outside of the channel in the immediate vicinity of the Energy Transfer Partners Marine Terminal docks. Crews will be on the water from 6:00 AM to 6:00 PM Monday thru Sunday, thru Dec 2020. Multiple barge mounted cranes, support barges and small craft will be near the dock supporting construction activities. Operators of vessels of all types should be aware that men will be working on floating equipment and within the water around the crane barge and docks. A NO WAKE transit is requested. LNM 40/18
Chart 12324

PA – NJ – DELAWARE RIVER – PORT OF PAULSBORO – MARINE CONSTRUCTION
The Paulsboro Marine Terminal will be conducting construction activities along the existing marine wharf. The multi-phase project will involve creation of a new berth on the downriver side of the existing pier. The project will continue through Oct 2021. During construction, there will be multiple tugs, work vessels, material and crane barges in the vicinity of the pier and Mantua Creek. Mariners are urged to use caution when transiting near the area, stay clear of all equipment, and maintain a minimal wake. For questions or concerns contact United States Coast Guard Sector Delaware Bay Waterways. Chart 12312

****MD – CHESAPEAKE BAY – WEST RIVER – MARINE CONSTRUCTION****
Central Marine will be starting the Jack Creek Park Shoreline Stabilization Project in approximate position 38°40′4 N, 76°49′2 W near the entrance to the West River MD. The project is expected to continue until 30 Dec 2019. Work will be conducted 7 days a week during daylight hours. For additional information or questions, contact Charlie Young at Central Marine Construction at 410-320-7030. LNM 30/20
Chart 12270

MD – CHESAPEAKE BAY – POPULAR ISLAND – ONGOING MARINE CONSTRUCTION
Marine construction of the new dredge containment Cell Number 11 on Poplar Island is ongoing. Crews will be building sand and stone berms to expand the island and create a new containment cell for future dredge material. Mariners should avoid the area and if necessary contact the work vessels on VHF-FM channels 13 and 16. Ref LNM 1919
Chart 12206

MD – CHESAPEAKE BAY - COVE POINT TO SANDY POINT - BRIDGE REHABILITATION CONTINUES AT THE WILLIAM P. LANE JR
An engineering firm, on behalf of Maryland Transportation Authority, will be performing maintenance at US 50/US 301 (William P. Lane Jr. Memorial) (eastern channel) westbound bridge, over Chesapeake Bay, mile 138.1, near Stevensville, MD. The maintenance will continue through June 20, 2019; 24 hours a day, 7 days a week. A work platform will be attached to the underside of bridge which will reduce the vertical clearance of the bridge spans by approximately 2 feet. To facilitate the work, a 265 ft wide by 48 ft wide barge is anchored along the north bridge (westbound) at span 46, between bridge piers 45 and 46, outside the eastern channel in approx posit lat 38-59-17.1 n, lon 076-21-20.88 w. The anchored barge has a 4-point mooring system held in place with a cable at each of the four corners of the barge leading to a lighted buoy attached to and marking each anchor. The barge and buoys are marked and lighted IAW USCG regulations. A hanging staircase ladder is installed at this location to provide bridge workers access from the barge. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (910) 228-9181. Ref LNM 39/17
Chart 12270

MD – DC – UPPER POMATOC RIVER – ANACOSTIA RIVER – MARINE CONSTRUCTION OPERATIONS
Construction of the new Frederick Douglass Memorial (South Capitol Street) Bridge across the Anacostia River in Washington, DC continues into 2021. The work is being conducted Mon through Sat, between 7 am and 7 pm., and currently consists of building two structures: 1. The Temporary West Trestle, which extends from the western shoreline to the center of the federal navigation channel and includes new Bridge Pier 1. A work barge will be stationed in the western side of the federal navigation channel during trestle construction. Starting in Nov, the existing center fender pier, south of the existing bridge will be partially demolished. To support active demolition of the center fender, a 28-foot vessel
will be positioned in the navigable channel. Mariners transiting this area are urged to contact the vessel MS. BECKY for passing arrangements. The western half of the federal navigation channel, approximately 150 feet, is currently restricted to navigation. This area is marked with two orange and white marker buoys labeled "Danger" that are placed approximately 85 yards (250 feet) upstream of the bridge.

2. The temporary East Trestle, which extends from the eastern shoreline westward to the eastern limit of the federal navigation channel and includes new Bridge Pier 2. This area is marked with two orange and white information and regulatory marker buoys labeled "Danger" with the standard 'Exclusion' diamond symbol that are placed approximately 85 yards (250 feet) upstream of the bridge. The federal navigation channel east of the center fender pier (eastern half), approximately 150 feet wide, remains available for navigation. Marine equipment on site includes a crew boat, a push boat, and multiple deck barges. Mariners are urged to use extreme caution when transiting the area, and to operate at minimum speed necessary to maintain safe course that minimizes wake. Interested mariners can contact the MS. BECKY or CLAIRE MARIE via VHF-FM channels 13 and 16.

Chart 12289

MD – VA - DC – POTO mac River – COBB ISLAND - ENTRANCE TO THE WICOMICO RIVER – BRIDGE CONSTRUCTION

A construction firm, on behalf of the Maryland DOT, State Highway Administration, is constructing a new bridge to replace Bridge No. 0803800 (MD-254) Bridge across the Neale Sound, at mile 0.6, Cobb Island, Charles County, MD. Construction activities are expected to continue until Aug 2020. Work hours are from 6 a.m. to 6 p.m., Monday through Friday. 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. Marine equipment engaged in bridge construction will include the tug RISING SUN; crane HAMPTON ROAD on a 46-foot by 108-foot barge; pedestal crane PATAPSCO on a 40-foot by 100-foot barge; WS4 a 40-foot by 98-foot crane barge; SC149 a 52-foot by 115-foot deck barge; SC77 a 34-foot by 240-foot car float barge and work boats, jack boats and crew boats. Marine equipment will moor via spuds in Neale Sound during bridge construction and for heavy weather. Mariners may contact vessels and construction personnel via VHF-FM channel 13 and 16. The project superintendent may be contacted at (443) 980-7633 and the project area construction manager may be contacted at (410) 215-3579. LNM 50/18

Chart 12285

MD – BALTIMORE HARBOR – MARINE CONSTRUCTION

Conduit construction installation operations on behalf of CSX Transportation, at the Bear Creek Rail Road Bridge, Bear Creek, Baltimore County Maryland, will commence on or about 15 Jun, 2019 in the vicinity of 39° 14.88’N, 076° 29.477’W. The Construction Barge R-5 (175’ x 43’), will be performing the activities with the assistance of a Tender Tug ARTIE. Vessels will be moored on spuds while working, on standby, and moored. The vessels will monitor VHF channels 13 and 7 during operations. Construction activities will continue on a daily basis until the estimated completion date of 31 Jul. For questions or more information, contact Jim Matters at (410) 320-7534, jMatters@ComanMarine.com

Chart 12281

***DC - UPPER POTOMAC RIVER - GEORGETOWN CHANNEL – BRIDGE REHABILITATION PROJECT****

UPDATED INFORMATION. Major rehabilitation of the Arlington Memorial Bridge will commence in the Potomac River in Washington, DC on or about July 2, 2018 and will continue until November 2020. The initial work consists of pinning a pier barge in place with a steel ramp connecting the barge to the shore on the western shoreline south of the bridge and outside of the federal navigation channel. Construction work will generally be conducted Mondays through Saturdays, between 7 a.m. and 7 p.m., though nighttime work is possible. Marine equipment on site includes a crew boat, push boats, and up to 10 barges at various locations along the length of the bridge with work focused on the center span. On or about July 16, 2018, the project will require the temporary relocation of the federal navigation channel, which currently is located under the center span of the bridge (Arch 5). The temporary channel will be located under the adjacent span to the east (Arch 4), and will be established until the fall of 2020. Navigation channel lighting at the bridge will be in accordance with Coast Guard requirements. Once the temporary channel is established, work will begin to assemble a large work platform, which will completely obstruct the federal navigation channel. Upstream of this platform, a protection system will be deployed, which will be comprised of a floating pipe boom on the water surface attached to concrete anchors. All elements will be marked and lighted in accordance with USCG requirements. Mariners are urged to use caution when transiting the area, and operate at the minimum speed necessary to maintain safe course near the work site. Interested mariners can contact the vessels BULLDOG II and CAPT. JACK via marine band radio VHF-FM channels 13 and 16 when actively working on the river, or at telephone number 305-304-6853. The Kiewit bridge construction contractor can be contacted at 813-323-4611. 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

**VA – CHESAPEAKE BAY - THIMBLE SOAL CHANNEL – DREDGING****

Manson Construction Co. will be conducting dredging operations in Thimble Shoal Channel from Thimble Shoal Lighted Buoy 19 (LLNR 9305) to Thimble Shoal Lighted Buoy 2 (LLNR 9210) beginning 18 Jun and with an expected completion date of 31 Aug 2019. Work will be conducted 24 hours a day, seven days a week. The Dredge GLEN EDWARDS will be on scene and may be contacted on VHF-FM 13, 16 and 66. The dredge material will be transported and disposed of in the Dam Neck Material Management Area (DNMMA). Contact Dave Howard, Operations Manager at 941-315-1010 or Juan Valdez, Asst. Operations Manager at 904-697-6099 for questions or concerns.

Chart 12222

VA – CHESAPEAKE BAY ENTRANCE – CHESAPEAKE BAY BRIDGE TUNNEL – MARINE OPERATIONS

Chesapeake Tunnel Joint Venture will commence Tug, Crane and Barge operations along with the Tug Robert T (or other similar vessel) around the existing Chesapeake Bay Bridge Tunnel protection berms for Island 1 and Island 2 on or about February 11, 2019. Work is expected to last to 2020. This work will not impede the navigational channel. Operators of vessels of all types should be aware that at different times, the crane barge and material barges may be held in place by way of spuds and at other times, it may be held in place by a single, or up to a six point anchoring system. Buoys are attached to the anchors so that the anchors are deployed further out as the crane barge changes positions along the project. All Mariners are cautioned to strictly comply with the Rules of the Road when in the vicinity of the job site and approaching or leaving the area of operations, and maintain a safe distance away from any and all buoys, cables, barges, workboats, and tugs working at the job site. The anchor buoys will be illuminated at night by flashing white lights and the barges will be illuminated by steady white lights on all corners. Work vessels in the area will stand by on VHF-FM channels 13 and 16.

Charts 12222
VA – CHESAPEAKE BAY - CAPE HENRY TO THIMBLE SHOAL LIGHT - BRIDGE CONSTRUCTION

Construction continues on a new bridge to replace the John A. Lesner (US 60) Bridge across the Lynnhaven Inlet in Virginia Beach, VA until Aug 30, 2019. At times, small portions of the channel will be blocked to prevent anyone from passing underneath the portion of the bridge being worked on. Work will be on-going 24-hours per day, seven days a week. Temporary work platforms and other hazards, such as portions of the old bridge, will be lighted with fixed white lights until they are removed from the waterway. The new bridge will have a vertical clearance of 45 ft above MHW and a horizontal clearance of 150 ft between the fenders. Ref LNM 14/17

Chart: 12254

VA – LYNNHAVEN INLET – BROAD AND NARROWS CHANNELS – DREDGING

Cottrell Contracting Corporation of Chesapeake Virginia dredge LEXINGTON will be conducting 24/7 dredging operations within the Lynnhaven Inlet Federal Navigation Channel from 3 Jun until 1 Sep 2019 in multiple locations within the inlet and adjoining waterways. First phase of dredging operations are scheduled to begin in the Turning Basin on or around 3 Jun and continue through 15 Jul. The operation will also include sections along Long Creek during the latter part of this phase. Phase two of dredging will be in the vicinity of the Lynnhaven Inlet seaward of the Lesner Bridge. The dredge and associated equipment is expected to remain in the channel until completion on or around 5 Aug 2019. The final stage of the dredging project will involve working the Narrows in the vicinity of Linkhorn Bay. This work will continue until the project’s anticipated completion date of 1 Sep. Mariners are requested to use extreme caution when transiting in the vicinity of the dredge, buoys, pipelines, barges wires, cables, pipelines, barges, derricks, wires and related equipment. The dredge LEXINGTON monitors VHF channels 13 and 16. All vessels are requested to contact the dredge prior to passing and maintain a safe speed and distance while transiting this area due to numerous areas of shoaling throughout the narrow waterway.

Chart 12205, 12254

***VA – PORTSMOUTH – CRANEY ISLAND – MARINE CONSTRUCTION***

Marine construction of two new breasting dolphins at North Pier D located at the Defense Fuel Supply Point (DFSP), Craney Island, Portsmouth, Virginia will begin June 12, 2019 and last through the end of October. The structure consists of 24 inch square precast, prestressed concrete plumb and batter piles with a 25 feet by 30 feet cast-in-place concrete pile cap for the south breasting dolphin, and a 21.5 feet by 33 feet cast-in-place concrete pile cap for the north breasting dolphin. The breasting dolphins will be constructed with a top elevation of EL +12.00 feet (project datum), which is 12 feet above the mean lower low water level (MLLW) in order to match the existing top of North Pier D elevation. The top of the existing mooring dolphins will remain at their current elevation of +9.00 feet. Mariners are requested to keep a sharp lookout while transiting in the vicinity of the on-site construction barge expected to extend approximately 200 feet off the pier in an eastward direction in support of the project.

Chart 12245

VA – NORTFOLK HARBOR – ELIZABETH RIVER - US NAVY DEGAUSSING RANGE

Precon Marine will be working on the US Navy Degaussing Range which is located at the entrance of the Elizabeth River. Work will include diving operations, crane operations, and cable laying operations. The work will commence on April 29, 2019, and will end on October 31, 2019. We are scheduled to work 7 days a week, and the work hours will be during the daylight hours. The caution area will be from buoys 1ER (LLNR 9445) to Buoy 3 (LLNR 9465). The actual work station will be at 36 degrees 58.916 N, / 76 degrees 19.290 W. Tug Boat on site will be DOTTI J, tug will monitor VHF Channels 13/16. Mariners are requested use a slow bell and wide berth.

Chart 12245

VA - ELIZABETH RIVER - WESTERN BRANCH - I-164 – BRIDGE

Ryan Construction Company has extended the completion date for its fender replacement project on the 1-164/west Norfolk Bridge until June 30, 2019. Mariners are advised the horizontal clearance of the navigable channel will be reduced to approximately 50 feet during construction. The tug CATHERINE and at least two construction barges will be on site and may be contacted on VHF-FM channel 13. For questions or additional information contact the onsite Forman at 757-328-6537 or the Project Manager at 757-879-0854. Mariners should use extreme caution when transiting the area.

Chart 12248

VA - CHESAPEAKE BAY - ELIZABETH RIVER

Crofton Construction Services Inc. will begin a 2-year construction project at Norfolk Naval Shipyard in the vicinity of berths 18 & 19 beginning Monday Dec 3, 2018 and continue until Feb, 2020. Work will consist of pier replacement and repair of existing structures requiring multiple surface assets to include crane barge, material barges, tugs and assist vessels. All equipment will be provided with navigational devices indicating to any potential traffic to stay clear of the barges. Equipment will be spudded down on-site with nighttime navigational lights present. Mariners are advised to maintain a minimal wake zone while transiting within 500 feet of the work site. On-scene vessels can be contacted via VHF-FM channels 13 and 16.

Chart 12253

VA – CHESAPEAKE BAY - BACK RIVER - DREDGING

McLean Contracting Company will be conducting dredging in the Back River, Hampton, VA from 25 Feb to 26 Aug 2019. The vessel SOUTHERN STAR and at least two barges will be in the area. The SOUTHERN STAR may be contacted on VHF-FM channels 16, 13 and 03. 757-272-4918. Contact Scott White at 757-641-2132 for questions or more information. LNM 08/19

Chart 12222

VA – POTOMAC RIVER – DUMFRIES – SHORELINE STABILIZATION – TURBIDITY CURTAIN

In conjunction with the Shoreline Stabilization Project, a Turbidity Curtain will be installed in the Potomac River at Dumfries, VA. The curtain will extend approximately 75 to 100 feet into the Potomac River in approximate position Lat 38.549073, Long -77.274838, to Lat 38.547058, Long -77.276584 and will be lighted every 100 feet. For any questions, contact Jessica Kelly at 757-778-7337.

Chart 12228

VA – VIRGINIA BEACH – HURRICANE PROTECTION PROJECT

Great Lakes Dredge & Dock Company will be working on the Virginia Beach Hurricane Protection Project. This Project includes placing 1,400,000 cubic yards of beach fill along 19. 700 linear feet of beach located at Virginia Beach, VA. Beach fill material will be dredged using hopper dredges and will come from both the Atlantic Ocean Channel Borrow and the Thimble Shoals Borrow. Hopper dredge PADRE ISLAND and DODGE ISLAND, tug BRANGUS, tug VOLUNTEER STATE and crewboat ST. LOUIS will be in the area and may be contacted on VHF-FM channels 5, 13 and 16. The project is expected to last until 1 Dec 19. LNM 24/19.

Chart 12222
**NC – NAGS HEAD BEACH - BEACH RE-NOURISHMENT**
Great Lakes Dredge & Dock Company, LLC (GLDD) for the Town of Nags Head, NC. Dredging will consist of digging from pre-designated borrow areas entitled “Borrow Area 3A” and “Borrow Area 4”. GLDD will be placing the material on Nags Head Beach utilizing various submerged pipelines to pump the material from the dredge on to the beach. The installed submerged pipelines will have flexible floating pipeline attached to a yellow cube at the water’s surface. Dredged material will be transported to the pump out stations by hopper dredges. All pipelines will be marked with flashing yellow lights and orange buoys. For questions concerning this project, please contact Site Manager Bryan Dast at 630-699-9995 or BPDast@gldd.com. LNM 13/19
Chart 12206

**NC – OREGON INLET – BONNER BRIDGE - ARTIFICIAL REEF DEPLOYMENTS**
North Carolina Division of Marine Fisheries will be conducting bridge material deployments at several artificial reefs located offshore of Oregon Inlet. Material will be deployed from a barge and tugboat, which will have limited maneuverability while offloading. Deployments will take 2-3 hours each, and will occur over the next 12 months. For more information, contact Jordan Byrum with the Division’s Artificial Reef Program at 252-808-8036 or at jordan.byrum@ncdenr.gov.

The following artificial reefs will be used.
AR-130 (36° 00.296’N, 75° 31.957’W)
AR-140 (35° 56.718’N, 75° 31.965’W)
AR-145 (35° 54.017’N, 75° 23.883’W)
AR-160 (35° 43.888’N, 75° 26.771’W)
Chart 12204

**NC - OREGON INLET CHANNEL - HERBERT C. BONNER BRIDGE - CONSTRUCTION & REPLACEMENT**
Construction is ongoing until Aug 30, 2019. 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. NCDOT Resident Engineer (252) 473-3637 and PCL Civil Constructors (252) 423-3093. Project information may be found at [http://www.ncdot.gov/projects/bonnerbridgereplace/](http://www.ncdot.gov/projects/bonnerbridgereplace/). Chart 12205

****NC – BEAUFORT INLET – MOREHEAD HARBOR – DREDGING****
Great Lakes Dredge & Dock Company will be conducting maintenance dredging of Morehead City Harbor Cutoff and Range A. This project includes maintenance dredging maintenance dredging of approximately 1,410,000 cubic yards of material in Morehead City Harbor, Range A, and approximately 235,000 cubic yards of material from the Morehead City Harbor Cutoff in the Morehead City Harbor Ocean Bar. Material will be disposed in the Nearshore West Placement Area cells R-5 to R-8 or Nearshore East Placement Area cells R-2, R-3, R-10 and R-11. The dredge ILLINOIS will be conducting the dredging and may be contacted on VHF-FM channels 13 and 16. Dredging will commence on 15 april and run until approximately 12 Sep 2019. Contact Nicholas Williams (630) 247-2256, Nicholas Yancy at (630) 207-3593 for more information.
Chart 11546

**NC – PAMLICO SOUND – OUTER BANKS – US 12 - BRIDGE CONSTRUCTION**
Construction will take place on the new US-12 Bypass Bridge (also known as Jug Handle) from Jan 2019 through May 2021 on the Outer Banks of NC. This bridge extends approximately 2.5 from the southern end of the Pea Island National Wildlife Refuge over the Pamlico Sound into Rodanthe. The air draft along the new bridge during construction will be restricted to 14 feet. [https://www.ncdot.gov/projects/nc-12-rodanthe/Pages/default.aspx](https://www.ncdot.gov/projects/nc-12-rodanthe/Pages/default.aspx)
Chart 12204

**NC – CAROLINA BEACH INLET – DREDGING**
Dredging is complete. Demobilization will occur until approximately 15 Jul 2019.
Chart 11534

**NC – CAPE FEAR RIVER – PORT OF WILMINGTON – CONSTRUCTION**
Construction crews will be working on the waterfront at the State Port in Wilmington, NC from April through December 2019. Workers and equipment may be present on or near the water from 7 AM to 5:30 PM daily at Berth 7 near approximate position 34°11'43"N 77°57'20"W. Mariners are requested to transit at no wake speeds in this area during work hours.
Chart 11537
SUMMARY OF MARINE EVENTS AND FIREWORKS DISPLAYS
IN THE FIFTH COAST GUARD DISTRICT

NJ – ATLANTIC OCEAN – POINT PLEASANT BEACH WEEKLY FIREWORKS DISPLAY
The Jenkinsk’s Boardwalk fireworks display series is scheduled for each Thursday between 9:30 P.M. from June 20, 2019 to August 29, 2019. Displays will also occur on two additional dates: September 2 and September 21, 2019. The display discharge site will be on the beach adjacent to the boardwalk in Point Pleasant Beach, NJ. Displays will start gradually earlier throughout the season with the final displays starting at approximately 8:45 P.M. Absent specific guidance, should remain 100 yards from the fireworks discharge barge. For comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814. Chart 12316

NJ– LITTLE EGG HARBOR – BEACH HAVEN – FANTASY ISLAND FIREWORKS SERIES SAFETY ZONE
An aerial fireworks display is scheduled to occur on the Little Egg Harbor adjacent to Beach Haven, NJ beginning at 8:30 P.M. on the following dates in 2019:
- June 1
- June 7
- July 20
- July 27

A safety zone will be in effect for the duration of the displays to include all navigable waters with a 100 yard radius of the fireworks barge located at approximate position latitude 39°34’09.32”N., longitude 74°14’31.67”W. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Captain of the Port or designated Coast Guard patrol personnel on scene. Mariners may contact official patrol personnel on scene via marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814. Chart 12316

****NJ – LITTLE EGG HARBOR/BARNEGAT BAY – JORA RACING SERIES****
The Jersey Outlaws Racing Association racing season will occur in the on the waters of Little Egg Harbor and Barnegat Bay on the dates listed below. All racing will begin at noon and end at 4:00PM. Race courses will be oval-shaped approximately ¼ mile long. Sponsor-provided safety and dive boats will be on-scene monitoring VHF Channel 11. Mariners are urged to use caution when transiting near the area, reduce speed to minimize wake, and heed direction of official event patrol.

| JULY 7, | Tuckerton – End of Green Street |
| JULY 21 | Parkertown – End of Fern Street |
| JULY 28 | Tuckerton – End of Green Street |
| AUGUST 4 | Parkertown – End of Fern Street |
| AUGUST 18 | Tuckerton – End of Green Street |
| AUGUST 25 | Parkertown – End of Fern Street |
| SEPTEMBER 1 | Parkertown – End of Fern Street |
| SEPTEMBER 8 | Tuckerton – End of Green Street |
| SEPTEMBER 15 (Rain Date) | Tuckerton – End of Green Street |

For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814. Chart 12324, 12316

NJ – ATLANTIC OCEAN – ATLANTIC CITY – WEEKLY FIREWORKS DISPLAY
The Tropicana Hotel and Casino Resorts fireworks display series is scheduled for each Saturday at 10:00 PM from May 25, 2019 to Sep 7, 2019. The display barge will be located on the waters of the Atlantic Ocean adjacent to the boardwalk in Atlantic City, NJ. Mariners are urged to use caution when transiting the area, and absent specific guidance, should remain 100 yards from the fireworks discharge barge. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814. Chart 12316

****NJ – GREAT EGG HARBOR BAY – OCEAN CITY NIGHT IN VENICE PARADE AND FIREWORKS DISPLAY – SAFETY ZONE****
The Ocean City Night in Venice boat parade and fireworks display will occur on Great Egg Harbor Bay adjacent to Ocean City, NJ on July 13, 2019. The boat parade will begin staging at approximately 6 p.m. with the parade beginning at 7 p.m. and concluding at approximately 9:30 p.m. Mariners are urged to use caution and reduce wake when transiting the area and heed direction of official event patrol. A fireworks display will take place after the parade. Fireworks launch site will be onboard a barge at approximate position latitude 39°17’23.65” N., longitude 74°34’31.29” W. A safety zone will be in effect for the duration of the display to include all navigable waters within a 600 foot radius of the launch site. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by official event patrol. Mariners may contact official patrol personnel on scene via marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814. Chart 12316

****PA – NJ - DE – SECTOR DELAWARE BAY – FIREWORKS DISPLAYS****
Schedule of upcoming aerial fireworks displays within Sector Delaware Bay Captain of Port Zone. Mariners are urged to use caution when transiting the areas and reminded to heed directions of patrolling law enforcement and public safety officials. Vessels may not enter, remain in, or transit through the safety zones during the enforcement period unless authorized by the Captain of the Port or designated Coast Guard patrol personnel on scene. Mariners may contact official patrol personnel on scene via marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Lat/Long</th>
<th>Time</th>
<th>Safety Zone</th>
<th>Discharge Site</th>
<th>Chart#</th>
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<tbody>
<tr>
<td>June</td>
<td>Atlantic Ocean; Atlantic City,</td>
<td>39°21’13.88”N</td>
<td>9:45PM-</td>
<td>*</td>
<td>Barge</td>
<td>12316</td>
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### Safety Zones for Fireworks Displays

<table>
<thead>
<tr>
<th>Date</th>
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<th>Fireworks Barge</th>
<th>Time</th>
<th>Distance</th>
<th>Notes</th>
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<td>June 29</td>
<td>Delaware River; Essington, PA; Governor Printz Park</td>
<td>39°51'29.28&quot;N 75°18'25.52&quot;W</td>
<td>9:00PM-9:30PM</td>
<td>500yds</td>
<td>Barge</td>
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<tr>
<td>June 29</td>
<td>Delaware River; Philadelphia, PA; Penn's Landing</td>
<td>39°56'49.66&quot;N 75°08'11.69&quot;W</td>
<td>9:30PM-9:45PM</td>
<td>Barge</td>
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<tr>
<td>July 1</td>
<td>Delaware River; Philadelphia, PA; Penn's Landing</td>
<td>39°56'49.66&quot;N 75°08'11.69&quot;W</td>
<td>9:15PM-9:50PM</td>
<td>Barge</td>
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<tr>
<td>July 3</td>
<td>Barnegat Bay; Barnegat Township, Waretown, NJ</td>
<td>39°44'47.72&quot;N 74°11'25.44&quot;W</td>
<td>9:00PM-10:00PM</td>
<td>Barge</td>
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<tr>
<td>July 3</td>
<td>Delaware Bay; Lower Township, North Cape May, NJ</td>
<td>38°58'25.84&quot;N 74°57'58.22&quot;W</td>
<td>9:15PM-10:15PM</td>
<td>Barge</td>
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<td>July 4</td>
<td>Atlantic Ocean; Ocean City, NJ; Music Pier</td>
<td>39°16'22.39&quot;N 74°34'03.83&quot;W</td>
<td>9:30-10:30PM</td>
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<td>Atlantic Ocean; Cape May, NJ; Congress Hall</td>
<td>38°55'34.82&quot;N 74°55'23.23&quot;W</td>
<td>9:15PM-10:15PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 4</td>
<td>Atlantic Ocean; Avalon, NJ</td>
<td>39°06'17.90&quot;N 74°42'03.65&quot;W</td>
<td>8:45PM-9:30PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 4</td>
<td>Atlantic Ocean; Sea Isle City, NJ</td>
<td>39°08'49.50&quot;N 74°41'25.10&quot;W</td>
<td>9:15PM-10:15PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 4</td>
<td>Atlantic City, NJ; Hard Rock Hotel</td>
<td>39°21'13.88&quot;N 74°24'58.47&quot;W</td>
<td>10:00PM-10:30PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 4</td>
<td>Atlantic Ocean, Stone Harbor, NJ</td>
<td>39°02'57.5&quot;N 74°45'01.0&quot;W</td>
<td>9:00PM-10:30PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 4</td>
<td>Delaware River; Camden, NJ</td>
<td>39°56'37.05&quot;N 75°08'08.97&quot;W</td>
<td>9:00PM-10:30PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 4</td>
<td>Metedeconk River; Brick, NJ</td>
<td>40°03'21.1&quot;N 74°06'43&quot;W</td>
<td>10:00PM-11:00PM</td>
<td>Land</td>
<td></td>
</tr>
<tr>
<td>July 4</td>
<td>Delaware Bay; Lewes, DE</td>
<td>38°47'13&quot;N 75°07'47&quot;W</td>
<td>9:00PM-10:00PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 4</td>
<td>Delaware River; Townsend, Philadelphia, PA</td>
<td>40°02'22.54&quot;N 74°59'22.03&quot;W</td>
<td>9:15PM-10:00PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 5</td>
<td>Atlantic City, NJ; Hard Rock Hotel</td>
<td>39°21'13.88&quot;N 74°24'58.47&quot;W</td>
<td>10:00PM-10:30PM</td>
<td>Barge</td>
<td></td>
</tr>
<tr>
<td>July 6</td>
<td>Delaware River, Chester, PA</td>
<td>39°49'43.4&quot;N 75°22'38.0&quot;W</td>
<td>9:30PM-10:30PM</td>
<td>800ft</td>
<td>Barge</td>
</tr>
<tr>
<td>July 7</td>
<td>Barnegat Bay, Lavallette, NJ</td>
<td>39°58'15&quot;N 74°04'26&quot;W</td>
<td>8:00PM-9:30PM</td>
<td>Land</td>
<td></td>
</tr>
</tbody>
</table>

*Absent specific guidance, persons and vessels should remain a safe distance from discharge sites. If you have any questions regarding the contents of this bulletin, please contact the Waterways Management staff at (215) 271-4814 or the Situation Unit Controller at (215) 271-4807.

### **PA - NJ – DELAWARE RIVER – PETTY’S ISLAND – CAMDEN – PADDLE FOR PROMISE****

The Paddle for Promise 2019 will occur on the Delaware River in the vicinity of Camden, NJ on June 22, 2019 from 7:00 a.m. to 2:00 p.m. The event will involve approximately 100 participants in various sized canoes and kayaks. Paddle trip will circumnavigate Petty’s Island beginning and ending at Pyne Poynt Park. Paddlers will be supported with sponsor provided chase boats equipped with marine radios and monitoring vessel traffic. Mariners are urged to use caution when transiting near the area. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

### **MD - VA - DC – MARYLAND SEACOAST - CHESAPEAKE BAY AND POTOMAC RIVER - SAFETY ZONES FOR FIREWORKS DISPLAYS****

Safety zones will be established for fireworks displays planned within the Coast Guard Captain of the Port Maryland-National Capitol Region Zone during the 2019 Independence Day holiday period as follows:

1. **Potomac River, Prince William County, VA**, within a 200 yard radius of the fireworks barge at position latitude 38°34'07.97" N, longitude 77°15'37.39" W, located near Cherry Hill, VA. This safety zone will be enforced on June 29, 2019, from 8:30 p.m. to 11 p.m. (no rain date) for a fireworks display scheduled at 9:30 p.m.

2. **Chester River, Kent Island Narrows, MD**, within a 300 yard radius of the fireworks launch site at approximate position latitude 38°58'45.84" N, longitude 76°14'54.05" W, located on shore at Ferry Point Park on July 2, 2019, from 8:30 p.m. to 11 p.m. (rain date July 3, 2019) for a display scheduled at 9:30 p.m.

3. **Northeast River, North East, MD**, within a 300-yard radius of the fireworks barge at approximate position latitude 39°35'26.3" N, longitude 75°57'04.9" W, located near the North East Community Park, at North East, MD. This safety zone will be enforced on July 3, 2019, from 8 p.m. to 10:30 p.m. (rain date August 4, 2019) for a fireworks display scheduled at 9:15 p.m.

4. **Severn River, Sherwood Forest, MD**, within a 150 yard radius of the fireworks discharge site at approximate position latitude 39°01'54.0" N, longitude 76°32'41.8" W, located at the end of the Sherwood Forest Club’s Main Pier, at Sherwood Forest, MD. This safety zone will be enforced on July 3, 2019, from 8:30 p.m. to 10:30 p.m. (rain date July 5, 2019) for a display scheduled at 9:20 p.m.

5. **Chesapeake Bay, Chesapeake Beach, MD**, within a 200 yard radius of the fireworks barge at approximate position latitude 38°41'36" N, longitude 76°31'30" W, and within a 200 yard radius of the fireworks barge in approximate position latitude 38°41'28" N, longitude 76°31'29" W.
located at Chesapeake Beach, MD. This safety zone will be enforced on **July 3, 2019**, from 8 p.m. to 10:30 p.m. (rain date July 5, 2019) for a fireworks display scheduled at approximately 9 p.m.

Chart 12263.

6. **Tred Avon River, Oxford, MD**, within a 150-yard radius of the fireworks barge at approximate position latitude 38°41'38.84" N, longitude 076°10'48.41" W, located northwest of the waterfront at Oxford, MD. This safety zone will be enforced on **July 3, 2019** from 8:30 p.m. to 11 p.m. (rain date July 5, 2019) for a fireworks display scheduled at 9:30 p.m.

Chart 12266.

7. **Anacostia River, Washington, DC**, within a 150 yard radius of the fireworks barge located at position latitude 38°52'12.71" N, longitude 077°00'14.08" W, located near the Washington Nationals Ball Park. This safety zone will be enforced on **July 3, 2019**, from 8 p.m. to 10:30 p.m. (no rain date) for a fireworks display scheduled at the conclusion of evening MLB game (approximately 9:15 p.m.), with scheduled game start at 6:05 p.m.

Chart 12289.

8. **Baltimore Inner Harbor, Patapsco River, MD**, within a 100 yard radius of a fireworks barge at approximate position latitude 39°17'04" N, longitude 076°36'36" W, located in Baltimore Inner Harbor, approximately 125 yards southeast of pier 1; and **Baltimore Harbor, Baltimore Inner Harbor, MD**, within a 260 yard radius of a fireworks barge at approximate position latitude 39°16'36.7" N, longitude 076°35'35.8" W, located northwest of the Domino Sugar refinery wharf at Baltimore, MD. These safety zones will be enforced on **July 4, 2019**, from 8:30 p.m. to 11 p.m. (rain date July 5, 2019) for a fireworks display scheduled at 9:30 p.m.

Chart 12281.

9. **Severn River and Spa Creek, Annapolis, MD**, within a 300 yard radius of the fireworks barge at approximate position latitude 38°58'43.06" N, longitude 076°28'10.50" W, located near the entrance to Spa Creek at Annapolis, MD. This safety zone will be enforced on **July 4, 2019**, from 8 p.m. to 10:30 p.m. (rain date July 5, 2019) for a fireworks display scheduled at 9:15 p.m.

Chart 12266.

10. **Choptank River, Cambridge, MD**, within a 300-yard radius of the fireworks launch site at position latitude 38°35'05" N, longitude 076°04'40" W, located at Great Marsh Point, Cambridge, MD. This safety zone will be enforced on **July 4, 2019** from 8 p.m. to 10:30 p.m. (rain date July 5, 2019) for a fireworks display scheduled at 9:15 p.m.

Chart 12266.

11. **Patuxent River, Calvert County, MD**, within a 200 yard radius of the fireworks barge at position latitude 38°19'18" N, longitude 076°27'45" W, located approximately 800 feet from shore at Solomons Island, MD. This safety zone will be enforced on **July 4, 2019**, from 8 p.m. to 10:30 p.m. (rain date July 5, 2019) for a fireworks display scheduled at 9:15 p.m.

Chart 12224.

12. **Assawoman Bay, Fenwick Island, Ocean City, MD**, within a 360 yard radius of the fireworks launch site at approximate position latitude 38°25'54.72" N, longitude 075°03'53.11" W, located on the pier at the west end of Northside Park. This safety zone will be enforced on **July 4, 2019**, from 9 p.m. to 11 p.m. (rain date July 5, 2019) for a fireworks display scheduled at 9:30 p.m.

Chart 12211.

13. **Isle of Wight Bay, Ocean City, MD**, within a 200 yard radius of the fireworks barge at approximate position latitude 38°22'310" N, longitude 075°04'30" W. This safety zone will be enforced on **July 4, 2019**, from 8:30 p.m. to 10:30 p.m. (rain date July 5, 2019) for a fireworks display scheduled at 9:30 p.m.

Chart 12211.

14. **North Atlantic Ocean, Ocean City, MD**, in an area bound by the following points: Latitude 38°19'39.9" N, longitude 075°05'03.2" W; thence to latitude 38°19'36.7" N, longitude 075°04'53.5" W; thence to latitude 38°19'45.6" N, longitude 075°04'49.3" W; thence to latitude 38°19'49.1" N, longitude 075°05'00.5" W; thence to point of origin. The size of the safety zone extends approximately 300 yards offshore from the fireworks launch area located at the high water mark on the beach. This safety zone will be enforced on **July 4, 2019**, from 9 p.m. to 11 p.m. (rain date July 5, 2019) for a fireworks display scheduled at 9:30 p.m.

Chart 12211.

15. **Susquehanna River, Havre de Grace, MD**, within 200 yards of the fireworks barge at approximate position latitude 39°32'19" N, longitude 076°04'58.3" W, located approximately 300 yards southeast of Concord Point. This safety zone will be enforced on **July 6, 2019**, from 8 p.m. to 10:30 p.m. (rain date July 7, 2019) for a fireworks display scheduled at approximately 9:15 p.m.

Chart 12274.

16. **Middle River, Baltimore County, MD**, within 200 yards of the fireworks barge at approximate position latitude 39°18'25" N, longitude 076°24'27" W, located approximately 300 yards southeast of Wilson Point. This safety zone will be enforced on **July 6, 2019**, from 8 p.m. to 10:30 p.m. (rain date July 7, 2019) for a fireworks display scheduled at 9:15 p.m.

Chart 12274.

17. **Upper Potomac River, Alexandria Channel, Washington, DC**, within a 300-yard radius of the fireworks barge at approximate position latitude 38°48'38" N, longitude 077°01'56" W, located east of Oronoco Bay Park at Alexandria, VA. This safety zone will be enforced on **July 13, 2019**, from 8 p.m. to 11 p.m. (rain date July 14, 2019) for a fireworks display scheduled at approximately 9:30 p.m.

Chart 12289.

Fireworks barges and launch sites on land for fireworks safety zones described in the Table to Title 33 Code of Federal Regulations Section 100.506 will have signs labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the safety zone will be enforced. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port (COTP) or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the COTP or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed. Other Federal, State and local agencies may assist these personnel in the enforcement of the safety zone. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

**DC - MD - VA - CHESAPEAKE BAY AND MARYLAND SEA COAST AND THEIR TRIBUTARIES – FIREWORKS DISPLAYS**

Notices were received for fireworks displays scheduled to occur on or near navigable waters within the Coast Guard Captain of the Port Maryland-National Capital Region Zone during the 2019 Independence Day holiday period as follows:

18. **Patuxent River, Golden Beach, MD**, mariners are urged to remain at least 350 feet from the fireworks discharge site at approximate position latitude 38°29'30.70" N, longitude 076°40'14.04 W, located on shore at Long Point, on **June 29, 2019** (rain date June 30, 2019) for a display scheduled at approx. 9 p.m.

Chart 12264.

19. **Herring Bay, Rose Haven, MD**, mariners are urged to remain at least 420 feet from the fireworks discharge site at approximate position latitude 38°43'46.2" N, longitude 076°32'26.6" W, located on the south jetty at Herrington Harbour South Marina on **July 3, 2019** (rain date August 30, 2019) for a display scheduled at 9:30 p.m.

Chart 12266.
20. Chesapeake Bay, Gibson Island, MD, mariners are urged to remain at least 420 feet from the fireworks discharge barge on the Chesapeake Bay, at approximate position latitude 39°04'36.75" N, longitude 076°24'54.74" W, located approximately 600 yards east of the Gibson Island Club on July 4, 2019 (rain date July 5, 2019) for a display scheduled at approximately 9:15 p.m. Chart 12278.

21. Bohemia River, Chesapeake City, MD, mariners are urged to remain at least 420 feet from the fireworks launch site at approximate position latitude 39°28'04.63" N, longitude 075°52'06.74" W, located at the end of a dock at Bohemia Manor Farm on July 4, 2019 (rain date July 6, 2019) for a display scheduled at 5 p.m. Chart 12274.

22. Potomac River, Mount Vernon, VA, mariners are urged to remain at least 560 feet from the fireworks discharge barge on the Potomac River, at approximate position latitude 38°44'22.35" N, longitude 077°04'59.54" W, located at the entrance to Little Hunting Creek on July 4, 2019 (no rain date) for a daytime display scheduled at 1 p.m. Chart 12289.

23. Potomac River, Colonial Beach, VA, mariners are urged to remain at least 420 feet from the fireworks discharge site at approximate position latitude 38°15'02.77" N, longitude 076°57'34.06 W, located at the end of the Town Pier on July 4, 2019 (rain date July 5, 2019) for a display scheduled at approximately 9 p.m. Chart 12286.

24. St. Mary's River, St. Mary's City, MD, mariners are urged to remain at least 500 feet from the fireworks discharge site in approximate position latitude 38°11'39.69" N, longitude 076°25'47.02 W, located on a private pier on July 5, 2019 (rain date July 6, 2019) for a display scheduled at 9:15 p.m. Chart 12233.

25. Fairlee Creek, Chestertown, MD, mariners are urged to remain at least 420 feet from the fireworks discharge site in approximate position latitude 39°16'05.4" N, longitude 076°12'26.0" W, located on shore at Shell Point on July 6, 2019 (rain date August 31, 2019) for a display scheduled at 9:30 p.m. Chart 12274.

26. Upper Chesapeake Bay, Tolchester Beach, MD, mariners are urged to remain at least 400 feet from the fireworks launch site at approximate position latitude 39°12'54.41" N, longitude 076°14'56.07" W, located on the Tolchester Marina pier on July 6, 2019 (rain date August 31, 2019) for a display scheduled at approximately 9 p.m. Chart 12278.

27. Nanticoke River, Nanticoke, MD, mariners are urged to remain at least 210 feet from the fireworks discharge site at the end of a pier at approximate position latitude 38°15'43.0" N, longitude 075°54'56.0" W, located at the Roaring Point Waterfront Campground on June 7, 2019 (no rain date) for a fireworks display scheduled at 9 p.m. Chart 12261.

28. Somers Cove, Crisfield, MD, mariners are urged to remain at least 100 yards from the fireworks discharge site at approximate position latitude 37°58'34.0" N, longitude 075°51'40.0" W, located on shore at Jersey Island on July 6, 2019 (rain date of July 7, 2019) for a display scheduled at 9 p.m. Chart 12231.

Mariners are urged to transit these areas with caution, to keep a sharp lookout for other watercraft in these areas, and are reminded to heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 300 yards from any fireworks discharge not listed above. 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.

**** MD - SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE ISLAND - OCEAN CITY – SURFING EVENT****
A surfing competition is scheduled to occur along the North Atlantic Ocean at Ocean City, MD, during June 21-23, 2019, between 5:30 p.m. and 8:30 p.m. each day. The evening surfing event consists of athletes competing in waters located along the beach, between the Ocean City fishing pier (approximate position latitude 38°19′37″ N, longitude 075°04′59″ W) and the Ocean City Inlet north jetty (approximate position latitude 38°19′27″ N, longitude 075°04′23″ W) and the Ocean City Inlet south jetty (approximate position latitude 38°19′43″ N, longitude 075°04′23″ W) and the Ocean City Inlet south jetty (approximate position latitude 38°19′43″ N, longitude 075°04′23″ W) and the Ocean City Inlet south jetty (approximate position latitude 38°19′43″ N, longitude 075°04′23″ W) and the Ocean City Inlet south jetty (approximate position latitude 38°19′43″ N, longitude 075°04′23″ W). For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

**** MD - SEACOAST - FENWICK ISLAND TO CHINCOTEAGE ISLAND – ASSAWOMAN BAY - OCEAN CITY – WEEKLY FIREWORKS DISPLAYS****
Short-duration, aerial fireworks displays are scheduled to occur along Assawoman Bay weekly between June 16, 2019 and August 26, 2019, at 9:30 p.m. On Sundays during this period, fireworks will be launched from the pier at the west end of Northside Park in Ocean City, MD, in approximate position latitude 38°25′55.15″ N, longitude 075°03′50.51″ W. Mariners are urged to use caution when transiting the area, and absent specific guidance, should remain 400 feet from the fireworks discharge site. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division at (410) 576-2674 or (410) 576-2693.

****MD – CHESAPEAKE BAY – CHOPTANK RIVER – TRED AVON RIVER – PADDLE EVENT****
An annual paddling event is scheduled to occur in the Tred Avon River on June 15, 2019, from 5 p.m. to 7:30 p.m. Approximately 300 canoes, kayaks and paddleboards (7 to 23 feet in length) will be operated along a designated 6-mile course in the upper portion of the Tred Avon River that starts at Easton Point Marina and proceeds along the river's shoreline to stops in North Fork, Dixon Creek, Shipshape Creek, Jacks Creek and Easton Point, before returning to Easton Point Marina at Easton, MD. Participants will be supported by a sponsor-provided motorized watercraft located at each of the five locations. Paddlers will remain outside the navigation channel, but at times, will paddle across the mouths of tributaries. Mariners are urged to use caution when transiting the event area, remain alert for paddlers and their support craft, and reduce speed as necessary to maintain safe course while passing participants. 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 12266

****MD – CHESAPEAKE BAY – SOUTH RIVER – KAYAK RACE****
An annual kayak race is scheduled to occur in the South River on July 7, 2019, from 8 a.m. to 9:30 a.m. As part of a triathlon, participants in 15-foot kayaks will compete against a marked, triangular-shaped course located adjacent to the Hillsmere Shores Community Beach at Annapolis, MD, near at mouth of the South River. Additional information on the “METAvivor Adventure Race” is available at www.active.com. Mariners are urged to use caution when transiting the event area, remain alert for paddlers and their support craft, and reduce speed as necessary to maintain safe course while passing participants. 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 12283
***MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – SAILING REGATTA***

An annual sailing regatta is scheduled to occur on the Upper Chesapeake Bay during June 29-30, 2019, between 10 a.m. and 5 p.m. on both days. Up to 40 sailboats (25 to 45 ft in length) will compete along designated courses that are located between Pooles Island and the Craighill Channel Range Front Light (LLNR 8040). On Saturday, a single distance race is expected to start in the vicinity of Seven Foot Knoll and finish in Middle River. On Sunday, two windward/leeward races will be conducted starting near the mouth of Middle River. Interested mariners can contact the Glenmar Sailing Association (GSA) race committee via marine band radio VHF-FM channel 16 or 72. Additional event information is available at the GSA website www.glenmarsailing.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 12273

MD – CHESAPEAKE BAY – SEVERN RIVER - SAILING REGATTA WEEKLY SERIES

A sailboat racing weekly series is scheduled to occur in the Severn River each Thursday evening from May 9, 2019 through August 29, 2019, between 6:30 p.m. and 9:30 p.m. Up to 80 participants (small keel sailboats, 22-26 foot in length) will race in heats along a course located between the mouth of the Severn River and the Severn River Middle Ground Anchorage. Mariners are urged to use caution and remain alert for other watercraft when transiting the area, proceed at the minimum speed necessary to maintain a safe course that minimizes wake while operating near the race course, and heed the directions of official patrol vessels, which can be contacted on marine band radio VHF-FM channel 16. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region at (410) 576-2674 or (410) 576-2693.

Charts 12270, 12282

***MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT AND SEVERN RIVER – SAILING REGATTA***

A sailing regatta is scheduled to occur in the Chesapeake Bay near the mouth of the Severn River on June 22, 2019, between 10 a.m. and 5 p.m. both days. Up to 30 sail vessels (18-26 feet in length) will compete in a series of races on marked courses within two designated race areas located in the Chesapeake Bay, (1) between Tolly Point and Thomas Point, and (2) between Hackett Point and Tolly Point. Races will start at or after 11 a.m. Participants will be supported by sponsor-provided safety boats. EYC race committee can be contacted via marine band radio VHF-FM channels 16, 05, 09 and 73. Information on the One Design Classic can be obtained at the Eastport Yacht Club (EYC) website http://eastportyc.org/. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region at (410) 576-2674 or (410) 576-2693.

Charts 12270, 12263

***MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – CHESAPEAKE CHANNEL – OVERNIGHT DISTANCE SAILING RACE***

An annual overnight distance sailing race is scheduled to occur in the Chesapeake Bay and Severn River during July 13-14, 2019. Up to 70 competing sailboats (25 to 50 feet in length) of different classes will start on Saturday at approx 6:45 p.m. at the mouth of the Severn River near Annapolis, MD, proceed southward along the eastern side of the Chesapeake Bay toward Pooles Island, MD, then turn-around and proceed northward along the western side of the Chesapeake Bay toward the William P. Lane (US-50/301) Memorial Bridges, to finish in the Severn River. The Eastport Yacht Club Race Committee aboard the pin-end boat can be contacted via marine band radio VHF-FM channels 16, 09, 13 and 73. Additional information is available at website http://eastportyc.org/beer-cans. For any questions, contact Coast Guard Sector MD-NCR Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

Charts 12270, 12282, 12283

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

The Annapolis Yacht Club (AYC) will conduct annual sailing regattas in the Severn River and the Chesapeake Bay, near the mouth of the Severn River, between 10 a.m. and 8 p.m. AYC events with competing sailing vessels are scheduled on the following dates in 2019: (8) July 2 (Junior Annual Regatta - 100 participants, 8 to 15 feet in length); (9) July 27-28 (Annual Regatta - 45 participants, 24 to 50 feet in length); (10) August 23-25 (Corinthian Cup - 4 participants, 22 feet in length); (11) August 31-September 1 (Annapolis Labor Day Regatta - 150 participants, 22 to 50 feet in length); (12) September 13-15 (Annapolis YC 3-2-1 Invitational - 8 to 10 participants, 20 to 30 feet in length); (13) September 20-22 (J/30 North Americans - 17 participants, 30 feet in length); (14) September 21 (Fall Race to Solomons - 30 participants, 30 to 50 feet in length); (15) September 28-29 (Fall Series Weekend 1 - 30 participants, 22 to 34 feet in length); (16) October 5-6 (Fall Series Weekend 2 - 30 participants, 30 to 50 feet in length); (17) October 12 (Fall Series Race Course - 25 participants, 20 to 28 feet in length); (18) October 15-18 (Warrior Sailing Project - 8 participants, 22 feet in length); (19) October 19-20 (Eschells ACC - Lippscott - 30 participants, 23 & 31 feet in length); (20) October 26-27 (Halloween Howl! - 45 participants, 26 feet in length); (21) October 26-27 (J/70 & J/30 Fall Championships - 25 participants, 35 feet in length); and (22) November 3-December 8 (Frostbite Series - 1st Half - 80 participants, 22 to 45 feet in length). Additional information http://www.annapolisymc.com/racing/regattas. The AYC Race Committee can be contacted via VHF-FM and at http://www.annapolisymc.com/racing/contacts. For any comments or questions, contact Coast Guard Sector MD-NCR, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

Charts 12270, 12282, 12283

***MD – CHESAPEAKE BAY – SEVERN RIVER – SAILING REGATTA SERIES***

An annual sail racing series is scheduled to occur in the Severn River each Friday evening from May 10 through Aug 23, 2019, between 5 p.m. and 9 p.m. Up to 45 auxiliary sailboats (25 to 45 feet in length) will compete in sail races along a designated course located in the Severn River, between the mouth of the Severn River and the entrance to Spa Creek at Annapolis, MD. For additional information visit: www.eastportyc.org/beer-cans. Interested mariners can contact the Eastport Yacht Club Race Committee via marine band radio VHF-FM channel 16 or 73. For any comments or questions, contact Coast Guard Sector MD-NCR, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

Charts 12282, 12283
MD – CHESAPEAKE BAY - BALTIMORE HARBOR – NORTHWEST HARBOR - REGULATED AREA

The annual "Baltimore Dragon Boat Challenge" paddling regatta is scheduled to occur in the Northwest Harbor on June 22, 2019 (rain date June 23, 2019). 22-person teams in 3 to 4 boats (41 feet in length) per racing heat will compete along a marked course with 4 lanes near Tide Point, located between the American Sugar Refining wharf and North Locust Point Marine Terminal Pier 8 in Baltimore, MD. Course markers will be placed up to two hours before the event, with racing from 8 a.m. to 5 p.m., and course markers will be removed up to two hours after the event. As described in the Table to 33 CFR Section 100.501, a regulated area is established for all waters of Patapsco River, Northwest Harbor, in Baltimore, MD, from shoreline to shoreline, both within an area bounded on the east by a line drawn along longitude 076°36’ W and bounded on the west by a line drawn along longitude 076°36’ W. This regulated area will be enforced from 8 a.m. until 5 p.m. on June 22, 2019, and in the case of inclement weather, this marine event may be postponed and the regulated area enforced from 8 a.m. to 5 p.m. on June 23, 2019. The Coast Guard Patrol Commander or designated marine event patrol may forbid and control the movement of all vessels in the regulated area. When hailed or signaled by an official patrol vessel, a vessel in this 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 marine event patrol and Patrol Commander may be contacted on VHF– FM Channel 16. Mariners are urged to schedule their transits on this waterway beyond the enforcement times. 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


An inaugural power boat poker run is scheduled to occur in Baltimore Harbor ans its approaches and the Chesapeake Bay and its tributaries on June 29, 2019, between 9:30 a.m. and 4 p.m. Up to 50 high-performance power boats (30-40 feet in length) will start at Baltimore’s Inner Harbor (Harbor East Marina), travel outbound the Patapsco River and into the Chesapeake Bay to planned stops including Rock Creek entrance, Annapolis Harbor (Ego Alley), Eastern Bay (The Jetty, Grasonville), Tolchester Marina (The Shanty Dock Bar, Chestertown), and finish at Back River (Tiki Lee’s Dock Bar, Sparrows Point). Additional event information on the “Rockin the Harbor” event can be obtained at website https://eventsonthechesapeake.regfox.com. Official patrol vessels 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.

Charts 12274, 12278

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

An annual sailboat racing weekly series is scheduled to continue in Baltimore Harbor each Thursday evening from April 25, 2019 through October 10, 2019, between 5:30 p.m. and 8:30 p.m. Up to 16 sailboats (22-23 feet in length) will compete along a designated race course located in one of three areas in Northwest Harbor: (A) NW of Tide Point and East of Harbor View Tower; (B) NW of Fort McHenry and East of Broadway Pier; (C) Patapsco River North and Fort McHenry; or (D) East of Fort McHenry. Participants will be supported by sponsor-provided motorized launches. Interested mariners may contact the DOWNTOWN SAILING CENTER’s Race Committee on marine band radio VHF-FM Channels 16 and 71. 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

VA - MD - POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGE TOWN – UPPER POTOMAC RIVER - LITTLE HUNTING CREEK – FIREWORKS DISPLAYS

Aerial fireworks displays are scheduled to occur on the Potomac River on June 28, 2019, at 9:30 p.m. and on June 29, 2019, at 9:30 p.m. The alternate date for both events, in the event of inclement weather, is June 30, 2019. Mariners are urged to use caution when transiting the area, and absent specific guidance, reminded to heed the directions of patrolling law enforcement and public safety officials, and absent specific guidance, should remain 500 feet from the fireworks barge located near the grounds of George Washington's Mount Vernon Estate and Gardens, in approximate position latitude 38°42'22.4" N., longitude 077°04'59.5" W., near Little Hunting Creek LB 4 (LLNR 18430). 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 12289

****VA - MD - POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGE TOWN – UPPER POTOMAC RIVER - LITTLE HUNTING CREEK – FIREWORKS DISPLAYS****

Aerial fireworks displays are scheduled to occur on the Potomac River on June 28, 2019, at 9:30 p.m. and on June 29, 2019, at 9:30 p.m. The alternate date for both events, in the event of inclement weather, is June 30, 2019. Mariners are urged to use caution when transiting the area, and absent specific guidance, reminded to heed the directions of patrolling law enforcement and public safety officials, and absent specific guidance, should remain 500 feet from the fireworks barge located near the grounds of George Washington's Mount Vernon Estate and Gardens, in approximate position latitude 38°42'22.4" N., longitude 077°04'59.5" W., near Little Hunting Creek LB 4 (LLNR 18430). 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 12289

****DC – POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGE TOWN – WATERFRONT ARTS FESTIVAL****

In support of the "By The People" arts and dialogue festival scheduled to occur at Washington, DC during June 15-23, 2019, the deck barge SMITH BROTHERS (30 ft x 90 ft) will be used to display lighted artworks during the event. The barge will be positioned using four-point anchor system (manually deployed and recovered) on the Anacostia and Potomac Rivers, anchoring at Georgetown Waterfront (June 15-18), Capitol Riverfront Yard’s Park (June 18-22), and Anacostia Park (June 22-23). The barge will be marked and lighted in accordance with U. S. Coast Guard regulations. Mariners are urged to use caution when transiting these areas, and can contact the Smith Brothers, Inc. tug THREE SISTERS on marine band radio VHF-FM channels 13 and 16.

Chart 12289

VA – CHESAPEAKE BAY – CAPE CHARLES – SUNSET BEACH RESORT – FIREWORKS

Sunset Beach Resort will be sponsoring a Fireworks Display in the vicinity of Cape Charles, VA on July 5, 2019 beginning at 9:00 PM and ending at 10:00 PM. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.

Chart 12224

VA – LOWER CHESAPEAKE BAY – VIRGINIA BEACH – OCEAN PARK AND BAY LAKES PINES FIREWORKS

Ocean Park Civic League and Bay Lake will be sponsoring the Ocean Parks and Bay Lakes Pines Fireworks Display in the lower Chesapeake Bay off of Ocean Park on July 3, 2019 beginning at 9:00 PM and ending at 10:00 PM. Mariners are requested to use caution when transiting the area.

Chart 12248
VA – VIRGINIA BEACH – LINKHORN BAY - CAVALIER GOLF & YACHT CLUB FOURTH OF JULY
The Cavalier Golf and Yacht Club Fourth will be sponsoring a Fourth of July display from a barge located north of the clubhouse in Virginia Beach, VA on July 4, 2019 beginning at 9:00 PM and ending at 9:30 PM. Mariners are requested to use caution when transiting the area.
Chart 12207

VA – LOWER CHESAPEAKE BAY – OCEAN VIEW BEACH PARK – FIREWORKS
Norfolk Festevents Ltd. will be sponsoring a Fireworks Display in the vicinity of Ocean View State Park in the lower Chesapeake Bay, VA on July 5, 2019 beginning at 9:30 PM and ending at 9:45 PM. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.
Chart 12255

****VA – LOWER CHESAPEAKE BAY – MILL CREEK – FORT MONROE – FIREWORKS****
Fort Monroe Authority will be sponsoring a Fireworks Display in the vicinity of Fort Monroe in Hampton, VA on July 4, 2019 beginning at 9:15 PM and ending at 9:30 PM. A Deck barge will be placed on-scene prior to the fireworks display. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.
Chart 12246

****VA – NORFOLK HARBOR - LOWER CHESAPEAKE BAY - VIRGINIA BEACH****
The Mid Atlantic Power Boat Association will be sponsoring the 11th Annual Powerboating for a Cure Poker Run 2019 on Saturday June 29, 2019 from 10:00 AM until 4:00 PM. This event will start at the Waterside Marina stopping at multiple locations and ending at Rudee Inlet Marina and returning back to Waterside. Mariners are requested to use caution and keep a sharp lookout when transiting the area of the event participants.
Chart 12245, 12256, 12254, 12222, 12208

****VA – NORFOLK HARBOR – EASTERN BRANCH ELIZABETH RIVER – FIREWORKS****
Norfolk Festevents Ltd. will be sponsoring a Fireworks Display on the Elizabeth River, VA on July 4, 2019 beginning at 9:30 PM and ending at 9:50 PM with a potential rain date of July 5, 2019. One deck barge will be placed on-scene prior to the fireworks display. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.
Chart 12253

VA – ELIZABETH RIVER – TOWN POINT PARK
Hampton Roads Pride Boat Club will be sponsoring the 2019 Hampton Roads Pride Boat Parade on June 22, 2019 starting at Smith Creek/Free Mason Harbor at 11:30 AM and run along the Town Point Park waterfront and conclude around 1:30 PM. Parade will include a projected 25 decorated commercial and recreational watercraft of various sizes. Mariners are requested to use caution and bare steerage when transiting the area.
Chart 12252

****VA – CHESAPEAKE BAY – ELIZABETH RIVER – LAFAYETTE RIVER****
The Norfolk Yacht and Country Club is sponsoring the Wolcott Memorial Regatta in the vicinity of Tanner Point, Norfolk, VA. This event will begin at 9:00 a.m. and end at 5:00 p.m. on June 30, 2019. The regatta course will start and finish west of the Bolling Avenue light in the Elizabeth River. Mariners are requested to use caution and bare steerage when transiting the area.
Chart 12245

VA – NORFOLK HARBOR - ELIZABETH RIVER – NORFOLK TIDES BASEBALL – FIREWORKS
The Norfolk Tides will sponsor a land fired aerial fireworks display at 150 Park Avenue, Norfolk, VA near the Elizabeth River. This event will take place after the Norfolk Tides baseball games on June 15, June 29, July 3, July 20, August 3, August 10, August 31, and Sep 1, 2019. Mariners are urged to use caution and are reminded to heed the directions of patrolling law enforcement and public safety officials.
Chart 12253

VA – HAMPTON – LOWER CHESAPEAKE BAY – CAPE HENRY
CCV Racing will be sponsoring the 2019 Summer Solstice Ocean sailboat race starting at Buckroe Beach proceeding out to the Chesapeake Bay Light and back. This event will take place beginning at 8 a.m. and end at 8:00 p.m. on June 22, 2019. Mariners are requested to use caution and bare steerage when transiting the area.
Chart 12222, 12256

****VA – NANSEMOND RIVER - STARS AND STRIPES SPECTACULAR FIREWORKS****
The City of Suffolk Parks and Recreation will be sponsoring the Stars and Stripes Spectacular Fireworks Display at Constant’s Wharf Park and Marina in Suffolk, VA on July 4, 2019 beginning at 9:00 PM and ending at 9:30 PM. Mariners are requested to use caution when transiting the area.
Chart 12248

****VA – JAMES RIVER – PAGAN RIVER - INDEPENDENCE DAY CELEBRATION****
The Isle of Wight Country Parks & Rec Dept. will be sponsoring the Smithfield Independence Day Celebration Fireworks Display at Clontz Park in Smithfield, VA on July 3, 2019 beginning at 9:30 PM and ending at 9:45 PM. Mariners are requested to use caution when transiting the area.
Chart 12248

****VA – JAMES RIVER – NEWPORT NEWS – VICTORY LANDING STATE PARK - STARS IN THE SKY FIREWORKS CELEBRATION****
The City of Newport News Dept. of Parks and Recreation and Tourism will be sponsoring a Fireworks Display at the Victory Landing Park in Newport News, VA on July 4, 2019 beginning at 9:30 PM and ending at 9:45 PM. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.
Chart 12207

****VA – JAMES RIVER – CHICKAHOMINY RIVER – FIREWORKS****
The Two Rivers Country Club will be sponsoring a Fireworks Display in the vicinity of the Two Rivers Country Club in Williamsburg, VA on July 4, 2019 beginning at 9:20 PM and ending at 9:45 PM. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.
Chart 12251
The city of Hopewell Recreation and Parks will be sponsoring a fireworks display on Saturday June 29, 2019 from 9:30 PM until 9:45 PM. Fireworks will be fired from a barge positioned on the Appomattox River near City Point in Hopewell, VA. A variety of public viewing areas will be made available along the shoreline near the show. A safety perimeter will be created and maintained by local public safety marine units around the detonation area. Spectators are requested to view the demonstration from within the public viewing areas.

Chart 12252

York County Tourism Development & York County Parks and Recreation will be sponsoring a Fireworks Display on the York River in Yorktown, VA on July 4, 2019 beginning at 9:15 PM and ending at 9:45 PM. Mariners are requested to use caution when transiting the area.

Chart 12241

The Fishing Bay Yacht Club will be sponsoring the Distance series sailboat race on Saturday June 29, 2019 beginning at 9:00 AM and ending in the evening at 12:00 AM. Mariners are requested to use caution and bare steerage when transiting the area.

Chart 12235

The Fishing Bay Yacht Club will be sponsoring the FBYC 4th of July Long Distance Race set to begin on Saturday July 6, 2019 from 9:00 AM until 4:00 PM. This event will start in the vicinity of the mouth of the Piankatank River and sail around specified government marks within the bay based on the wind direction on the day of the race. An estimated 30 boats will participate in this FBYC sailboat race. Mariners are requested to use caution and bare steerage when transiting the area.

Chart 12235

The Fishing Bay Yacht Club is sponsoring the FBYC J/70 Friday Night Series in the vicinity of the mouth of the Piankatank River. This event will begin at 6:00 p.m. and end at 9:00 p.m. each day on June 7, June 14, June 21, June 28, July 5, July 26, August 2, August 16 and August 23, 2019. Mariners are requested to use caution and bare steerage when transiting the area.

Chart 12235

The Town of Urbanna will be sponsoring a Fireworks Display in the vicinity of Rosegill Farm, near Crafton Quarter Road in Saluda, VA on July 5, 2019 beginning at 10:00 PM and ending at 10:30 PM. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.

Chart 12237

The Aquia Harbor Property Owner’s Association will be sponsoring a Fireworks Display in the vicinity of Aquia Creek in Stafford, VA on July 4, 2019 beginning at 10:00 PM and ending at 10:20 PM. A barge is expected to be set on-scene prior to and during the fireworks exhibit. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.

Chart 12288
Legend

Tred Avon Restoration

- Reef Restoration & Seed, 9-20 ft water depths, Constructed and seeded (16 acres)
- Seed Only Sites Planted 2016 (19 acres)
- Constructed December 2016, 9-20 ft water depths (6 acres)
- Partially constructed 2016, complete in Spring 2017, 9-20 ft water depths (2 acres)
- Spring 2017, Construction, 9-20 ft water depths (1.7 acres)
- Spring 2017 Construction, 6.5-9 ft water depths (8.4 acres)

Tred Avon Sanctuary Boundary

December 2016 and spring 2017 constructed sites are planned to receive seed in spring/summer 2017.

NOT TO BE USED FOR NAVIGATION
The Coast Guard is establishing special local regulations for certain waters of the Upper Potomac River. This action is necessary to provide for the safety of life on the navigable waters located at National Harbor, MD, during a swim event on the morning of June 23, 2019. This regulation prohibits persons and vessels from entering the regulated area unless authorized by the Captain of the Port Maryland-National Capital Region or the Coast Guard Patrol Commander.

DATES: This rule is effective from 7 a.m. to 11 a.m. on June 23, 2019.

ADDRESS: To view documents mentioned in this preamble as being available in the docket, go to https://www.regulations.gov, type USCG-2019-0203 in the "SEARCH" box and click "SEARCH." Click on Open Docket Folder on the line associated with this rule.

FOR FURTHER INFORMATION CONTACT: If you have questions on this rule, call or email Mr. Ron Houck, U.S. Coast Guard Sector Maryland-National Capital Region; telephone 410-576-2674, e-mail Ronald.L.Houck@uscg.mil.

Supplementary Information:

I. Table of Abbreviations

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<td>CFR</td>
<td>Code of Federal Regulations</td>
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II. Background Information and Regulatory History

Enviro-Sports Productions, Inc. of Stinson Beach, CA, notified the Coast Guard that it will be conducting the Washington DC Sharkfest Swim between 7:30 a.m. and 10:30 a.m. on June 23, 2019, along a course that starts and finishes at the end of the commercial pier at National Harbor, MD. In response, on April 9, 2019, the Coast Guard published a notice of proposed rulemaking (NPRM) entitled "Special Local Regulation; Upper Potomac River, National Harbor, MD" (84 FR 14061). There we stated why we issued the NPRM, and invited comments on our proposed regulatory action related to this open water swim event. During the comment period that ended May 9, 2019, we received no comments.

III. Legal Authority and Need for Rule

The Coast Guard is issuing this rule under authority in 46 U.S.C. 70041. The Captain of the Port Maryland-National Capital Region (COTP) has determined that potential hazards associated with the power boat racing event will be a safety concern for anyone intending to operate in or near the event area. The purpose of this rule is to protect event participants, spectators, and transiting vessels on specified waters of the Upper Potomac River before, during, and after the scheduled event.
A. Regulatory Planning and Review

Executive Orders 12866 and 13563 direct agencies to assess the costs and benefits of available regulatory alternatives and, if regulation is necessary, to select regulatory approaches that maximize net benefits. Executive Order 13771 directs agencies to control regulatory costs through a budgeting process. This rule has not been designated a “significant regulatory action,” under Executive Order 12866. Accordingly, this rule has not been reviewed by the Office of Management and Budget (OMB), and pursuant to OMB guidance it is exempt from the requirements of Executive Order 13771.

This regulatory action determination is based on size, time of day and duration of the regulated area, which will impact a small designated area of the Upper Potomac River for 4 hours. The Coast Guard would issue a Broadcast Notice to Mariners via VHF-FM channel 16 about the status of the regulated area. Moreover, the rule would allow vessels to seek permission to enter the regulated area, and vessel traffic would be able to safely transit the regulated area once the PATCOM deems it safe to do so.

B. Impact on Small Entities

The Regulatory Flexibility Act of 1980, 5 U.S.C. 601–612, as amended, requires Federal agencies to consider the potential impact of regulations on small entities during rulemaking. The term “small entities” comprises small businesses, not-for-profit organizations that are independently owned and operated and are not dominant in their fields, and governmental jurisdictions with populations of less than 50,000. The Coast Guard received no comments from the Small Business Administration on this rulemaking. The Coast Guard certifies under 5 U.S.C. 605(b) that this rule will not have a significant economic impact on a substantial number of small entities.

While some owners or operators of vessels intending to transit the safety zone may be small entities, for the reasons stated in section V.A above, this rule will not have a significant economic impact on any vessel owner or operator.

Under section 213(a) of the Small Business Regulatory Enforcement Fairness Act of 1996 (Public Law 104-121), we want to assist small entities in understanding this rule. If the rule would affect your small business, organization, or governmental jurisdiction and you have questions concerning its provisions or options for compliance, please contact the person listed in the FOR FURTHER INFORMATION CONTACT section.

Small businesses may send comments on the actions of Federal employees who enforce, or otherwise determine compliance with, Federal regulations to the Small Business and Agriculture Regulatory Enforcement Ombudsman and the Regional Small Business Regulatory Fairness Boards. The Ombudsman evaluates these actions annually and rates each agency’s responsiveness to small business. If you wish to comment on actions by employees of the Coast Guard, call 1-888-REG-FAIR (1-888-734-3247). The Coast Guard will not retaliate against small entities that question or complain about this rule or any policy or action of the Coast Guard.

C. Collection of Information

This rule will not call for a new collection of information under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501-3520).

D. Federalism and Indian Tribal Governments

A rule has implications for federalism under Executive Order 13132, Federalism, if it has a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government. We have analyzed this rule under that Order and have determined that it is consistent with the fundamental federalism principles and preemption requirements described in Executive Order13132.

Also, this rule does not have tribal implications under Executive Order 13175, Consultation and Coordination with Indian Tribal Governments, because it does not have a substantial direct effect on one or more Indian tribes, on the relationship between the Federal Government and Indian tribes, or on the distribution of power and responsibilities between the Federal Government and Indian tribes. If you believe this rule has implications for federalism or Indian tribes, please contact the person listed in the FOR FURTHER INFORMATION CONTACT section.

E. Unfunded Mandates Reform Act

The Unfunded Mandates Reform Act of 1995 (2 U.S.C. 1531-1538) requires Federal agencies to assess the effects of their discretionary regulatory actions. In particular, the Act addresses actions that may result in the expenditure by a State, local, or tribal government, in the aggregate, or by the private sector of $100,000,000 (adjusted for inflation) or more in any one year.

Though this rule will not result in such an expenditure, we do discuss the effects of this rule elsewhere in this preamble.

F. Environment

We have analyzed this rule under Department of Homeland Security Directive 023-01 and Commandant Instruction M16475.1D, which guide the Coast Guard in complying with the National Environmental Policy Act of 1969(42 U.S.C. 4321-4370f), and have determined that this action is one of a category of actions that do not individually or cumulatively have a significant effect on the human environment. This rule involves implementation of regulations within 33 CFR Part 100 applicable to organized marine events on the navigable waters of the United States. The temporary regulated area will be in effect for 4 hours. It is categorically excluded from further review under paragraph L61 of Appendix A, Table 1 of DHS Instruction Manual 023–01–001–01, Rev. 01. A Record of Environmental Consideration supporting this determination is available in the docket where indicated under ADDRESSES.

G. Protest Activities

The Coast Guard respects the First Amendment rights of protesters. Protesters are asked to contact the person listed in the FOR FURTHER INFORMATION CONTACT section to coordinate protest activities so that your message can be received without jeopardizing the safety or security of people, places or vessels.

List of Subjects in 33 CFR Part 100

Marine safety, Navigation (water), Reporting and recordkeeping requirements, Waterways.

For the reasons discussed in the preamble, the Coast Guard amends 33 CFR part 100 as follows:

PART 100—SAFETY OF LIFE ON NAVIGABLE WATERS

1. The authority citation for part 100 continues to read as follows:

Authority: 46 U.S.C. 70041; 33 CFR 1.05-1.

2. Add § 100.501T05-0203 to read as follows:

§ 100.501T05-0203 Special Local Regulation; Upper Potomac River, National Harbor, MD.
(a) **Definitions.** As used in this section:

- **Captain of the Port (COTP) Maryland-National Capital Region** means the Commander, U.S. Coast Guard Sector Maryland-National Capital Region or any Coast Guard commissioned, warrant or petty officer who has been authorized by the COTP to act on his behalf.
- **Coast Guard Patrol Commander (PATCOM)** means a commissioned, warrant, or petty officer of the U.S. Coast Guard who has been designated by the Commander, Coast Guard Sector Maryland-National Capital Region.
- **Official Patrol** means any vessel assigned or approved by Commander, Coast Guard Sector Maryland-National Capital Region with a commissioned, warrant, or petty officer on board and displaying a Coast Guard ensign.
- **Participant** means a person or vessel registered with the event sponsor as participating in the Washington DC Sharkfest Swim or otherwise designated by the event sponsor as having a function tied to the event.
- **Spectator** means a person or vessel not registered with the event sponsor as participants or assigned as official patrols.

(b) **Location.** The following location is a regulated area. All navigable waters of the Upper Potomac River, within an area bounded by a line connecting the following points: From the Rosilie Island shoreline at latitude 38°47′30.30″ N, longitude 077°01′26.70″ W, thence west to latitude 38°47′30.00″ N, longitude 077°01′37.30″ W, thence south to latitude 38°47′08.20″ N, longitude 077°01′37.30″ W, thence east to latitude 38°47′09.00″ N, longitude 077°01′09.20″ W, thence southeast along the pier to latitude 38°47′06.30″ N, longitude 077°01′02.50″ W, thence north along the shoreline and west along the southern extent of the Woodrow Wilson (I-95/I-495) Memorial Bridge and south and west along the shoreline to the point of origin, located at National Harbor, MD. All coordinates reference Datum NAD 1983.

(c) **Special local regulations:**

1. The COTP Maryland-National Capital Region or PATCOM may forbid and control the movement of all vessels and persons, including event participants, in the regulated area. When hailed or signaled by an official patrol, a vessel or person in the regulated area shall immediately comply with the directions given by the patrol. Failure to do so may result in the Coast Guard expelling the person or vessel from the area, issuing a citation for failure to comply, or both. The COTP Maryland-National Capital Region or PATCOM may terminate the event, or a participant's operations at any time the COTP Maryland-National Capital Region or PATCOM believes it necessary to do so for the protection of life or property.

2. Except for participants and vessels already at berth, a person or vessel within the regulated area at the start of enforcement of this section must immediately depart the regulated area.

3. A spectator must contact the PATCOM to request permission to either enter or pass through the regulated area. The PATCOM, and official patrol vessels enforcing this regulated area, can be contacted on marine band radio VHF-FM channel 16 (156.8 MHz) and channel 22A (157.1 MHz). If permission is granted, the spectator must pass directly through the regulated area as instructed by PATCOM. A vessel within the regulated area must operate at safe speed that minimizes wake. A spectator vessel must not loiter within the navigable channel while within the regulated area.

4. A person or vessel that desires to transit, moor, or anchor within the regulated area must obtain authorization from the COTP Maryland-National Capital Region or PATCOM. A person or vessel seeking such permission can contact the COTP Maryland-National Capital Region at telephone number 410-576-2693 or on Marine Band Radio, VHF-FM channel 16 (156.8 MHz) or the PATCOM on Marine Band Radio, VHF-FM channel 16 (156.8 MHz).

5. The Coast Guard will publish a notice in the Fifth Coast Guard District Local Notice to Mariners and issue a marine information broadcast on VHF-FM marine band radio announcing specific event date and times.

(d) **Enforcement officials.** The Coast Guard may be assisted with marine event patrol and enforcement of the regulated area by other Federal, State, and local agencies.

(e) **Enforcement period.** This section will be enforced from 7 a.m. to 11 a.m. on June 23, 2019.

Dated: May 16, 2019

Joseph B. Loring,
Captain, U.S. Coast Guard,
Captain of the Port Maryland-National Capital Region.
The White Sector will be visible up to 88ft off centerline at the far end of channel and decreasing to 41ft on near end of channel.

The Red & Green Sectors will be visible outside the White Sector up to 263ft off centerline at the far end of channel and decreasing to 123ft on near end of channel.