



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

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## LOCAL NOTICE TO MARINERS

**District: 5**

**Week: 24/22**

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/>.

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:  
[gregory.c.goetz2@uscg.mil](mailto:gregory.c.goetz2@uscg.mil), (757) 398-6220 and [CGD5Waterways@uscg.mil](mailto: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 VIRGINIA at (757) 483-8567.
4. For NC waters, coastal and tributaries contact COGARD SECTOR NORTH CAROLINA at (910) 343-3882.

### REFERENCES

Light List: ATLANTIC COAST, VOLUME II, COMDTPUB P16502.2, 2022 Edition.  
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2022 (55th) Edition.  
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2021 (53rd) Edition.

### NAVIGATION INTERNET SITES

2022 Light List/ Weekly Updates.  
<https://www.navcen.uscg.gov/pdf/lightLists/weeklyUpdates/v2d05WeeklyChanges.pdf>

Bridges Public Notice Website.  
<https://www.navcen.uscg.gov/>

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

Coast Pilots, along with corrections are available at  
<https://nauticalcharts.noaa.gov/publications/coast-pilot/index.html>

D5 LNM Archived Back Issues  
<https://www.navcen.uscg.gov/>

Chesapeake Bay NOAA Weather Buoys  
[www.buoybay.noaa.gov](http://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  
C/O - Cut Off  
CONT - Contour  
CRK - Creek  
CONST - Construction  
DAYMK/Daymk - Daymark  
DBN/Dbn - Daybeacon  
DBD/DAYBD - Dayboard  
DEFAC - Defaced  
DEST - Destroyed  
DISCON - Discontinued  
DMGD/DAMGD - Damaged  
ec - eclipse  
EST - Established Aid  
ev - every  
EVAL - Evaluation  
EXT - Extinguished  
F - Fixed  
fl - flash  
Fl - Flashing  
G - Green  
GIWW - Gulf Intracoastal Waterway  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height

### I through O

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

### P through Z

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

### **Additional Abbreviations Specific to this LNM Edition:**

AIS - Automatic Identification System  
AtoN - Aids to Navigation  
LIB - Lighted Ice Buoy  
LLNR - Light List Number  
MD-NCR - Maryland-National Capital Region  
OREI - Offshore Renewable Energy Installations

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## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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

New, updated or very important information in the Local Notice to Mariners (LNM) will be preceded and followed by four asterisks.

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

US- Atlantic Seacoast - Critically endangered right whales may be encountered in offshore and coastal waters. Right whales are slow moving and at risk of serious injury or death due to collisions with vessels. U.S. law (50 CFR 224.105) prohibits operating vessels 65 feet (19.8 m) or greater in excess of 10 knots in specific managed locations along the U.S. East Coast during times when right whales are likely to be present. See enclosed compliance guide for specific times, areas, and exceptions to this law. Approaching or remaining within 500 yards of right whales is prohibited and is a violation of U.S. law. A minimum distance of 500 yards must be maintained from a sighted whale unless hazardous to the vessel or its occupants. The National Oceanic and Atmospheric Administration (NOAA) recommends that operators assume that any whale sighted is a right whale unless confirmed otherwise. NOAA also recommends speeds of 10 knots or less in areas used by right whales and outside of seasonally managed areas when consistent with safety of navigation. In the northeast, please report all right whale sightings, collisions, or entanglements to 866-755-NOAA, or to the Coast Guard via channel 16. WHALES NORTH Mandatory Ship Reporting Area is active year-round. For more information, consult the U.S. Coast Pilot. MSR arrival reports can be sent via TELEX number 48156090 or email to [rightwhale.msr\(at\)noaa.gov](mailto:rightwhale.msr(at)noaa.gov). NOAA's updated Compliance guide for Right Whale Ship Strike Reduction Rules is located at: <https://www.fisheries.noaa.gov/national/Endangered-species-conservation/reducing-ship-strikes-north-atlantic-right-whales>

Charts: 12200 12211 12214 13003

LNM: 45/21

**NC – VA – MD – DE – NJ - ATLANTIC OCEAN - OFFSHORE STRUCTURE PATON MARKING GUIDANCE**

For Private Aids to Navigation (PATON) applicants requesting Coast Guard permits to provide navigational markings on offshore structures in Fifth Coast Guard District waters, the following structure identification, lighting, sound signal, and Automated Identification System (AIS) capabilities are strongly recommended. Applicants should plan to apply for one Private Aid Permit per structure (to include all label, light(s), sound signals and AIS signals). Private AtoN Permit applications should be submitted no sooner than 60 days prior to the need to activate a structure’s final markings. Additional specific recommendations include:

**Tower Identification:**

- Uniquely lettered and numbered in an organized pattern as near to rows and columns as possible
- Letters and numbers labelled to as near to 3 meters high as possible
- Visible above any servicing platforms
- Visible throughout a 360-degree arc from the water’s surface
- Visible at night through use of retro-reflective paint and lettering/numbering materials
- If feasible, also labelled below the servicing platform

**Lighting:**

- Located on all structures, preferably on the servicing platform, visible throughout a 360-degree arc from the water’s surface
- Corner Towers/Significant Peripheral Structures (SPSs): Quick flashing yellow (QY) energized at a five nautical mile range
- Outer Boundary Towers: Yellow 2.5 sec (FL Y 2.5s) energized at three nautical mile range
- Interior Towers: Yellow 6 sec or yellow 10 sec (FL Y 6/FL Y 10) energized at a two nautical mile range
- All lights should be synchronized by their structure location within the field of structures

Note: All temporary base, tower and construction components preceding the final structure completion must be marked with Quick Yellow (QY) obstruction lights visible throughout 360 degrees at a distance of 5NM. These do not require permits, only Coast Guard notification for appropriate marine notices and broadcasts until the final structure marking is established.

**Sound Signals:**

- Should be located on all structures located at corners/SPSs
- Sound every 30 seconds (4s Blast, 26s off)
- Set to project at a range of 2NM
- Should not exceed 3NM spacing between perimeter structures
- Must be Mariner Radio Activated Sound Signal (MRASS) activated by keying VHF Radio frequency 83A five times within ten seconds
- Timed to energize for 45 minutes from last VHF activation

**Automated Information System (AIS) Transponder Signals:**

- Must be transmitted superimposed at all corner structures/SPSs
- Should be capable of transmitting signals to mark all locations of all structures throughout an established field
- Must be approved at the Coast Guard Headquarters level (CG-NAV) based on the Fifth Coast Guard District’s recommendation

PATON Application can be requested through email to: CGD5Waterways@uscg.mil

Please forward questions or feedback in an e-mail to:

Matthew.K.Creelman2@uscg.mil

Charts: 12200 12204 12211 12214 12221 12318

LNМ: 36/20

**NC - HAZARDS OF NORTH CAROLINA COASTAL INLETS**

Hazardous inlets. To heighten public awareness about the hazards that exist, this information is provided for shoaling conditions that exist at the following North Carolina 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 | Shalotte Inlet       |

Shoaling conditions increase the potential for groundings. These inlets are subject to continual and sometimes rapid environmental changes. Mariners are highly encouraged to obtain the most recent U.S. Army Corps of Engineers Wilmington, North Carolina District hydrographic survey information, centerline waypoints and controlling depth at:

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

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

<https://www.navcen.uscg.gov/?pageName=InmDistrict&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 on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker, which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision's in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

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

14 USC 543. 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 541 of this title, or with any aid to navigation lawfully maintained under authority granted by the Coast Guard pursuant to section 542 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. 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](http://www.cgaux.org/boatinged/class_finder/index.php)

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

Special protections are 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 (U-boats) located in waters off the NC 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. 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 Coast Guard unit.

#### **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.

#### **USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER**

The U.S. 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: 703-313-5900, [webmaster@navcen.uscg.mil](mailto:webmaster@navcen.uscg.mil) or <https://www.navcen.uscg.gov>.

#### **CANCELLATION OF NOAA PAPER AND RASTER NAUTICAL CHARTS**

The National Oceanic and Atmospheric Administration (NOAA) is undertaking a multi-year program to end production and maintenance of its suite of over 1,000 traditional paper nautical charts and all associated raster chart products and services, including: Print-on-Demand (POD) paper nautical charts, Full-size chart PDF files, Booklet Chart™ PDF files, NOAA raster navigational charts (NOAA RNC®), the NOAA RNC tile service, and the online RNC viewer.

Six month notice of the intent to cancel a specific chart is provided in a "Last Edition" notice. The final cancellation of a chart is made in a "Canceled" notice. Both types of notices will appear in LNM Section IV, "Chart Correction." A comprehensive list of all canceled NOAA charts is available at: <http://www.charts.noaa.gov/MCD/Dole.shtml>.

Traditional paper nautical chart production is ending to enable the creation and maintenance of larger scale, more up-to-date, higher quality coverage of NOAA's electronic navigational chart (NOAA ENC®) product. This will significantly enhance the amount of charted detail available to mariners. More information about NOAA's program to sunset traditional paper charts is on the NOAA Coast Survey website at: <https://nauticalcharts.noaa.gov/charts/farewell-to-traditional-nautical-charts.html>

An online NOAA Custom Chart application at: <https://devgis.charttools.noaa.gov/pod> is available to create chart images from ENC data, which may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

LNM: 09/21

### BROADCAST NOTICES TO MARINERS

Broadcast Notices to Mariners (BNMs) that are still in effect at the date of this publication.

CCGD5 (D5) - BNM - 273, 276, 277, 279, 280, 281, 282, 283, 284, 288, 289, 290, 292, 294, 295, 296-22.

Sector Delaware Bay (DB) - BNM - 119, 120, 122, 123, 124-22.

Sector Maryland-National Capital Region (MD-NCR) - BNM - 184, 185, 186, 187, 188, 189, 190, 191, 194, 195, 199, 200, 203, 204, 205, 206, 208, 209, 210, 212, 213-22.

Sector Virginia (VA) - BNM - 090, 102, 106, 108-22.

Sector North Carolina (NC) - BNM - 180, 181, 183, 185, 186, 188, 189, 190, 192, 193, 194, 195, 196, 202, 205, 206-22.

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## 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.

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### DISCREPANCIES (FEDERAL AIDS)

| LLNR     | Aid Name  | Status                               | Chart No.    | BNM Ref. | LNM St       | LNM End |
|----------|---|--------------------------------------|--------------|----------|--------------|---------|
| <b>3</b> | <b>NOAA Lighted Data Buoy 44066 (ODAS)</b>        | <b>ADRIFT</b>                        | <b>12300</b> |          | <b>24/22</b> |         |
| 168      | NOAA Lighted Data Buoy 44009 (ODAS)               | BUOY DMGD/LT EXT                     | 12214        | 171DB    | 35/20        |         |
| 570      | Navy Air Combat Maneuvering Range Tower Light A   | LT EXT                               | 12200        | 413NC    | 32/16        |         |
| 585      | Navy Air Combat Maneuvering Range Tower Light G   | LT EXT                               | 12200        | 0110NC   | 27/12        |         |
| 615      | Oregon Inlet Jetty Light                          | DAYMK MISSING                        | 12204        | 166NC    | 19/21        |         |
| 637      | NOAA Lighted Data Buoy 41025 (ODAS)               | MISSING                              | 11555        | 165D5    | 12/21        |         |
| 815      | NOAA Lighted Data Buoy 41013 (ODAS)               | LT EXT                               | 11536        | 332NC    | 35/20        |         |
| 1090     | Oyster Creek Channel Buoy 38                      | ADRIFT                               | 12324        | 116DB    | 21/22        |         |
| 1100     | Little Egg Inlet Lighted Buoy 1                   | LT EXT                               | 12316        | 143DB    | 29/21        |         |
| 1530     | Harbor of Refuge Light                            | SS INOP                              | 12216        | 080DB    | 15/22        |         |
| 1535     | Brown Shoal Light                                 | LT EXT/RAC INOP                      | 12214        | 102DB    | 23/21        |         |
| 1600     | Elbow of Cross Ledge Light                        | LT EXT                               | 12304        | 090DB    | 17/22        |         |
| 1620     | Delaware Bay Main Channel Light 32                | REDUCED INT                          | 12304        | 0068DB   | 13/22        |         |
| 1675     | Cape May Canal West Entrance North Jetty Light 11 | STRUCT DEST/REDUCED INT/SS INOP/TRLB | 12316        | 155DB    | 32/20        |         |
| 2055     | Delaware Bay East Icebreaker Light 2              | LT EXT                               | 12216        | 203DB    | 35/20        |         |
| 2565     | Reedy Island Dike Middle Light                    | MISSING                              | 12311        | 024DB    | 46/20        |         |
| 2580     | Reedy Island Range Front Light                    | REDUCED INT                          | 12311        | 187DB    | 29/19        |         |
| 2610     | Reedy Island Gap South Daybeacon 1                | STRUCT DEST                          | 12311        | 219DB    | 45/21        |         |
| 2615     | Reedy Island Gap North Light 2                    | STRUCT DEST                          | 12311        | 069DB    | 14/22        |         |
| 2735     | New Castle Range Rear Light                       | LT EXT                               | 12311        | 103DB    | 20/22        |         |

|              |  |                                     |              |               |              |
|--------------|--|-------------------------------------|--------------|---------------|--------------|
| 2874         | Pea Patch Island Dike Warning Light E                | MISSING/TRLB                        | 12311        | 214DB         | 39/18        |
| 3500         | Eagle Point Range Rear Light                         | LT EXT                              | 12313        | 047DB         | 09/22        |
| 3890         | Edgewater Upper Range Front Light                    | LT EXT                              | 12314        | 093DB         | 18/22        |
| 4420         | Indian River Inlet Lighted Buoy 17                   | OFF STA                             | 12216        | 119DB         | 22/22        |
| 4735         | Ocean City Inlet Entrance Lighted Buoy 4             | LT EXT                              | 12211        | 176MD         | 22/22        |
| 5055         | Sinepuxent Bay Channel Light 13                      | DAYMK MISSING                       | 12211        | 109MD         | 12/22        |
| 5130         | Sinepuxent Bay Channel Buoy 33                       | MISSING                             | 12211        | 106MD         | 12/22        |
| 6605         | Wachapreague Inlet Buoy 1                            | MISSING                             | 12210        | 084VA         | 42/21        |
| 6610         | Wachapreague Inlet Buoy 2                            | OFF STA                             | 12210        | 085VA         | 21/22        |
| 6615         | Wachapreague Inlet Buoy 3                            | OFF STA                             | 12210        | 086VA         | 21/22        |
| 6795         | North Inlet Warning Daybeacon A                      | STRUCT DEST                         | 12210        | 072VA         | 19/22        |
| 6810         | Great Machipongo Inlet Buoy 3                        | MISSING                             | 12224        | NONEVA        | 21/21        |
| 7275         | Chesapeake Channel Lighted Buoy 42                   | RAC INOP/TEMP AIS<br>MMSI:993672358 | 12226        | 246VA         | 52/21        |
| 8001         | Craighill Channel Entrance Range Rear Passing Lights | LT EXT                              | 12278        | 189MD         | 23/22        |
| <b>8010</b>  | <b>Craighill Channel Entrance Lighted Buoy 2</b>     | <b>LT EXT</b>                       | <b>12282</b> | <b>211MD</b>  | <b>24/22</b> |
| 8040         | Craighill Channel Range Front Light                  | LT EXT                              | 12278        | 178MD         | 22/22        |
| 8050         | Craighill Channel Range Rear Light                   | LT EXT                              | 12278        | 190MD         | 23/22        |
| 8095         | Craighill Channel Upper Range Rear Light             | REDUCED INT                         | 12281        | 179MD         | 22/22        |
| 8325         | Swan Point Channel North Range Front Light           | LT EXT                              | 12272        | 130MD         | 16/22        |
| 8395         | Brewerton Channel Eastern Extension Range Rear Light | LT EXT                              | 12272        | 061MD         | 18/21        |
| <b>8555</b>  | <b>Pooles Island South Range Front Light</b>         | <b>LT EXT</b>                       | <b>12278</b> | <b>209MD</b>  | <b>24/22</b> |
| <b>8595</b>  | <b>Upper Chesapeake Channel Range Front Light</b>    | <b>REDUCED INT</b>                  | <b>12274</b> | <b>212MD</b>  | <b>24/22</b> |
| 8693         | Pooles Island Light                                  | LT EXT                              | 12278        | 110MD         | 24/21        |
| <b>8910</b>  | <b>Shad Battery Shoal Range Front Light</b>          | <b>LT EXT</b>                       | <b>12274</b> | <b>208MD</b>  | <b>24/22</b> |
| 9070         | Elk River Channel West Range Rear Light              | REDUCED INT                         | 12277        | 327MD         | 43/20        |
| 9165         | Bohemia River Light 2                                | DAYMK MISSING/STRUCT DMGD           | 12274        | 082MD         | 01/22        |
| 9370         | Norfolk Entrance Reach Range Front Warning Light     | LT EXT                              | 12245        | 184VA         | 35/21        |
| 9375         | Norfolk Entrance Reach Range Rear Warning Light      | LT EXT                              | 12245        | 185VA         | 35/21        |
| 10655        | Naval Boat Channel Light 10                          | LT EXT                              | 12245        | 015VA         | 02/22        |
| 10843        | Golf 2 Anchorage Lighted Mooring Buoy A              | OFF STA                             | 12245        | 041VA         | 09/22        |
| 11585        | James River Channel Light 10                         | STRUCT DEST/TRLB                    | 12248        | 012VA         | 02/22        |
| 12385        | James River Channel Lighted Buoy 89                  | LT EXT                              | 12251        | 094VA         | 23/22        |
| 12425        | James River Channel Lighted Buoy 93                  | LT EXT                              | 12252        | 095VA         | 23/22        |
| 12795        | James River Channel Light 168                        | STRUCT DEST/TRLB                    | 12252        | 239VA         | 51/19        |
| 13145        | Poquoson Flats Channel Daybeacon 2PF                 | STRUCT DEST/TRLB                    | 12222        | 125VA         | 25/21        |
| <b>13155</b> | <b>Poquoson Flats Channel Daybeacon 4</b>            | <b>DAYMK MISSING</b>                | <b>12221</b> | <b>NONEVA</b> | <b>24/22</b> |
| 13180        | Poquoson River Entrance Daybeacon 8                  | MSLD SIG                            | 12241        | 087VA         | 21/22        |
| 13325        | Back Creek Light 5                                   | DAYMK MISSING                       | 12241        | 065VA         | 17/22        |
| 13457        | NOAA Lighted Data Buoy YS                            | OFF STA                             | 12238        | 211VA         | 08/19        |
| 13496        | York River East Range Front Light                    | STRUCT DEST/TRLB                    | 12241        | 201VA         | 40/21        |
| 14070        | Mobjack Bay Channel Daybeacon 6MB                    | DAYMK MISSING                       | 12238        | 040VA         | 08/22        |
| 14450        | Horn Harbor Warning Daybeacon A                      | DAYMK MISSING                       | 12238        | 053VA         | 11/21        |
| 14655        | Stutts Creek Daybeacon 5                             | DAYMK IMCH                          | 12235        | 042VA         | 08/21        |

|              |  |                              |              |              |              |
|--------------|--|------------------------------|--------------|--------------|--------------|
| 14780        | Milford Haven Daybeacon 4                              | STRUCT DMGD/TRUB             | 12235        | 068VA        | 19/22        |
| <b>14965</b> | <b>Broad Creek Channel Entrance Light 1BC</b>          | <b>DAYMK MISSING</b>         | <b>12235</b> | <b>106VA</b> | <b>24/22</b> |
| 15605        | Hoskins Creek Range Front Light                        | LT EXT                       |              | 189VA        | 37/21        |
| 17285        | St. Catherine Sound Upper Entrance Warning Daybeacon D | STRUCT DEST/TRLB             | 12286        | 258MD        | 43/21        |
| <b>19500</b> | <b>West River Light 4</b>                              | <b>DAYMK MISSING</b>         | <b>12270</b> | <b>194MD</b> | <b>24/22</b> |
| 19615        | South River Light 10                                   | LT IMCH/DAYMK MISSING        | 12270        | 161MD        | 19/22        |
| <b>19835</b> | <b>Lake Ogleton Entrance Light 5</b>                   | <b>DAYMK MISSING</b>         | <b>12283</b> | <b>203MD</b> | <b>24/22</b> |
| 19900        | Eastport Harbor Daybeacon 7                            | STRUCT DMGD                  | 12283        | 155MD        | 19/22        |
| 20315        | Bodkin Point Shoal Light 3                             | REDUCED INT/STRUCT DMGD/TRLB | 12278        | 128MD        | 15/22        |
| 20355        | Bodkin Creek Daybeacon 12                              | STRUCT DEST/TRLB             | 12278        | 173MD        | 22/22        |
| 20375        | Rock Creek Channel Entrance Light 2                    | DAYMK MISSING                | 12278        | 144MD        | 17/22        |
| 20515        | North Point Creek Light 2                              | STRUCT DEST/TRLB             | 12278        | 272MD        | 39/20        |
| 21366        | North Channel Lighted Buoy 2N                          | SINKING                      | 12222        | 080VA        | 20/22        |
| 21470        | Cape Charles City Light 4                              | STRUCT DEST/TRLB             | 12224        | 061VA        | 14/22        |
| 21667        | Nassawadox Creek Warning Daybeacon J                   | STRUCT DEST/TRUB             | 12226        | 005VA        | 02/20        |
| 23375        | Manokin River Junction Lighted Buoy MR                 | MISSING/TRLB                 | 12231        | 074MD        | 08/22        |
| 23800        | Webster Cove Channel Daybeacon 3                       | STRUCT DEST/TRLB             | 12261        | 064MD        | 19/21        |
| 23980        | Nanticoke River Channel Light 6                        | STRUCT DMGD                  | 12261        | 097MD        | 11/22        |
| 24105        | Nanticoke River Channel Light 22                       | STRUCT DEST/TRLB             | 12261        | 096MD        | 11/22        |
| 24515        | Middle Island Bridge West Channel Wreck Daybeacon WR1W | STRUCT DEST/HAZ NAV/TRUB     | 12261        | 123MD        | 04/18        |
| 24601        | Tar Bay Warning Daybeacon F                            | STRUCT DEST                  | 12261        | 383MD        | 51/19        |
| 25850        | Tilghman Island Harbor Daybeacon 4                     | STRUCT DEST/TRLB             | 12266        | 162MD        | 19/22        |
| 26185        | St. Michaels Harbor Entrance Light 2SM                 | LT EXT/STRUCT DMGD/TRLB      | 12270        | 135MD        | 17/22        |
| 26895        | Rock Hall Harbor Light 4                               | DAYMK DMGD                   | 12272        | 195MD        | 23/22        |
| <b>27215</b> | <b>Gunpowder River Lighted Buoy 10</b>                 | <b>MISSING</b>               | <b>12274</b> | <b>199MD</b> | <b>24/22</b> |
| 27215        | Gunpowder River Lighted Buoy 10                        | OFF STA                      | 12274        | 167MD        | 21/22        |
| 27400        | Worton Creek Daybeacon 5                               | STRUCT DEST                  | 12278        | 182MD        | 22/22        |
| 27440        | Sassafras River Light 3A                               | LT EXT                       | 12274        | 139MD        | 17/22        |
| 27440        | Sassafras River Light 3A                               | LT EXT                       | 12274        | 192MD        | 23/22        |
| 27500        | Sassafras River Light 10                               | LT EXT/DAYMK MISSING         | 12274        | 141MD        | 17/22        |
| 27505        | Sassafras River Daybeacon 12                           | STRUCT DMGD                  | 12274        | 142MD        | 17/22        |
| 27545        | Aberdeen Proving Ground Channel Buoy 6                 | MISSING                      | 12274        | 137MD        | 17/22        |
| 27985        | Oregon Inlet Buoy 3                                    | MSLD SIG                     | 12204        | NONEVA       | 21/22        |
| 27990        | Oregon Inlet Buoy 4                                    | MSLD SIG                     | 12204        | NONEVA       | 21/22        |
| 27995        | Oregon Inlet Jetty Light                               | DAYMK MISSING                | 12204        | 166NC        | 19/21        |
| 28005        | Oregon Inlet Buoy 7                                    | MISSING                      | 12204        | 147NC        | 19/22        |
| 28050        | Oregon Inlet Lighted Buoy 16                           | OFF STA                      | 12205        | 156NC        | 20/22        |
| 28131        | Oregon Inlet Channel Light 37                          | STRUCT DEST/TRUB             | 12204        | 224NC        | 28/21        |
| 28141        | Oregon Inlet Channel Light 41                          | STRUCT DEST/TRLB             | 12204        | 198NC        | 23/22        |
| 28660        | Hatteras Inlet Lighted Buoy 6                          | MISSING                      | 11555        | 066NC        | 09/17        |
| 28665        | Hatteras Inlet Lighted Buoy 7                          | MISSING                      | 11555        | NONENC       | 37/19        |
| 28667        | Hatteras Inlet Lighted Buoy 8                          | MISSING                      | 11555        | NONENC       | 37/19        |
| 28722.3      | Barney Slough Channel Lighted Buoy 6                   | TRLB                         | 11555        | 353NC        | 45/21        |
| 28722.7      | Barney Slough Channel Lighted Buoy 10                  | TRLB                         | 11555        | 362NC        | 38/20        |
| 28790        | Hatteras Inlet Channel Light 25                        | STRUCT DEST/TRLB             | 11555        | 232NC        | 29/21        |
| 28825        | Rollinson Channel Light 33                             | STRUCT DEST/TRLB             | 11555        | 292NC        | 37/21        |

|              |  |                           |              |              |              |
|--------------|--|---------------------------|--------------|--------------|--------------|
| 28865        | Rollinson Channel Light 42RC                   | DAYMK MISSING             | 11555        | 161NC        | 20/22        |
| 28900        | Ocracoke Inlet Lighted Buoy 1                  | LT EXT                    | 11550        | 142NC        | 18/22        |
| 28905        | Ocracoke Inlet Lighted Buoy 2                  | BUOY DMGD/LT EXT          | 11550        | 142NC        | 18/22        |
| 28920        | Ocracoke Inlet Lighted Buoy 6                  | MISSING                   | 11550        | 101NC        | 12/21        |
| 28925        | Ocracoke Inlet Buoy 7                          | MISSING                   | 11550        | 102NC        | 12/21        |
| 28930        | Ocracoke Inlet Lighted Buoy 10                 | MISSING                   | 11550        | 103NC        | 12/21        |
| 28964        | Teaches Hole Channel Lighted Buoy 27           | MISSING                   | 11550        | 159NC        | 20/22        |
| 29070.2      | Big Foot Slough Channel Buoy 10C               | OFF STA                   | 11550        | 121NC        | 15/22        |
| 29130        | Lookout Bight Lighted Buoy 4                   | LT EXT                    | 11545        | 399NC        | 51/21        |
| 29130        | Lookout Bight Lighted Buoy 4                   | MSLD SIG                  | 11545        | 064NC        | 07/21        |
| 29183        | Barden Inlet Warning Buoy AA                   | MISSING                   | 11545        | 136NC        | 18/22        |
| 29230        | Barden Inlet Daybeacon 20                      | STRUCT DEST/TRUB          | 11545        | 051NC        | 04/22        |
| 29303        | Morehead City Channel Range Rear Light         | LT EXT                    | 11547        | 194NC        | 22/22        |
| 29710        | New River Inlet Buoy 9                         | MISSING                   | 11541        | 166NC        | 08/22        |
| 29735        | New River Channel Light 12                     | STRUCT DEST/TRLB          | 11541        | 494NC        | 31/20        |
| 29740        | New River Channel Light 13                     | STRUCT DMGD/TRLB          | 11541        | 078NC        | 11/19        |
| 29920        | Morgan Bay Warning Daybeacon                   | DAYMK MISSING             | 11542        | NONENC       | 21/22        |
| 30010        | New Topsail Inlet Buoy 5                       | MISSING                   | 11541        | 190NC        | 22/22        |
| 30470        | Cape Fear River Channel Lighted Buoy 18        | SINKING                   | 11534        | 177NC        | 21/22        |
| <b>30784</b> | <b>Big Island Lower North Range Rear Light</b> | <b>LT EXT</b>             | <b>11537</b> | <b>207NC</b> | <b>24/22</b> |
| <b>30793</b> | <b>Lower Brunswick South Range Front Light</b> | <b>LT EXT</b>             | <b>11537</b> | <b>206NC</b> | <b>24/22</b> |
| <b>30794</b> | <b>Lower Brunswick South Range Rear Light</b>  | <b>LT IMCH</b>            | <b>11537</b> | <b>205NC</b> | <b>24/22</b> |
| 30935        | Cape Fear River Channel Lighted Buoy 61        | SINKING/TRUB              | 11537        | 250NC        | 31/21        |
| 30950        | Cape Fear River Turning Basin Light B          | STRUCT DEST/TRLB          | 11537        | 024NC        | 16/20        |
| 30985        | Northeast Cape Fear River Light 4              | STRUCT DEST/TRLB          | 11537        | 098NC        | 11/21        |
| 30990        | Northeast Cape Fear River Light 6              | STRUCT DEST/TRLB          | 11537        | 097NC        | 11/21        |
| 31241.2      | Currituck Sound Research Platform C            | STRUCT DMGD               | 12205        | 019NC        | 05/18        |
| 31360        | Durant Island Daybeacon 1D                     | STRUCT DMGD               | 12204        | 390NC        | 39/21        |
| 31632        | Albemarle Sound Daybeacon 4AS                  | DAYMK MISSING             | 12205        | 124NC        | 10/22        |
| 31635        | Albemarle Sound Light 5AS                      | STRUCT DEST/DAYMK MISSING | 11553        | 289D5        | 38/19        |
| 32015        | Stumpy Point Harbor Lighted Wreck Buoy WR1SP   | LT EXT/TRUB               | 12204        | 075NC        | 08/22        |
| 32137        | Long Shoal Lighted Wreck Buoy WR2              | MISSING                   | 11555        | 057NC        | 06/21        |
| 32145        | Gull Shoal Light GS                            | STRUCT DEST/TRLB          | 11548        | 090NC        | 40/18        |
| 32250        | Avon Channel Warning Light AV                  | STRUCT DEST               | 11555        | NONENC       | 38/19        |
| 32295        | Frisco Approach Light 4                        | MISSING/STRUCT DEST/TRLB  | 11555        | 355NC        | 42/19        |
| 32370        | Royal Shoal Light 3                            | DAYMK MISSING             | 11552        | 315NC        | 41/21        |
| <b>32825</b> | <b>Oyster Creek Lighted Buoy 4</b>             | <b>MISSING</b>            | <b>11545</b> | <b>202NC</b> | <b>24/22</b> |
| 32855        | Pungo River Junction Light PR                  | STRUCT DEST/TRLB          | 11553        | 133NC        | 17/22        |
| 33517        | West Bay Restricted Area Light I               | DAYMK MISSING             | 11544        | 413NC        | 39/18        |
| 33517.1      | West Bay Restricted Area Light J               | DAYMK MISSING             | 11544        | 413NC        | 39/18        |
| 33623        | Rattan Bay Restricted Area Light A             | DAYMK MISSING             | 11541        | 413NC        | 39/18        |
| 33623.1      | Rattan Bay Restricted Area Light B             | DAYMK MISSING             | 11541        | 413NC        | 39/18        |
| 33623.2      | Rattan Bay Restricted Area Light C             | DAYMK MISSING             | 11541        | 413NC        | 39/18        |
| 33623.4      | Rattan Bay Restricted Area Light E             | DAYMK MISSING             | 11541        | 413NC        | 39/18        |
| 33623.6      | Rattan Bay Restricted Area Light G             | DAYMK MISSING             | 11541        | 413NC        | 39/18        |
| 33623.7      | Rattan Bay Restricted Area Light H             | DAYMK MISSING             | 11541        | 413NC        | 39/18        |



|              |   |                                      |              |              |              |
|--------------|---|--------------------------------------|--------------|--------------|--------------|
| 34290        | Trent River Daybeacon 12                              | STRUCT DEST/TRUB                     | 11552        | 164NC        | 18/21        |
| 34315        | Trent River Lighted Wreck Buoy 20                     | OFF STA/HAZ NAV/TRLB                 | 11552        | 084NC        | 10/22        |
| 34830        | Beaufort Harbor Channel Daybeacon 6                   | STRUCT DEST/TRUB                     | 11547        | NONENC       | 05/22        |
| <b>34910</b> | <b>Calico Creek Entrance Buoy 2</b>                   | <b>MISSING</b>                       | <b>11547</b> | <b>209NC</b> | <b>24/22</b> |
| 35085        | New Jersey Intracoastal Waterway Buoy 31              | MISSING                              | 12324        | 081DB        | 16/22        |
| 35175        | New Jersey Intracoastal Waterway Lighted Buoy 48      | MISSING                              | 12324        | 032DB        | 07/22        |
| 35290        | New Jersey Intracoastal Waterway Buoy 75              | MISSING                              | 12324        | 084DB        | 16/22        |
| 35295        | New Jersey Intracoastal Waterway Buoy 76              | MISSING                              | 12324        | 033DB        | 07/22        |
| 35390        | New Jersey Intracoastal Waterway Buoy 99              | MISSING                              | 12316        | 062DB        | 11/22        |
| 36425        | New Jersey Intracoastal Waterway Daybeacon 384        | STRUCT DMGD/TRLB                     | 12316        | 109DB        | 20/22        |
| <b>36480</b> | <b>New Jersey Intracoastal Waterway Daybeacon 402</b> | <b>LT EXT</b>                        | <b>12316</b> | <b>122DB</b> | <b>24/22</b> |
| <b>36615</b> | <b>New Jersey Intracoastal Waterway Daybeacon 446</b> | <b>LT EXT</b>                        | <b>12316</b> | <b>122DB</b> | <b>24/22</b> |
| 36720        | New Jersey Intracoastal Waterway Daybeacon 479        | STRUCT DEST/TRUB                     | 12316        | 082DB        | 16/21        |
| 36790        | Cape May Canal West Entrance North Jetty Light 11     | STRUCT DEST/REDUCED INT/SS INOP/TRLB | 12316        | 155DB        | 32/20        |
| 37595        | Great Bridge to Albemarle Sound Warning Daybeacon     | STRUCT DEST/TRLB                     | 12206        | 294NC        | 37/21        |
| 37820        | Great Bridge to Albemarle Sound Light 173             | STRUCT DEST/TRLB                     | 11553        | 061NC        | 05/22        |
| 37835        | Alligator River Light 1AR                             | DAYMK MISSING                        | 11553        | 137NC        | 18/22        |
| 38140        | Pungo River Junction Light PR                         | STRUCT DEST/TRLB                     | 11553        | 133NC        | 17/22        |
| 38440        | Russell Slough Junction Light RS                      | STRUCT DEST                          | 11541        | 138NC        | 18/22        |
| 38625        | Morehead City Harbor Channel Daybeacon 8              | STRUCT DEST/TRUB                     | 11547        | 155NC        | 20/22        |
| 39620        | New River - Cape Fear River Light 127                 | STRUCT DEST/TRLB                     | 11541        | 112NC        | 13/22        |
| 39650        | New River - Cape Fear River Daybeacon 135             | STRUCT DEST/TRLB                     | 11541        | 144NC        | 19/22        |
| 39655        | New River - Cape Fear River Light 137                 | STRUCT DEST/TRLB                     | 11541        | 193NC        | 23/22        |
| 39660        | New River - Cape Fear River Daybeacon 138             | STRUCT DEST/TRLB                     | 11541        | 195NC        | 23/22        |
| 39700        | New River - Cape Fear River Daybeacon 149             | STRUCT DEST/TRUB                     | 11534        | 128NC        | 16/22        |
| 39745        | New River - Cape Fear River Daybeacon 157             | STRUCT DEST/TRUB                     | 11534        | 251NC        | 31/21        |
| 39750        | New River - Cape Fear River Daybeacon 159             | STRUCT DEST/TRUB                     | 11534        | 251NC        | 52/21        |
| 39857        | New River - Cape Fear River Light 168                 | STRUCT DEST/TRLB                     | 11534        | 366NC        | 42/21        |
| 39860        | New River - Cape Fear River Daybeacon 170             | STRUCT DEST                          | 11534        | 139NC        | 18/22        |
| 39865        | New River - Cape Fear River Daybeacon 172             | STRUCT DEST/TRLB                     | 11534        | 385NC        | 49/21        |
| 40055        | Cape Fear River - Little River Daybeacon 5            | STRUCT DEST/TRLB                     | 11534        | 161NC        | 19/20        |
| 40060        | Cape Fear River - Little River Light 7                | STRUCT DEST/TRLB                     | 11534        | 477NC        | 51/20        |
| 40065        | Cape Fear River - Little River Daybeacon 8            | STRUCT DEST/TRLB                     | 11534        | 169NC        | 20/20        |
| 40110        | Cape Fear River - Little River Daybeacon 28           | STRUCT DEST/TRUB                     | 11534        | 406NC        | 01/22        |
| 40130        | Cape Fear River - Little River Daybeacon 36           | STRUCT DEST/TRUB                     | 11534        | 276NC        | 34/21        |
| 40285        | Cape Fear River - Little River Daybeacon 63           | STRUCT DEST/TRUB                     | 11534        | 235NC        | 27/20        |
| 40305        | Cape Fear River - Little River Daybeacon 71           | STRUCT DEST/TRUB                     | 11534        | 306NC        | 27/20        |
| 40315        | Cape Fear River - Little River Daybeacon 73           | STRUCT DEST/TRUB                     | 11534        | 178NC        | 20/21        |

|       |  |                  |       |       |       |
|-------|--|------------------|-------|-------|-------|
| 40325 | Cape Fear River - Little River Light 77        | STRUCT DEST/TRLB | 11534 | 307NC | 32/20 |
| 40330 | Cape Fear River - Little River Light 78        | STRUCT DEST/TRLB | 11534 | 214NC | 24/20 |
| 40335 | Cape Fear River - Little River<br>Daybeacon 80 | STRUCT DEST/TRUB | 11534 | 485NC | 49/19 |
| 40360 | Cape Fear River - Little River Light 85        | STRUCT DEST/TRLB | 11534 | 378NC | 40/20 |
| 40385 | Cape Fear River - Little River Light 93        | STRUCT DEST/TRLB | 11534 | 480NC | 51/19 |
| 40395 | Cape Fear River - Little River<br>Daybeacon 97 | STRUCT DEST/TRUB | 11534 | 334NC | 32/20 |
| 40455 | Cape Fear River - Little River Light 117       | STRUCT DEST/TRLB | 11534 | 407NC | 42/20 |
| 40460 | Cape Fear River - Little River Light 119       | STRUCT DEST/TRLB | 11534 | 277NC | 34/21 |

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

| LLNR  | Aid Name                                      | Status            | Chart No. | BNM Ref. | LNM St | LNM End |
|-------|---|-------------------|-----------|----------|--------|---------|
| 2472  | Delaware Bay Main Channel Lighted Buoy 49     | RELIGHTED         | 12311     | 121DB    | 23/22  | 24/22   |
| 8935  | Elk River Channel South Range Front Light     | RELIGHTED         | 12274     | 207MD    | 24/22  | 24/22   |
| 10920 | Hampton River Channel Daybeacon 10            | REBUILT/RECOVERED | 12245     | 009VA    | 01/22  | 24/22   |
| 13020 | Back River Channel Daybeacon 10               | REBUILT/RECOVERED | 12222     | 013VA    | 02/22  | 24/22   |
| 13497 | York River East Range Rear Light              | RELIGHTED         | 12241     | NONEVA   | 24/22  | 24/22   |
| 18691 | Four Mile Run Daybeacon 14                    | WATCHING PROPERLY | 12289     | 193MD    | 23/22  | 24/22   |
| 27315 | Bush River Light 3                            | RELIGHTED         | 12274     | 196MD    | 24/22  | 24/22   |
| 27320 | Bush River Daybeacon 4                        | WATCHING PROPERLY | 12274     | 197MD    | 24/22  | 24/22   |
| 30645 | Lower Midnight Channel North Range Rear Light | RELIGHTED         | 11534     | 201NC    | 24/22  | 24/22   |
| 30820 | Lower Brunswick North Range Front Light       | RELIGHTED         | 11537     | 204NC    | 24/22  | 24/22   |
| 30825 | Lower Brunswick North Range Rear Light        | WATCHING PROPERLY | 11537     | 203NC    | 24/22  | 24/22   |
| 30930 | Fourth East Jetty Range Rear Light            | RELIGHTED         | 11537     | 199NC    | 24/22  | 24/22   |
| 38205 | Goose Creek Daybeacon 17                      | WATCHING PROPERLY | 11553     | 197NC    | 23/22  | 24/22   |
| 39920 | Lower Midnight Channel North Range Rear Light | RELIGHTED         | 11534     | 201NC    | 24/22  | 24/22   |

**DISCREPANCIES (PRIVATE AIDS)**

| LLNR   | Aid Name  | Status             | Chart No. | BNM Ref. | LNM St | LNM End |
|--------|---|--------------------|-----------|----------|--------|---------|
| 192    | DE Wave Lighted Buoy A                          | MISSING            | 12214     | NONEDB   | 18/21  |         |
| 627    | Cape Hatteras Lighted Wave Buoy CDIP 250        | OFF STA            | 11555     | 404NC    | 52/21  |         |
| 958    | Barnegat Light                                  | LT EXT             | 12324     | 247DB    | 01/22  |         |
| 1350   | Ship Channel Buoy 6                             | OFF STA            | 12316     | 091DB    | 18/22  |         |
| 1355   | Ship Channel Buoy 7                             | ADRIFT             | 12316     | 168DB    | 34/20  |         |
| 2973   | Dupont Chambers Diffuser Warning Lighted Buoy A | MISSING            | 12311     | 122DB    | 27/21  |         |
| 3340   | Mantua Creek Outfall Pipeline Light             | LT EXT             | 12313     | 176DB    | 35/21  |         |
| 7915   | Sandy Point State Park Daybeacon 3              | MSLD SIG           | 12282     | 204MD    | 33/20  |         |
| 7925   | Sandy Point State Park Buoy 5                   | MSLD SIG/BUOY DMGD | 12282     | 205MD    | 33/20  |         |
| 7940   | Sandy Point State Park Danger Marker C          | DAYMK MISSING      | 12282     | 208MD    | 33/20  |         |
| 7957.7 | Sandy Point State Park North Beach Buoy 7       | MISSING            | 12270     | 206MD    | 33/20  |         |
| 7957.8 | Sandy Point State Park North Beach Buoy 8       | MISSING            | 12270     | 207MD    | 33/20  |         |
| 9310   | Thimble Shoal Light                             | LT EXT             | 12245     | 172VA    | 33/21  |         |
| 9800   | Portsmouth Marine Terminal Range Front Light    | LT EXT             | 12253     | 217VA    | 43/21  |         |
| 9805   | Portsmouth Marine Terminal Range Rear Light     | LT EXT             | 12253     | 217VA    | 43/21  |         |

|          |   |               |       |         |       |
|----------|---|---------------|-------|---------|-------|
| 10125    | Lynnhaven Roads Fishing Pier Lights (2)               | MISSING       | 12254 | 319HR   | 31/13 |
| 10156    | Crab Creek Entrance Buoy 2CC                          | ADRIFT        | 12254 | 259VA   | 50/20 |
| 10157    | Crab Creek Wreck Buoy WR3A                            | OFF STA       | 12254 | 182VA   | 35/20 |
| 10157.05 | Crab Creek Buoy 7                                     | MISSING       | 12254 | 086VA   | 21/21 |
| 10157.06 | Crab Creek Buoy 8                                     | MISSING       | 12254 | 086VA   | 21/21 |
| 10190    | Lynnhaven River Western Branch Daybeacon 3            | DAYMK MISSING | 12254 | 103VA   | 24/20 |
| 10195    | Lynnhaven River Western Branch Daybeacon 4            | DAYMK MISSING | 12254 | 104VA   | 24/20 |
| 10200    | Lynnhaven River Western Branch Daybeacon 5            | DAYMK MISSING | 12254 | NONEVA  | 37/21 |
| 10205    | Lynnhaven River Western Branch Daybeacon 6            | MSLD SIG      | 12254 | 105VA   | 24/20 |
| 10220    | Lynnhaven River Western Branch Buoy 9                 | DAYMK DMGD    | 12254 | NONEVA  | 37/21 |
| 10225    | Lynnhaven River Western Branch Buoy 10                | OFF STA       | 12254 | 362HR   | 47/17 |
| 10245    | Lynnhaven River Western Branch Daybeacon 14           | STRUCT DEST   | 12254 | 106VA   | 24/20 |
| 10260    | Lynnhaven River Western Branch Daybeacon 17           | DAYMK MISSING | 12254 | NONEVA  | 37/21 |
| 10305    | Lynnhaven River Western Branch Daybeacon 26           | MISSING       | 12222 | 317HR   | 43/19 |
| 10310    | Lynnhaven River Western Branch Daybeacon 27           | STRUCT DMGD   | 12222 | 096HR   | 15/17 |
| 10315    | Lynnhaven River Western Branch Daybeacon 28           | STRUCT DMGD   | 12222 | 097HR   | 15/17 |
| 10331.25 | Lynnhaven River Western Branch Daybeacon 58           | DAYMK MISSING | 12222 | NONEVA  | 37/21 |
| 10332    | Lynnhaven River Eastern Branch Buoy 1EB               | MISSING       | 12254 | 057VA   | 13/22 |
| 10332.01 | Lynnhaven River Eastern Branch Buoy 2EB               | MISSING       | 12254 | 113VA   | 24/21 |
| 10332.03 | Lynnhaven River Eastern Branch Buoy 2A                | MISSING       | 12254 | 057VA   | 13/22 |
| 10332.1  | Lynnhaven River Eastern Branch Buoy 3                 | MISSING       | 12222 | 053HR   | 11/19 |
| 10332.3  | Lynnhaven River Eastern Branch Daybeacon 5            | STRUCT DEST   | 12222 | 115VA   | 24/21 |
| 10333    | Lynnhaven River Eastern Branch Daybeacon 14           | STRUCT DEST   | 12222 | 108VA   | 24/20 |
| 10333.12 | Lynnhaven River Eastern Branch Gills Cove Daybeacon 4 | DAYMK MISSING | 12222 | NONE VA | 37/21 |
| 10333.13 | Lynnhaven River Eastern Branch Gills Cove Daybeacon 6 | DAYMK MISSING | 12222 | NONEVA  | 37/21 |
| 10333.2  | Lynnhaven River Eastern Branch Daybeacon 17           | DAYMK MISSING | 12222 | NONEVA  | 37/21 |
| 10334.6  | Lynnhaven River Eastern Branch Daybeacon 37           | DAYMK MISSING | 12222 | NONEVA  | 37/21 |
| 10334.7  | Lynnhaven River Eastern Branch Daybeacon 38           | DAYMK MISSING | 12222 | NONEVA  | 37/21 |
| 10334.8  | Lynnhaven River Eastern Branch Daybeacon 40           | DAYMK MISSING | 12222 | NONEVA  | 37/21 |
| 10334.9  | Lynnhaven River Eastern Branch Daybeacon 42           | DAYMK MISSING | 12222 | NONEVA  | 37/21 |
| 10762.02 | Lafayette River Northern Branch Daybeacon 2           | DAYMK MISSING | 12245 | 179HR   | 26/19 |
| 10762.03 | Lafayette River Northern Branch Daybeacon 3           | DAYMK MISSING | 12245 | 251HR   | 26/14 |
| 10762.04 | Lafayette River Northern Branch Daybeacon 4           | DAYMK MISSING | 12245 | 180HR   | 33/17 |
| 10762.05 | Lafayette River Northern Branch Daybeacon 5           | DAYMK MISSING | 12245 | 181HR   | 33/17 |
| 10762.08 | Lafayette River Northern Branch Daybeacon 8           | DAYMK IMCH    | 12245 | 270HR   | 37/19 |
| 12055    | Virginia Power Groin Light A                          | LT EXT        | 12253 | 021VA   | 03/20 |
| 12060    | Virginia Power Groin Light B                          | LT EXT        | 12253 | 008VA   | 03/20 |

|          |  |                        |       |        |       |
|----------|--|------------------------|-------|--------|-------|
| 12143.7  | Barrets Point Daybeacon 3                      | DAYMK IMCH             | 12251 | NONEVA | 35/20 |
| 12143.75 | Barrets Point Daybeacon 4                      | DAYMK IMCH             | 12251 | NONEVA | 48/20 |
| 12143.85 | Barrets Point Light 5                          | DAYMK IMCH             | 12251 | NONEVA | 48/20 |
| 12143.9  | Barrets Point Light 6                          | DAYMK IMCH             | 12251 | NONEVA | 48/20 |
| 12645    | James River Bermuda 100 Light A                | LT EXT                 | 12252 | 369HR  | 28/18 |
| 12692    | James River Lighted Data Buoy A                | OFF STA                | 12252 | 135HR  | 07/16 |
| 12692.1  | James River Lighted Data Buoy B                | OFF STA                | 12252 | 137HR  | 07/16 |
| 12855    | Salt Ponds Daybeacon 3                         | DAYMK MISSING          | 12222 | NONEVA | 14/21 |
| 12860    | Salt Ponds Daybeacon 4                         | DAYMK MISSING          | 12222 | 057VA  | 12/21 |
| 12949    | Back River South Channel Daybeacon 1           | STRUCT DEST            | 12222 | 215VA  | 42/20 |
| 12957    | Back River South Channel Junction Daybeacon B  | STRUCT DEST            | 12238 | 315HR  | 22/18 |
| 12962    | Back River South Channel Junction Daybeacon WC | STRUCT DEST            | 12222 | 075VA  | 20/22 |
| 13070    | Harris River Approach Daybeacon 8              | DAYMK MISSING          | 12238 | 089HR  | 14/17 |
| 13960    | Croaker Landing Daybeacon 1                    | STRUCT DEST            | 12243 | 232HR  | 11/18 |
| 13965    | Croaker Landing Daybeacon 2                    | STRUCT DEST            | 12243 | 233HR  | 11/18 |
| 14405    | Green Mansion Cove Daybeacon 2                 | DAYMK IMCH             | 12238 | 285HR  | 38/17 |
| 15003    | Broad Creek Southern Branch Daybeacon 2S       | DAYMK MISSING          | 12235 | 100VA  | 23/20 |
| 15005    | Broad Creek Northern Branch Daybeacon 1N       | MISSING                | 12235 | 107HR  | 20/19 |
| 15010    | Broad Creek Northern Branch Daybeacon 2        | MISSING                | 12235 | 108HR  | 20/19 |
| 15015    | Broad Creek Northern Branch Daybeacon 4        | MISSING                | 12235 | 109HR  | 20/19 |
| 15025    | Broad Creek Northern Branch Daybeacon 7        | DAYMK DMGD             | 12235 | 241HR  | 29/17 |
| 15035    | Broad Creek Northern Branch Daybeacon 9        | DAYMK MISSING          | 12235 | 242HR  | 29/17 |
| 16565    | Lake Conoy Warning Daybeacon C                 | STRUCT DEST            | 12233 | 088MD  | 23/20 |
| 16612    | Coan River Marina Buoy 1                       | MISSING                | 12233 | 081MD  | 21/21 |
| 16613    | Coan River Marina Buoy 2                       | MISSING                | 12233 | 191MD  | 23/22 |
| 16912    | Maryland Historical Trust Mooring Buoy         | MISSING                | 12233 | 106MD  | 23/21 |
| 16972    | Glebe Creek Daybeacon 3                        | DAYMK MISSING          | 12286 | 169MD  | 30/21 |
| 16972.5  | Glebe Creek Daybeacon 4                        | DAYMK MISSING          | 12286 | 149MD  | 30/20 |
| 17495    | Harbor View Daybeacon 6                        | DAYMK MISSING          | 12286 | NONEMD | 30/21 |
| 17840    | Nanjemoy Creek Buoy 4                          | BUOY DMGD              | 12288 | 171MD  | 30/21 |
| 17845    | Nanjemoy Creek Buoy 5                          | OFF STA                | 12288 | 001MD  | 02/21 |
| 17850    | Nanjemoy Creek Buoy 6                          | OFF STA                | 12288 | 180MD  | 31/21 |
| 17860    | Nanjemoy Creek Buoy 9                          | OFF STA                | 12288 | 181MD  | 31/21 |
| 18012    | Aquia Creek Daybeacon 13                       | DAYMK DMGD/STRUCT DMGD | 12288 | 184MD  | 33/20 |
| 18012.3  | Aquia Creek Daybeacon 16                       | DAYMK MISSING          | 12288 | 186MD  | 33/20 |
| 18012.6  | Aquia Creek Daybeacon 18A                      | STRUCT DEST/TRUB       | 12288 | 183MD  | 24/19 |
| 18013.8  | Aquia Creek Daybeacon 29                       | MISSING/STRUCT DEST    | 12288 | 182MD  | 33/20 |
| 18251.1  | Neabsco Creek Channel Lighted Buoy 2           | LT EXT                 | 12289 | 098MD  | 24/20 |
| 18530    | Piscataway Creek Daybeacon 7                   | DAYMK MISSING          | 12289 | 082MD  | 21/21 |
| 18535    | Piscataway Creek Daybeacon 8                   | DAYMK MISSING          | 12289 | 083MD  | 21/21 |
| 18540    | Piscataway Creek Warning Daybeacon A           | STRUCT DEST            | 12289 | 084MD  | 21/21 |
| 18545    | Piscataway Creek Warning Daybeacon B           | STRUCT DEST            | 12289 | 085MD  | 21/21 |
| 18601.01 | National Harbor Channel Light 3                | LT EXT/STRUCT DMGD     | 12289 | 100MD  | 01/21 |
| 18601.06 | National Harbor Channel Light 8                | LT EXT                 | 12289 | 186MD  | 32/21 |
| 18657    | Mirant Potomac River LLC Light A               | LT EXT                 | 12289 | 236MD  | 40/21 |

|              |   |                                  |              |              |              |
|--------------|---|----------------------------------|--------------|--------------|--------------|
| 18659        | Mirant Potomac River LLC Light B          | LT EXT                           | 12289        | 237MD        | 40/21        |
| 18965        | Mill Creek (Patuxent River) Daybeacon 7   | STRUCT DEST/TRLB                 | 12284        | 130MD        | 27/21        |
| 18980        | Mill Creek (Patuxent River) Buoy 11       | MISSING                          | 12284        | 086MD        | 15/21        |
| 19045        | Lewis Creek Buoy 2                        | OFF STA                          | 12284        | 341MD        | 44/20        |
| 19223        | Battle Creek Channel Daybeacon 4          | OFF STA/STRUCT DEST/HAZ NAV/TRLB | 12264        | 214MD        | 30/21        |
| 19270        | Chalk Point Cable Crossing Tower Light A  | LT EXT                           | 12264        | 212MD        | 36/21        |
| 19275        | Chalk Point Cable Crossing Tower Light B  | LT EXT                           | 12264        | 211MD        | 36/21        |
| 19279        | Chalk Point Tower Light C                 | LT EXT                           | 12264        | 213MD        | 36/21        |
| 19350        | South Herrington Harbour Range Rear Light | REDUCED INT                      | 12266        | 144MD        | 28/21        |
| 19355        | South Herrington Harbour Entrance Light 1 | REDUCED INT                      | 12266        | 144MD        | 28/21        |
| 19430        | Herrington Harbour North Light 1          | LT EXT                           | 12266        | 146MD        | 28/21        |
| 19435        | Herrington Harbour North Light 2          | LT EXT                           | 12266        | 147MD        | 28/21        |
| 19845        | Chesapeake Harbor Buoy 3                  | MSLD SIG                         | 12282        | NONEMD       | 33/20        |
| 19850        | Chesapeake Harbor Buoy 4                  | MISSING                          | 12282        | 136MD        | 29/20        |
| 19855        | Chesapeake Harbor Buoy 5                  | MISSING                          | 12282        | 205MD        | 29/20        |
| <b>19855</b> | <b>Chesapeake Harbor Buoy 5</b>           | <b>OFF STA</b>                   | <b>12282</b> | <b>205MD</b> | <b>24/22</b> |
| 19860        | Chesapeake Harbor Buoy 6                  | MSLD SIG                         | 12282        | NONEMD       | 33/20        |
| 19865        | Chesapeake Harbor Buoy 7                  | MISSING                          | 12282        | 204MD        | 29/20        |
| 19870        | Chesapeake Harbor Jetty Light 8           | LT IMCH                          | 12282        | 219MD        | 30/19        |
| <b>19875</b> | <b>Chesapeake Harbor Jetty Light 9</b>    | <b>DAYMK MISSING</b>             | <b>12282</b> | <b>206MD</b> | <b>24/22</b> |
| 19875        | Chesapeake Harbor Jetty Light 9           | LT IMCH/DAYMK MISSING            | 12282        | 206MD        | 30/19        |
| 19920        | Spa Creek Anchorage Buoy A                | MISSING                          | 12283        | 139MD        | 29/20        |
| 19925        | Spa Creek Anchorage Buoy B                | MISSING                          | 12283        | 140MD        | 29/20        |
| 19930        | Spa Creek Anchorage Buoy C                | MISSING                          | 12283        | 141MD        | 29/20        |
| 20067        | Sharps Point Light                        | LT EXT                           | 12283        | 179MD        | 31/21        |
| 20141        | Grays Creek Buoy 1                        | OFF STA                          | 12282        | 201MD        | 34/21        |
| 20150        | Grays Creek Daybeacon 3                   | STRUCT DEST                      | 12282        | 321MD        | 41/19        |
| 20430        | Pennwood Channel Range Front Light        | LT EXT                           | 12278        | 178MD        | 16/20        |
| 20580        | Sparrows Point Ore Pier Lights (2)        | REDUCED INT                      | 12278        | 183MD        | 31/21        |
| 20600        | Sparrows Point Bulkhead Light A           | LT EXT                           | 12281        | 176MD        | 31/21        |
| 20605        | Sparrows Point Bulkhead Light B           | LT EXT                           | 12281        | 177MD        | 31/21        |
| 20630        | Sparrows Point Drydock Light P4           | LT EXT                           | 12278        | 175MD        | 31/21        |
| 20975        | CSX Coal Pier Dolphin Light A             | LT EXT                           | 12281        | NONEMD       | 22/22        |
| 20995        | CSX Ore Pier Obstruction Light E          | STRUCT DEST                      | 12278        | 174MD        | 22/22        |
| 21110        | Shell Oil Company Range Front Light       | LT EXT                           | 12278        | 184MD        | 23/22        |
| 21115        | Shell Oil Company Range Rear Light        | LT EXT                           | 12278        | 185MD        | 23/22        |
| 21195        | Fairfield Channel Range Front Light       | LT EXT                           | 12281        | 186MD        | 23/22        |
| 21200        | Fairfield Channel Range Rear Light        | LT EXT                           | 12281        | 187MD        | 23/22        |
| 21535        | Kings Creek Channel Daybeacon 3           | DAYMK MISSING                    | 12224        | 194VA        | 38/21        |
| 21550        | Kings Creek Channel Daybeacon 8           | LT EXT                           | 12224        | 032VA        | 07/22        |
| 22865        | Jenkins Creek Daybeacon 3                 | STRUCT DEST                      | 12231        | 023MD        | 04/19        |
| 22880        | Jenkins Creek Daybeacon 7                 | STRUCT DEST/TRUB                 | 12231        | 130MD        | 20/17        |
| 24562        | Wallace Creek Daybeacon 4                 | STRUCT DEST                      | 12261        | 078MD        | 20/20        |
| 25070        | Choptank Fishing Pier Warning Daybeacon C | DAYMK MISSING                    | 12268        | 224MD        | 34/20        |
| 25735        | Solitude Creek Daybeacon 1                | LT IMCH                          | 12266        | 092MD        | 10/22        |
| 25780        | Upper Edge Creek Daybeacon 11             | DAYMK MISSING                    | 12266        | 152MD        | 30/20        |

|              |   |                                      |              |              |              |
|--------------|---|--------------------------------------|--------------|--------------|--------------|
| 26135        | Wye River Daybeacon 5                               | STRUCT DEST/TRUB                     | 12270        | 124MD        | 14/22        |
| 26517        | Panhandle Point Lighted Data Buoy A                 | MISSING                              | 12270        | 268MD        | 38/20        |
| 26525        | Castle Harbor Marina Channel Light 1                | DAYMK IMCH                           | 12272        | 191MD        | 33/20        |
| 26535        | Castle Harbor Marina Channel Daybeacon 3            | DAYMK IMCH                           | 12272        | 192MD        | 33/20        |
| 26540        | Castle Harbor Marina Channel Daybeacon 4            | STRUCT DEST/MSLD SIG/TRLB            | 12272        | 193MD        | 33/20        |
| 26545        | Castle Harbor Marina Channel Daybeacon 5            | STRUCT DEST/MSLD SIG/DAYMK IMCH/TRUB | 12272        | 194MD        | 33/20        |
| 26550        | Castle Harbor Marina Channel Daybeacon 6            | STRUCT DEST/MSLD SIG/TRUB            | 12272        | 195MD        | 33/20        |
| 26555        | Castle Harbor Marina Channel Daybeacon 7            | DAYMK IMCH/TRUB                      | 12272        | 196MD        | 33/20        |
| 26560        | Castle Harbor Marina Channel Daybeacon 8            | STRUCT DEST/MSLD SIG/TRUB            | 12272        | 197MD        | 33/20        |
| 26667        | Grays Inn Creek Lighted Data Buoy B                 | MISSING                              | 12272        | 278MD        | 39/20        |
| 26700        | Davis Creek Entrance Daybeacon 2                    | STRUCT DMGD/TRUB                     | 12272        | 267MD        | 44/17        |
| 26757        | Jarrett Creek Lighted Data Buoy D                   | MISSING                              | 12272        | 258MD        | 38/20        |
| 26830        | Chester River Channel Buoy 43                       | ADRIFT                               | 12272        | 225MD        | 38/21        |
| 26847        | Foremans Branch Lighted Data Buoy F                 | MISSING                              | 12272        | 251MD        | 38/20        |
| <b>26876</b> | <b>Swan Creek Buoy 15</b>                           | <b>OFF STA</b>                       | <b>12272</b> | <b>210MD</b> | <b>24/22</b> |
| 27065        | Longs Creek Daybeacon 1                             | STRUCT DEST                          | 12278        | 334MD        | 44/20        |
| 27075        | Longs Creek Daybeacon 4                             | DAYMK IMCH                           | 12278        | 336MD        | 44/20        |
| 27115        | Glenmar Lighted Race Buoy S                         | MISSING                              | 12278        | 046MD        | 06/22        |
| 27255        | Upper Gunpowder River Buoy 7                        | MISSING                              | 12274        | 159MD        | 31/20        |
| 27275        | Upper Gunpowder River Buoy 11                       | DAYMK IMCH                           | 12274        | 321MD        | 31/20        |
| 27896        | Elk River - Welch Point Buoy 2                      | OFF STA                              | 12277        | 077MD        | 08/22        |
| 30905        | Wilmington Marine Center Daybeacon 6                | DAYMK DMGD                           | 11537        | NONENC       | 05/16        |
| 30910        | Wilmington Marine Center Daybeacon 7                | DAYMK DMGD                           | 11537        | NONENC       | 05/16        |
| 31090        | Shalotte Inlet Buoy 3                               | MISSING                              | 11534        | 259NC        | 29/19        |
| 31350        | Colington Harbor Entrance Daybeacon 3               | STRUCT DEST                          | 12205        | NONENC       | 30/17        |
| 31416        | Whitehall Shores Channel Light 1                    | LT EXT                               | 12206        | 264NC        | 32/21        |
| 31416.5      | Whitehall Shores Channel Daybeacon 2                | DAYMK MISSING                        | 12206        | 585NC        | 47/17        |
| 31419.6      | Whitehall Shores West Channel Daybeacon 1           | DAYMK MISSING                        | 12206        | 584NC        | 47/17        |
| 33260        | Texasgulf Entrance Daybeacon 1                      | STRUCT DMGD                          | 11554        | 424NC        | 46/19        |
| 33265        | Texasgulf Entrance Daybeacon 2                      | STRUCT DMGD                          | 11554        | 425NC        | 46/19        |
| 33427.5      | Swan Point Warning Daybeacon B                      | DAYMK MISSING                        | 11552        | 177NC        | 12/15        |
| 33428        | Swan Point Warning Light C                          | DAYMK MISSING                        | 11552        | 178NC        | 12/15        |
| 33428.5      | Swan Point Warning Daybeacon D                      | DAYMK MISSING                        | 11552        | 179NC        | 12/15        |
| 39150        | Cow Creek Channel Daybeacon 9                       | DAYMK MISSING/STRUCT DMGD            | 11541        |              | 16/22        |
| 39463        | Sears Landing Channel Daybeacon 1                   | MISSING                              | 11541        | 268NC        | 30/19        |
| 39621.4      | Bradley Creek Daybeacon 4                           | DAYMK MISSING                        | 11541        | 391NC        | 32/17        |
| 39621.9      | Bradley Creek Light 9                               | LT IMCH                              | 11541        | 414NC        | 34/17        |
| 39623.3      | Bradley Creek Light 14                              | DAYMK IMCH                           | 11541        | 487NC        | 40/17        |
| 39847.4      | Carolina Beach State Park Daybeacon 5               | DAYMK MISSING                        | 11537        | 289NC        | 33/19        |
|              | Barretts Point Lighted Buoy 2                       | OFF STA                              | 12251        | NONEVA       | 31/20        |
|              | Beach Cove South Channel Daybeacon 8                | MISSING                              | 12216        | NONEAC       | 10/06        |
|              | Broad Creek Daybeacon 17 Eastern Branch Elizabeth R | STRUCT DEST                          | 12253        | 377HR        | 50/17        |
|              | Coopers Creek Daybeacon 1 / DNR1250                 | STRUCT DEST                          | 12285        | 056MD        | 18/20        |
|              | Deep Water Point Light 2                            | LT EXT                               | 12316        | 331DB        | 47/19        |

|  |                     |              |              |              |
|--|---------------------|--------------|--------------|--------------|
| Elizabeth River Eastern BR Water Main South Lt | STRUCT DMGD         | 12253        | 125VA        | 27/20        |
| Franklin Street Boat Ramp Light 2              | LT EXT              | 12266        | 353MD        | 45/19        |
| Gardner Creek Daybeacon 2                      | STRUCT DEST         | 12286        | 081MD        | 21/20        |
| Gosnold Hope Channel Daybeacon 2               | STRUCT DEST         | 12222        | NONEHR       | 07/18        |
| Gosnold Hope Channel Daybeacon 6               | STRUCT DEST         | 12222        | 242HR        | 12/18        |
| Great Marsh Boat Ramp Light 1                  | LT EXT              | 12266        | 352MD        | 45/19        |
| Hambleton Cove Daybeacon 1                     | DAYMK MISSING       | 12270        | NONEMD       | 43/20        |
| Hambleton Cove Daybeacon 3                     | DAYMK MISSING       | 12270        | 302MD        | 41/20        |
| Hambleton Cove Daybeacon 5                     | DAYMK MISSING       | 12270        | 302MD        | 41/20        |
| Hungerford Creek Buoy 1                        | MISSING             | 12264        | NONEMD       | 23/21        |
| Island Creek Buoy 10                           | MISSING             | 12272        | 255MD        | 38/20        |
| Island Creek Buoy 12                           | MISSING             | 12272        | 256MD        | 38/20        |
| Island Creek Buoy 14                           | MISSING             | 12272        | 257MD        | 38/20        |
| <b>Lake Placid Ch Buoy 1</b>                   | <b>MISSING</b>      | <b>12278</b> | <b>201MD</b> | <b>24/22</b> |
| Royal Beach Association Buoy                   | MISSING             | 12282        | 065MD        | 18/20        |
| Taylor Crk Dbn 3                               | STRUCT DEST/HAZ NAV | 12226        | 204HR        | 09/18        |
| Waterview Seafood Warning Daybeacon A          | DAYMK MISSING       | 12221        | 300HR        | 39/17        |

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

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

None

**PLATFORM DISCREPANCIES**

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

None

**PLATFORM DISCREPANCIES CORRECTED**

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

None

**SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED**

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

**TEMPORARY CHANGES**

| LLNR | Aid Name                                    | Status                    | Chart No. | BNM Ref. | LNM St | LNM End |
|------|---|---------------------------|-----------|----------|--------|---------|
| 2095 | Rehoboth Bay Channel Buoy 1                 | DISCONTINUED              | 12216     | 219D5    | 16/21  |         |
| 2315 | Murderkill River Buoy 2                     | DISCONTINUED              | 12304     | 217D5    | 16/21  |         |
| 2320 | Murderkill River Buoy 3                     | DISCONTINUED              | 12304     | 217D5    | 16/21  |         |
| 2330 | Murderkill River Buoy 4                     | DISCONTINUED              | 12304     | 217D5    | 16/21  |         |
| 2335 | Murderkill River Buoy 5                     | DISCONTINUED              | 12304     | 217D5    | 16/21  |         |
| 2337 | Murderkill River Buoy 6                     | DISCONTINUED              | 12304     | 217D5    | 16/21  |         |
| 3180 | Marcus Hook Anchorage Buoy B                | DISCONTINUED FOR DREDGING | 12312     | 496D5    | 38/21  |         |
| 9205 | Thimble Shoal Channel Lighted Bell Buoy 1TS | RELOCATED FOR DREDGING    | 12222     | 138D5    | 11/22  |         |
| 9210 | Thimble Shoal Channel Lighted Buoy 2        | RELOCATED FOR DREDGING    | 12254     | 138D5    | 11/22  |         |
| 9215 | Thimble Shoal Channel Lighted Buoy 3        | RELOCATED FOR DREDGING    | 12222     | 138D5    | 11/22  |         |
| 9220 | Thimble Shoal Channel Lighted Buoy 4        | RELOCATED FOR DREDGING    | 12254     | 138D5    | 11/22  |         |

|       |  |                        |       |       |       |
|-------|--|------------------------|-------|-------|-------|
| 9225  | Thimble Shoal Channel Lighted Buoy 5             | RELOCATED FOR DREDGING | 12245 | 138D5 | 11/22 |
| 9230  | Thimble Shoal Channel Lighted Buoy 6             | RELOCATED FOR DREDGING | 12254 | 138D5 | 11/22 |
| 9235  | Thimble Shoal Channel Lighted Buoy 7             | RELOCATED FOR DREDGING | 12254 | 143D5 | 11/22 |
| 9240  | Thimble Shoal Channel Lighted Gong Buoy 8        | RELOCATED FOR DREDGING | 12254 | 143D5 | 11/22 |
| 9255  | Thimble Shoal Channel Lighted Bell Buoy 9        | RELOCATED FOR DREDGING | 12254 | 004D5 | 06/20 |
| 9260  | Thimble Shoal Channel Lighted Buoy 10            | RELOCATED FOR DREDGING | 12254 | 004D5 | 06/20 |
| 9265  | Thimble Shoal Channel Lighted Buoy 11            | RELOCATED FOR DREDGING | 12254 | 060D5 | 06/20 |
| 9270  | Thimble Shoal Channel Lighted Buoy 12            | RELOCATED FOR DREDGING | 12254 | 060D5 | 06/20 |
| 9520  | Elizabeth River Channel Lighted Buoy 10          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 9525  | Elizabeth River Channel Lighted Buoy 11          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 9535  | Elizabeth River Channel Lighted Buoy 13          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 9540  | Elizabeth River Channel Lighted Buoy 14          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 9545  | Elizabeth River Channel Lighted Buoy 15          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 9595  | Elizabeth River Channel Lighted Buoy 17          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 9600  | Elizabeth River Channel Lighted Buoy 18          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 9605  | Elizabeth River Channel Lighted Buoy 19          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 9625  | Elizabeth River Channel Lighted Buoy 21          | RELOCATED FOR DREDGING | 12245 | 518D5 | 49/19 |
| 29745 | New River Channel Daybeacon 15                   | TRUB                   | 11541 | 386D5 | 28/21 |
| 30340 | Cape Fear River Entrance Channel Lighted Buoy 6  | RELOCATED FOR DREDGING | 11537 | 187D5 | 15/22 |
| 30345 | Cape Fear River Entrance Channel Lighted Buoy 7  | RELOCATED FOR DREDGING | 11537 | 185D5 | 15/22 |
| 30350 | Cape Fear River Entrance Channel Lighted Buoy 8  | RELOCATED FOR DREDGING | 11534 | 185D5 | 15/22 |
| 30355 | Cape Fear River Entrance Channel Lighted Buoy 9  | RELOCATED FOR DREDGING | 11534 | 185D5 | 15/22 |
| 30360 | Cape Fear River Entrance Channel Lighted Buoy 10 | RELOCATED FOR DREDGING | 11534 | 185D5 | 15/22 |
| 38885 | Bogue Sound Warning Daybeacon A                  | DISCONTINUED           | 11541 | 638D5 | 46/20 |

**TEMPORARY CHANGES CORRECTED**

| LLNR    | Aid Name                               | Status        | Chart No. | BNM Ref. | LNM St | LNM End |
|---------|--|---------------|-----------|----------|--------|---------|
| 28735.6 | Hatteras Inlet Channel Lighted Buoy 14 | Reestablished | 11555     | 295D5    | 23/22  | 24/22   |
| 28736   | Hatteras Inlet Channel Buoy 15         | Reestablished | 11555     | 295D5    | 23/22  | 24/22   |
| 28753   | Hatteras Inlet Channel Lighted Buoy 17 | Reestablished | 11555     | 295D5    | 23/22  | 24/22   |

**PLATFORM TEMPORARY CHANGES**

| Name        | Status | Position | BNM Ref. | LNM St | LNM End |
|-------------|--------|----------|----------|--------|---------|
| <b>None</b> |        |          |          |        |         |

**PLATFORM TEMPORARY CHANGES CORRECTED**

| Name        | Status | Position | BNM Ref. | LNM St | LNM End |
|-------------|--------|----------|----------|--------|---------|
| <b>None</b> |        |          |          |        |         |



## SECTION IV - CHART CORRECTIONS

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

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

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

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

|   |                 |  |                       |               |   |                                  |
|---|-----------------|--|-----------------------|---------------|---|----------------------------------|
| <b>11541</b>  | <b>42nd Ed.</b> | <b>01-FEB-19</b>   | <b>Last LNM:47/21</b> | <b>NAD 83</b> |   | <b>24/22</b>                     |
| <i>Chart Title: Intracoastal Waterway Neuse River to Myrtle Grove Sound</i>       |                 |  |                       |               |   |                                  |
| <b>CHART NC-AIWW - NEUSE RIVER TO MYRTLE GROVE SOUND. Page/Side: N/A</b>          |                 |  |                       |               |   |                                  |
|   | RELOCATE        | Bogue Sound - New River Lighted Buoy 65A   |                       |               | CGD05<br>from 34-32-43.541N<br>to 34-32-44.238N | 077-19-03.530W<br>077-19-05.045W |
|   | ADD             | Bogue Sound - New River Buoy 66A<br>Red  |                       |               | CGD05<br>at 34-32-45.417N                       | 077-19-00.376W                   |
|   | ADD             | Bogue Sound - New River Buoy 66B<br>Red  |                       |               | CGD05<br>at 34-32-45.056N                       | 077-19-10.734W                   |
| <b>11542</b>  | <b>20th Ed.</b> | <b>01-DEC-17</b>   | <b>Last LNM:47/17</b> | <b>NAD 83</b> |   | <b>24/22</b>                     |
| <i>Chart Title: New River; Jacksonville</i>                                       |                 |  |                       |               |   |                                  |
| <b>CHART NC- NEW RIVER. Page/Side: N/A</b>  |                 |  |                       |               |   |                                  |
|   | RELOCATE        | Bogue Sound - New River Lighted Buoy 65A   |                       |               | CGD05<br>from 34-32-43.541N<br>to 34-32-44.238N | 077-19-03.530W<br>077-19-05.045W |
|   | ADD             | Bogue Sound - New River Buoy 66A<br>Red  |                       |               | CGD05<br>at 34-32-45.417N                       | 077-19-00.376W                   |
|   | ADD             | Bogue Sound - New River Buoy 66B<br>Red  |                       |               | CGD05<br>at 34-32-45.056N                       | 077-19-10.734W                   |
| <b>11548</b>  | <b>43rd Ed.</b> | <b>01-FEB-20</b>   | <b>Last LNM:46/17</b> | <b>NAD 83</b> |   | <b>24/22</b>                     |
| <i>Chart Title: Pamlico Sound Western Part</i>                                    |                 |  |                       |               |   |                                  |
| <b>Main Panel 512 PAMLICO SOUND WESTERN PART NORTH CAROLINA - -. Page/Side: -</b> |                 |  |                       |               |   |                                  |
|   | LAST EDITION    | No new editions of chart 11548 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                       |               | NOS<br>--                                       | --                               |
| <b>11550</b>  | <b>33rd Ed.</b> | <b>01-OCT-19</b>   | <b>Last LNM:46/17</b> | <b>NAD 83</b> |   | <b>24/22</b>                     |
| <i>Chart Title: Ocracoke Inlet and Part of Core Sound</i>                         |                 |  |                       |               |   |                                  |
| <b>Main Panel 514 OCRACOKE INLET &amp; PART OF CORE SOUND - -. Page/Side: -</b>   |                 |  |                       |               |   |                                  |
|   | LAST EDITION    | No new editions of chart 11550 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                       |               | NOS<br>--                                       | --                               |
| <b>11552</b>  | <b>22nd Ed.</b> | <b>01-FEB-18</b>   | <b>Last LNM:47/17</b> | <b>NAD 83</b> |   | <b>24/22</b>                     |
| <i>Chart Title: Neuse River and Upper Part of Bay River</i>                       |                 |  |                       |               |   |                                  |
| <b>Main Panel 515 NEUSE RIVER AND UPPER PART OF BAY RIVER - -. Page/Side: -</b>   |                 |  |                       |               |   |                                  |
|   | LAST EDITION    | No new editions of chart 11552 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster   |                       |               | NOS<br>--                                       | --                               |

Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

|  |  |                  |                       |               |              |    |
|--|--|------------------|-----------------------|---------------|--------------|----|
| <b>11554</b>   | <b>17th Ed.</b>  | <b>01-JAN-12</b> | <b>Last LNM:41/17</b> | <b>NAD 83</b> | <b>24/22</b> |    |
| <i>ChartTitle: Pamlico River</i>   |  |                  |                       |               |              |    |
| <b>Main Panel 524 PAMLICO RIVER. Page/Side: N/A</b>                                    |  |                  |                       |               |              |    |
| LAST EDITION   | No new editions of chart 11554 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | NOS<br>--    | -- |
| <b>11555</b>   | <b>43rd Ed.</b>  | <b>01-SEP-18</b> | <b>Last LNM:18/19</b> | <b>NAD 83</b> | <b>24/22</b> |    |
| <i>ChartTitle: Cape Hatteras-Wimble Shoals to Ocracoke Inlet</i>                       |  |                  |                       |               |              |    |
| <b>Main Panel 525 CAPE HATTERAS WIMBLE SHOALS TO OCRACOCKE INLET - -. Page/Side: -</b> |  |                  |                       |               |              |    |
| LAST EDITION   | No new editions of chart 11555 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | NOS<br>--    | -- |
| <b>12204</b>   | <b>39th Ed.</b>  | <b>01-JUN-18</b> | <b>Last LNM:47/21</b> | <b>NAD 83</b> | <b>24/22</b> |    |
| <i>ChartTitle: Currituck Beach Light to Wimble Shoals</i>                              |  |                  |                       |               |              |    |
| <b>Main Panel 527 CURRITUCK BEACH LT TO WIMBLE SHOALS - -. Page/Side: -</b>            |  |                  |                       |               |              |    |
| LAST EDITION   | No new editions of chart 12204 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | NOS<br>--    | -- |
| <b>12205</b>   | <b>35th Ed.</b>  | <b>01-FEB-17</b> | <b>Last LNM:47/21</b> | <b>NAD 83</b> | <b>24/22</b> |    |
| <i>ChartTitle: Cape Henry to Pamlico Sound, Including Albemarle Sd.; Rudee Heights</i> |  |                  |                       |               |              |    |
| <b>Main Panel 528 CAPE HENRY-PAMLICO SND INCL ALBEMARLE SND VA-NC. Page/Side: _01</b>  |  |                  |                       |               |              |    |
| LAST EDITION   | No new editions of chart 12205 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | NOS<br>--    | -- |
| <b>12216</b>   | <b>31st Ed.</b>  | <b>01-NOV-18</b> | <b>Last LNM:52/21</b> | <b>NAD 83</b> | <b>24/22</b> |    |
| <i>ChartTitle: Cape Henlopen to Indian River Inlet; Breakwater Harbor</i>              |  |                  |                       |               |              |    |
| <b>Main Panel 555 CAPE HENLOPEN TO INDIAN RIVER INLET - -. Page/Side: -</b>            |  |                  |                       |               |              |    |
| LAST EDITION   | No new editions of chart 12216 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | NOS<br>--    | -- |
| <b>12224</b>   | <b>28th Ed.</b>  | <b>01-DEC-18</b> | <b>Last LNM:45/17</b> | <b>NAD 83</b> | <b>24/22</b> |    |
| <i>ChartTitle: Chesapeake Bay Cape Charles to Wolf Trap</i>                            |  |                  |                       |               |              |    |
| <b>Main Panel 562 CHESAPEAKE BAY CAPE CHARLES TO WOLF TRAP - -. Page/Side: -</b>       |  |                  |                       |               |              |    |
| LAST EDITION   | No new editions of chart 12224 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | NOS<br>--    | -- |
| <b>12226</b>   | <b>20th Ed.</b>  | <b>01-NOV-20</b> | <b>Last LNM:45/17</b> | <b>NAD 83</b> | <b>24/22</b> |    |
| <i>ChartTitle: Chesapeake Bay Wolf Trap to Pungoteague Creek</i>                       |  |                  |                       |               |              |    |
| <b>Main Panel 564 CHESAPEAKE BAY WOLF TRAP TO PUNGOTEAGUE CREEK - -. Page/Side: -</b>  |  |                  |                       |               |              |    |
| LAST EDITION   | No new editions of chart 12226 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled   |                  |                       |               | NOS<br>--    | -- |

|   |  |                  |                       |               |              |
|---|--|------------------|-----------------------|---------------|--------------|
| <b>12228</b>  | <b>36th Ed.</b>  | <b>01-JUL-20</b> | <b>Last LNM:41/17</b> | <b>NAD 83</b> | <b>24/22</b> |
| <i>ChartTitle: Chesapeake Bay Pocomoke and Tangier Sounds</i>                                       |  |                  |                       |               |              |
| <b>Main Panel 566 CHESAPEAKE BAY POCOMOKE AND TANGIER SOUNDS - -. Page/Side: -</b>                  |  |                  |                       |               |              |
|   |  |                  |                       | NOS           |              |
| LAST EDITION  | No new editions of chart 12228 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | --           |
| <b>12231</b>  | <b>32nd Ed.</b>  | <b>01-JUN-19</b> | <b>Last LNM:24/17</b> | <b>NAD 83</b> | <b>24/22</b> |
| <i>ChartTitle: Chesapeake Bay Tangier Sound Northern Part</i>                                       |  |                  |                       |               |              |
| <b>Main Panel 569 TANGIER SOUND - NORTHERN PART - -. Page/Side: -</b>                               |  |                  |                       |               |              |
|   |  |                  |                       | NOS           |              |
| LAST EDITION  | No new editions of chart 12231 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | --           |
| <b>12233</b>  | <b>39th Ed.</b>  | <b>01-SEP-17</b> | <b>Last LNM:40/17</b> | <b>NAD 83</b> | <b>24/22</b> |
| <i>ChartTitle: Potomac River Chesapeake Bay to Piney Point</i>                                      |  |                  |                       |               |              |
| <b>Main Panel 570 POTOMAC RIVER-CHESAPEAKE BAY TO PINEY POINT - -. Page/Side: -</b>                 |  |                  |                       |               |              |
|   |  |                  |                       | NOS           |              |
| LAST EDITION  | No new editions of chart 12233 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | --           |
| <b>12235</b>  | <b>36th Ed.</b>  | <b>01-DEC-17</b> | <b>Last LNM:43/17</b> | <b>NAD 83</b> | <b>24/22</b> |
| <i>ChartTitle: Chesapeake Bay Rappahannock River Entrance, Piankatank and Great Wicomico Rivers</i> |  |                  |                       |               |              |
| <b>Main Panel 571 RAPPAHANNOCK RIVER ENTRNCE PIANKATANK-GREAT WICOMICO RIVERS - -. Page/Side: -</b> |  |                  |                       |               |              |
|   |  |                  |                       | NOS           |              |
| LAST EDITION  | No new editions of chart 12235 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | --           |
| <b>12251</b>  | <b>24th Ed.</b>  | <b>01-AUG-13</b> | <b>Last LNM:18/19</b> | <b>NAD 83</b> | <b>24/22</b> |
| <i>ChartTitle: James River Jamestown Island to Jordan Point</i>                                     |  |                  |                       |               |              |
| <b>Main Panel 589 JAMES RIVER JAMESTOWN ISLAND TO JORDAN POINT. Page/Side: N/A</b>                  |  |                  |                       |               |              |
|   |  |                  |                       | NOS           |              |
| LAST EDITION  | No new editions of chart 12251 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | --           |
| <b>12252</b>  | <b>25th Ed.</b>  | <b>01-JAN-13</b> | <b>Last LNM:24/17</b> | <b>NAD 83</b> | <b>24/22</b> |
| <i>ChartTitle: James River Jordan Point to Richmond</i>   |  |                  |                       |               |              |
| <b>Main Panel 590 JAMES RIVER JORDAN POINT TO RICHMOND. Page/Side: N/A</b>                          |  |                  |                       |               |              |
|   |  |                  |                       | NOS           |              |
| LAST EDITION  | No new editions of chart 12252 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | --           |
| <b>12261</b>  | <b>31st Ed.</b>  | <b>01-JAN-17</b> | <b>Last LNM:52/21</b> | <b>NAD 83</b> | <b>24/22</b> |
| <i>ChartTitle: Chesapeake Bay Honga, Nanticoke, Wicomico Rivers and Fishing Bay</i>                 |  |                  |                       |               |              |
| <b>Main Panel 598 HONGA NANTICOKE WICOMICO RIVERS AND FISHING BAY. Page/Side: A</b>                 |  |                  |                       |               |              |
|   |  |                  |                       | NOS           |              |
| LAST EDITION  | No new editions of chart 12261 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       |               | --           |

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|--|--|------------------|-----------------------|------------------------|----------------|
| <b>12263</b>   | <b>58th Ed.</b>  | <b>01-DEC-18</b> | <b>Last LNM:47/21</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Chesapeake Bay Cove Point to Sandy Point</i>                            |  |                  |                       |                        |                |
| <b>Main Panel 603 CHEASAPEAKE BAY COVE POINT TO SANDY POINT - -. Page/Side: -</b>      |  |                  |                       |                        |                |
| ADD  | William P. Lane Jr. Bridge East Channel Fog Signal with Horn   |                  |                       | CGD05 at 38-59-19.670N | 076-21-29.450W |
| <b>12268</b>   | <b>12th Ed.</b>  | <b>01-DEC-15</b> | <b>Last LNM:15/17</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Choptank River Cambridge to Greensboro</i>                              |  |                  |                       |                        |                |
| <b>Main Panel 615 CHOPTANK RIVER CAMBRIDGE TO GREENSBORO. Page/Side: A</b>             |  |                  |                       |                        |                |
| LAST EDITION   | No new editions of chart 12268 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       | NOS --                 | --             |
| <b>12270</b>   | <b>40th Ed.</b>  | <b>01-JUL-19</b> | <b>Last LNM:47/21</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Chesapeake Bay Eastern Bay and South River; Selby Bay</i>               |  |                  |                       |                        |                |
| <b>CHART MD- CHESAPEAKE BAY: EASTERN BAY AND SOUTH RIVER. Page/Side: N/A</b>           |  |                  |                       |                        |                |
| ADD  | William P. Lane Jr. Bridge East Channel Fog Signal with Horn   |                  |                       | CGD05 at 38-59-19.670N | 076-21-29.450W |
| <b>12272</b>   | <b>33rd Ed.</b>  | <b>01-JAN-17</b> | <b>Last LNM:20/19</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Chester River; Kent Island Narrows, Rock Hall Harbor and Swan Creek</i> |  |                  |                       |                        |                |
| <b>Main Panel 622 CHESAPEAKE BAY - MARYLAND CHESTER RIVER. Page/Side: A</b>            |  |                  |                       |                        |                |
| LAST EDITION   | No new editions of chart 12272 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       | NOS --                 | --             |
| <b>12280</b>   | <b>12th Ed.</b>  | <b>01-SEP-20</b> | <b>Last LNM:39/19</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Chesapeake Bay</i>  |  |                  |                       |                        |                |
| <b>CHART MD - VA - CHESAPEAKE BAY. Page/Side: N/A</b>                                  |  |                  |                       |                        |                |
| ADD  | William P. Lane Jr. Bridge East Channel Fog Signal with Horn   |                  |                       | CGD05 at 38-59-19.670N | 076-21-29.450W |
| <b>12282</b>   | <b>38th Ed.</b>  | <b>01-JUL-20</b> | <b>Last LNM:39/19</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Chesapeake Bay Severn and Magothy Rivers</i>                            |  |                  |                       |                        |                |
| <b>Main Panel 641 CHESAPEAKE BAY SEVERN AND MAGOTHY RIVERS - -. Page/Side: -</b>       |  |                  |                       |                        |                |
| ADD  | William P. Lane Jr. Bridge East Channel Fog Signal with Horn   |                  |                       | CGD05 at 38-59-19.670N | 076-21-29.450W |
| <b>12284</b>   | <b>17th Ed.</b>  | <b>01-SEP-14</b> | <b>Last LNM:44/17</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Patuxent River Solomons Island and Vicinity</i>                         |  |                  |                       |                        |                |
| <b>Main Panel 643 PATUXENT RIVER SOLOMONS IS AND VICINITY. Page/Side: A</b>            |  |                  |                       |                        |                |
| LAST EDITION   | No new editions of chart 12284 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       | NOS --                 | --             |
| <b>12285</b>   | <b>43rd Ed.</b>  | <b>01-APR-19</b> | <b>Last LNM:41/17</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Potomac River; District of Columbia</i>                                 |  |                  |                       |                        |                |
| <b>Main Panel 644 POTOMAC RIVER SMITH POINT VA TO BRETON BAY MD - -. Page/Side: -</b>  |  |                  |                       |                        |                |
| LAST EDITION   | No new editions of chart 12285 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                       | NOS --                 | --             |
| <b>12286</b>   | <b>33rd Ed.</b>  | <b>01-AUG-17</b> | <b>Last LNM:34/17</b> | <b>NAD 83</b>          | <b>24/22</b>   |
| <i>ChartTitle: Potomac River Piney Point to Lower Cedar Point</i>                      |  |                  |                       |                        |                |
| <b>Main Panel 661 POTOMAC RIVER PINEY POINT TO LOWER CEDAR POINT - -. Page/Side: -</b> |  |                  |                       |                        |                |

|   |  |           |              |
|---|--|-----------|--------------|
| LAST EDITION  | No new editions of chart 12286 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS<br>-- | --           |
| <b>12287</b>  | <b>19th Ed. 01-SEP-14 Last LNM:45/14 NAD 83</b>  |           | <b>24/22</b> |
| <i>ChartTitle:Potomac River Dahlgren and Vicinity</i>                                     |  |           |              |
| <b>Main Panel 662 POTOMAC RIVER DAHLGREN AND VICINITY. Page/Side: A</b>                   |  |           |              |
| LAST EDITION  | No new editions of chart 12287 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS<br>-- | --           |
| <b>12288</b>  | <b>21st Ed. 01-SEP-13 Last LNM:25/17 NAD 83</b>  |           | <b>24/22</b> |
| <i>ChartTitle:Potomac River Lower Cedar Point to Mattawoman Creek</i>                     |  |           |              |
| <b>Main Panel 663 POTOMAC RIVER LOWER CEDAR POINT TO MATTAWOMAN CREEK. Page/Side: N/A</b> |  |           |              |
| LAST EDITION  | No new editions of chart 12288 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS<br>-- | --           |
| <b>12289</b>  | <b>52nd Ed. 01-FEB-20 Last LNM:41/17 NAD 83</b>  |           | <b>24/22</b> |
| <i>ChartTitle:Potomac River Mattawoman Creek to Georgetown;Washington Harbor</i>          |  |           |              |
| <b>Main Panel 664 POTOMAC RIVER MATTAWOMAN CREEK TO GEORGETOWN - -. Page/Side: -</b>      |  |           |              |
| LAST EDITION  | No new editions of chart 12289 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS<br>-- | --           |
| <b>12314</b>  | <b>34th Ed. 01-DEC-18 Last LNM:52/21 NAD 83</b>  |           | <b>24/22</b> |
| <i>ChartTitle:Delaware River Philadelphia to Trenton</i>                                  |  |           |              |
| <b>Main Panel 672 DELAWARE RIVER-PHILADELPHIA TO TRENTON-MAIN PANEL - -. Page/Side: -</b> |  |           |              |
| LAST EDITION  | No new editions of chart 12314 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS<br>-- | --           |
| <b>12323</b>  | <b>26th Ed. 01-DEC-12 Last LNM:52/19 NAD 83</b>  |           | <b>24/22</b> |
| <i>ChartTitle:Sea Girt to Little Egg Inlet</i>  |  |           |              |
| <b>Main Panel 682 SEA GIRT TO LITTLE EGG INLET. Page/Side: N/A</b>                        |  |           |              |
| LAST EDITION  | No new editions of chart 12323 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS<br>-- | --           |

### SECTION V - ADVANCE NOTICES

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

#### SUMMARY OF ADVANCED APPROVED PROJECTS

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

#### Advance Notice(s)

##### **NJ – INTRACOASTAL WATERWAY – CHANGE BUOYS TO FIXED AIDS**

On or about July 2022 the Coast Guard will make the following changes to the aids to navigation marking the New Jersey Intracoastal Waterway (NJICW). This action is being taken to ensure the visibility of the navigation aids, increase their accuracy throughout the year in the narrow waterway, reduce discrepancies due to ice and decrease the work load on servicing units.  
Change NJICW Buoy 12 (LLNR 35015) to NJICW Daybeacon 14 (LLNR 35015) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 14 (LLNR 35025) to NJICW Daybeacon 14 (LLNR 35025) Triangle Red Dayboard with yellow triangle ICW mark.  
 Change NJICW Lighted Buoy 27 (LLNR 35070) to NJICW Light 27 (LLNR 35070) Flashing Green 4 second Light, Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 31 (LLNR 35085) to NJICW Daybeacon 31 (LLNR 35085) Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 33 (LLNR 35090) to NJICW Daybeacon 31 (LLNR 35090) Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 38 (LLNR 35115) to NJICW Daybeacon 38 (LLNR 35115) Triangle Red Dayboard with yellow triangle ICW mark.  
 Change NJICW Buoy 46 (LLNR 35167) to NJICW Daybeacon 46 (LLNR 35167) Triangle Red Dayboard with yellow triangle ICW mark.  
 Change NJICW Buoy 48 (LLNR 35175) to NJICW Daybeacon 48 (LLNR 35175) Triangle Red Dayboard with yellow triangle ICW mark.  
 Change NJICW Lighted Buoy 52 (LLNR 35195) to NJICW Light 52 (LLNR 35175) Flashing Red, 4 second Light, Red Triangle Dayboard with yellow triangle ICW mark.  
 Change NJICW Buoy 53 (LLNR 35196) to NJICW Daybeacon 53 (LLNR 35196) Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 65 (LLNR 35245) to NJICW Daybeacon 65 (LLNR 35245) Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 67 (LLNR 35250) to NJICW Daybeacon 67 (LLNR 35250) Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 71 (LLNR 35275) to NJICW Daybeacon 71 (LLNR 35275) Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 72 (LLNR 35280) to NJICW Daybeacon 72 (LLNR 35280) Triangle Red Dayboard with yellow triangle ICW mark.  
 Change NJICW Buoy 74 (LLNR 35285) to NJICW Daybeacon 74 (LLNR 35285) Triangle Red Dayboard with yellow triangle ICW mark.  
 Change NJICW Buoy 75 (LLNR 35290) to NJICW Daybeacon 75 (LLNR 35290) Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 76 (LLNR 35295) to NJICW Daybeacon 76 (LLNR 35295) Triangle Red Dayboard with yellow triangle ICW mark.  
 Change NJICW Buoy 79 (LLNR 35305) to NJICW Daybeacon 79 (LLNR 35305) Green Square Dayboard with yellow square ICW mark.  
 Change NJICW Buoy 80 (LLNR 35310) to NJICW Daybeacon 80 (LLNR 35310) Triangle Red Dayboard with yellow triangle ICW mark.  
 Change NJICW Buoy 84 (LLNR 35330) to NJICW Daybeacon 84 (LLNR 35330) Triangle Red Dayboard with yellow triangle ICW mark.

Charts: 12316 12324 LNM: 18/22

**VA –MD – POTOMAC RIVER – UPPER MECHODOC CREEK DAHLGREN – AIDS TO NAVIGATION CHANGE**

On or about June 13, 2022 the Coast Guard will be making the following changed to the aids to navigation marking Upper Machodoc Creek Dahlgren Channel:  
 Remove the words :Dahlgren Channel" from the aid names.  
 Change: Buoy 2 (LLNR 17640) to Light 2UM in approximate position: 38 18 35.927N-76 59 56.020W with a 4nm nominal range flashing 2.5s red light, optic height of 15' and TR dayboards on pile.  
 Change: Buoy 4 (LLNR 17655) to Daybeacon 4 in approximate position: 38 18 42.308N-77 00 34.369W with TR dayboards on pile.  
 Change: Bouy 6 (LLNR 17660) to Daybeacon 6 in approximate position: 38 18 48.906N-77 01 11.536W with TR dayboards on pile.  
 Baber Point Channel:  
 Remove the word "Channel" from the aids names.  
 Change: Buoy 2 (LLNR 17680) to Daybeacon 2B in approximate position: 38 18 04.490N-77 00 39.921W with TR dayboards on pile.  
 Change: Buoy 4 (LLNR 17685) to Daybeacon 4 in approximate position: 38 18 27.804N-7701 09.761W with TR dayboards.

Charts: 12285 12286 12287 LNM: 20/22

**MD – POTOMAC RIVER & FISHING BAY – AIDS TO NAVIGATION CHANGE**

On or about JUNE 6, 2022 the Coast Guard will rename the following aids to navigation:  
 Rename: Wicomico River Junction Buoy WR (LLNR 17250) to Potomac River Junction Buoy PW.  
 Rename: Wicomico River Junction Buoy WR (LLNR 23675) to Wicomico River Junction Buoy WN.

Charts: 12261 12285 12286 LNM: 21/22

**NC – BEAUFORT INLET AND CORE SOUND – BARDEN INLET – CHANGE DAYBEACON 20 TO BUOY 20**

On or about 27 June 2022, due to shoaling and water depth in Barden Inlet, Barden Inlet Daybeacon 20 (LLNR 29230) will be converted to Barden Inlet Buoy 20 (LLNR 29230) to allow servicing and maintenance.

Chart 11545 LNM: 18/22

**NC – BEAUFORT INLET – BEAUFORT HARBOR CHANNEL – AIDS TO NAVIGATION CHANGE**

On or about 01 JUNE 2022 the Coast Guard will renumber Beaufort Harbor Channel aids to navigation to conform to standard numbering practice. Over the years aids have been added and removed and the numbering sequence was not maintained.  
 Change Beaufort Harbor Channel LB 3 (LLNR 34815) to Beaufort Harbor Channel LB 1 (LLNR 34804).  
 Change Beaufort Harbor Channel B 2A (LLNR 34807) to Beaufort Harbor Channel B 4 (LLNR 34807).  
 Change Beaufort Harbor Channel 3A (LLNR 34820) to Beaufort Harbor Channel 3 (LLNR 34806).  
 Change Beaufort Harbor Channel DBN 3B (LLNR 24825) to Beaufort Harbor Channel DBN 5 (LLNR 24825).  
 Change Beaufort Harbor Channel DBN 4 (LLNR 34826) to Beaufort Harbor Channel DBN 6 (LLNR 34826).  
 Change Beaufort Harbor Channel DBN 6 (LLNR 34830) to Beaufort Harbor Channel DBN 8 (LLNR 34830).  
 Change Beaufort Harbor Channel DBN 7 (LLNR 34835) to Beaufort Harbor Channel DBN 9 (LLNR 34835).  
 Change Beaufort Harbor Channel DBN 8 (LLNR 34840) to Beaufort Harbor Channel DBN 10 (LLNR 34840).  
 Change Beaufort Harbor Channel DBN 10 (LLNR 34845) to Beaufort Harbor Channel DBN 12 (LLNR 34845).

Chart 11545 LNM: 13/22

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**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).

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**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**

The Coast Guard is evaluating changes in aids to navigation as noted in the below articles. Users may provide feedback on the Fifth Coast Guard District Waterway Proposals Data/Feedback Form:

[https://www.navcen.uscg.gov/pdf/Inms/D05\\_Proposal\\_Feedback\\_Form.pdf](https://www.navcen.uscg.gov/pdf/Inms/D05_Proposal_Feedback_Form.pdf)

This section also includes Public Notices for proposed changes to the bridges within the Fifth Coast Guard District with a request for comments as indicated.

LNM: 04/20

**NJ & PA – PHILADELPHIA AND CAMDEN WATERFRONTS - DELAWARE RIVER – BIG TIMBER CREEK - PROPOSED BRIDGE**

All interested parties are notified that an application dated April 19, 2022, has been received from the New Jersey Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for construction of a new highway fixed bridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Big Timber Creek, mile 0.8, between Camden and Gloucester Counties, NJ.

**CHARACTER OF WORK:** The proposed project is to provide a modernized and improved Bridge along with drainage improvements that reduces the majority of road closures due to flooding. The existing 5-span bridge will be removed in its entirety and replaced with a 3-span continuous bridge with similar roadway and bridge profile.

The existing fixed bridge has a horizontal clearance of 58 feet and a vertical clearance of 14 feet above mean high water. The replacement bridge will be a fixed bridge with a horizontal clearance of 60 feet and a vertical clearance of 14.73 feet above mean high water.

A copy of Public Notice D05PN-04-2022, which describes the proposal in detail, can be obtained by calling (757) 398-6587 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than June 24, 2022.

Chart 12313

LNM: 20/22

**DE-DELAWARE BAY-CEDAR CREEK- PROPOSED BRIDGE**

All interested parties are notified that the Commander, Fifth Coast Guard District has received a proposal from the Delaware Department of Transportation with plans for replacement of an existing highway drawbridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Cedar Creek, mile 0.5, at Cedar Beach, Sussex County, DE.

**CHARACTER OF WORK:** The proposed project is to replacing the existing bobtail swing moveable bridge and its approaches with a single leaf Dutch bascule span and reconstructing the approach spans as well as the approach roadway. The purpose of the project is to maintain the SR 36 Bridge in a good state of repair and operation for both vehicular and waterway traffic.

The existing drawbridge has a horizontal clearance of 22 feet and a vertical clearance of 4 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The replacement bridge will be a drawbridge with a horizontal clearance of 27 feet and a vertical clearance of 4 feet above mean high water in the closed position and unlimited vertical clearance in the open position.

A copy of Preliminary Public Notice D05PPN-05-2022, which describes the proposal in detail, can be obtained by calling (757) 398-6557 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than July 5, 2022.

Chart 12304

LNM: 21/22

**MD – SANDY POINT TO SUSQUEHANNA RIVER – CRAIGHILL CHANNEL – SEASONAL ICE CONDITION CHANGE**

The Coast Guard is proposing changing the seasonal ice condition from "Replaced by LIB of reduced intensity from Dec. 1 to Mar. 15." To "Replaced by LIB of reduced intensity when endangered by ice." For all of the aids to navigation marking the Craighill Channel. Craighill Channel Entrance Lighted Buoy 1C (LLNR 8005) to Craighill Channel Lighted Buoy 26 (LLNR 8140). Additionally; remove the word "Channel" from the aid names and remove the word "Entrance" from Craighill Lighted Buoy 1C (LLNR 8005) and Craighill Lighted Buoy 2 (LL 8010).

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/Inms/D05\\_Proposal\\_Feedback\\_Form.pdf](https://www.navcen.uscg.gov/pdf/Inms/D05_Proposal_Feedback_Form.pdf)

All comments will be carefully considered and are requested prior to July 11, 2022 to be considered in the analysis. Refer to project number 05-22-033(D).

Send comments to [CGD5Waterways@uscg.mil](mailto:CGD5Waterways@uscg.mil), or mail to:

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

Charts: 12273 12278

LNM: 20/22

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**SECTION VII - GENERAL**

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

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**MA – RI – NY – NJ – DE – MD – VA – NC – OFF SHORE OCEAN RESEARCH EQUIPMENT – OCEAN SURVEY OPERATIONS**

SAILDRONE, INC. is conducting oceanographic surveys in collaboration with the University of Rhode Island on the eastern seaboard between May

**MA – RI – NY – NJ – DE – MD – VA – NC – OFF SHORE OCEAN RESEARCH EQUIPMENT – OCEAN SURVEY OPERATIONS**

11th, 2022 and October 30th, 2022. The survey will be conducted by four (4) Unmanned Surface Vehicles (USVs), called saildrones, each 23ft in length, 16ft tall, orange in color with a white all-round light and marked "SAILDRONE". The saildrones will deploy from Newport, RI to conduct offshore surveys along the Gulf Stream to meet research objectives. All drones are uncrewed and wind and solar powered and will have limited maneuverability during survey operations. Mariners are requested to transit areas with caution and to remain greater than 500 meters away from the research equipment.

Enclosure (7) of this Local Notice to Mariners provides a photo and a description of the Saildrone,

Questions regarding saildrone operations should be directed to Saildrone Mission Control, [missioncontrol@saildrone.com](mailto:missioncontrol@saildrone.com) or (510) 722-6070.

LNM: 20/22

**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 Shoals; thence westerly back to Wallops Island shoreline.

Charts: 12210 12211

**\*\*\*\*VA – CHESAPEAKE BAY – CAPE CHARLES TO NORFOLK HARBOR - JOINT EXPEDITIONARY BASE LITTLE CREEK FORT STORY – 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: 12222 12254

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

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

- Willoughby Bay

- Thimble Shoal Channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.

- An area of the Chesapeake Bay, adjacent to the Thimble Shoal Channel from Thimble Shoal to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

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

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

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and capsized small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Charts: 12200 12205 12221 12222 12245 12254

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

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

Chart 12241

LNM: 37/20

**VA – POTOMAC RIVER – NAVAL SURFACE WARFARE CENTER DAHLGREN – TEST RANGE/EXPLOSIVES EXPERIMENTAL AREA**

The Naval Surface Warfare Center Dahlgren Division operates the Potomac River Test Range and the Explosive Experimental Area (Pumpkin Neck). These facilities are used by our military to conduct munitions testing and should be avoided while testing is in progress.

Daily range schedule can be found at: <https://www.navsea.navy.mil/Home/Warfare-Centers/NSWC-Dahlgren/NSWCDD-Range-Schedule/> or by calling Range / Weapons Testing Hotline: 877-845-5656 (toll free) for daily updates on range operation and test schedules.

Noise Questions & Comments: Call NSF Dahlgren: 540-653-8153 to comment or ask a question about noise or vibrations you think are being caused by operations at Dahlgren.

For more information on NSWC Dahlgren's range schedule, contact the NSWCDD Public Affairs Office, (540) 653-8154.

Chart 12288

LNM: 20/22



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

The U.S. Navy has established four permanent mine warfare training fields within the Virginia Capes Operating Areas. The bounding coordinates for each field are as follow:

AREA A: 37-09.0N 075-31.0W, 37-09.0N 075-34.7W, 37-12.0N 075-31.0W, 37-12.0N 075-34.7W.

AREA B: 36-29.0N 075-31.8W, 36-29.0N 075-35.5W, 36-26.0N 075-35.5W, 36-26.0N 075-31.8W.

AREA C: 36-29.0N 075-20.8W, 36-29.0N 075-24.5W, 36-26.0N 075-24.5W, 36-29.0N 075-20.8W.

AREA D: 36-46.5N 075-47.8W, 36-46.5N 075-46.5W, 36-47.5N 075-46.5W, 36-47.5N 075-47.8W.

Each area contains inert bottom and moored training mines that pose a potential hazard to dredging operations and trawler nets. All moored mines are placed at a minimum of 40 feet depth (MLLW) to preclude them as hazards to navigation.

Chart 12200

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

The Camp Pendleton State Military Reservation Live Fire Small Arms Range described as "all of the waters seaward of the mean high water shore line within a sector between radial lines extending 13,500 yards seaward and bearing 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

**DREDGING AND MARINE CONSTRUCTION CAUTIONS**

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

**\*\*\*\*NY - NJ - DE - MD - NC - RIGHT WHALE VOLUNTARY VESSEL SPEED RESTRICTION ZONE\*\*\*\***

NOAA Fisheries announces a voluntary vessel speed restriction zone under the Right Whale Slow Zones

NOAA requests mariners to route around this zone or transit through it at ten knots or less.

Program is currently in effect in the following areas:

\*\*\*\*CURRENTLY NO ACTIVE VOLUNTARY VESSEL SPEED RESTRICTION ZONES IN DISTRICT 5\*\*\*\*

For more information, consult the U.S. Coast Pilot. MSR arrival reports can be sent via TELEX number 48156090 or email to rightwhale.msr(at)noaa.gov.

NOAA's updated Compliance guide for Right Whale Ship Strike Reduction Rules is located at:

<https://www.fisheries.noaa.gov/national/endangered-species-conservation/reducing-ship-strikes-north-atlantic-right-whales>.

See ENC 6.

Chart 13003

LNM: 46/21

**NJ - FIRE ISLAND TO SEA GIRT - SEACOAST - GEOPHYSICAL SURVEYING**

S. T. Hudson Engineers, Inc. (Hudson) will be conducting geophysical surveys from approximately June 5, 2022 through June 25, 2022, nearshore from Asbury Park NJ. Survey Area North-West extent, 40 14 05N, 74 00 04W, South-East extent, 40 12 27N, 73 59 11W.

Geophysical survey operations will be conducted from the MV BELLA MARIE during daylight hours only, 7 days a week. The MV BELLA MARIE is a 38-ft aluminum hulled catamaran. Geophysical survey equipment will be towed behind the vessel and maneuverability of the vessel will be restricted. Please note that some of the equipment will be towed subsurface at a distance of up to 600ft behind the vessel. Mariners are advised to use caution when transiting near the survey vessel and give a wide berth and slow bell.

The vessel's captain will monitor Channel 16 continuously throughout the survey. For more information contact Steven MacDonald - 757-457-2947.

Chart 12326

LNM: 23/22

**NJ - MANASQUAN - ATLANTIC CITY - MARINE SURVEY**

Orsted North America is conducting a geotechnical survey in Barnegat Bay starting 10 June 2022. This survey is to understand the soil characteristics of the sea floor to support the design and installation of the export cable from the Ocean Wind 01 wind farm to onshore power distribution. See ENC 5 for more information.

Chart 12326

LNM: 23/22

**NJ - SANDY HOOK TO LITTLE EGG HARBOR - LITTLE EGG HARBOR - HAZARD TO NAVIGATION**

A cofferdam has been installed in Little Egg Harbor approximately one mile northwest of Ham Island. In approximate position, 39° 36' 33.744" N, 074° 14' 24.179" W. The structure extends approximately 10' above the water line and is surrounded by yellow painted pilings. Six of these pilings have white lights placed on top of them. Mariners are advised to exercise caution when transiting the area.

Chart 12324

LNM: 14/21

**PA - SCHUYLKILL RIVER - CSX RAILROAD BRIDGE DEVIATION**

Until further notice, vessels wishing to transit through the CSX Railroad Bridge on the Schuylkill River should only do so on the western navigational span of the bridge. Due to storm damage a temporary power cable has been placed across the eastern navigation span of the bridge rendering passage unsafe. Mariners are advised to proceed with caution through the western navigation span only, and heed visual indicators of the blocked eastern span.

Chart 12313

LNM: 42/21

**NJ – DELAWARE BAY – DELAWARE RIVER – RANCOCAS CREEK - TEMPORARY DEVIATION**

Mariners are advised that a temporary deviation has been approved by the Coast Guard to test the seasonal operating regulation of the US Route 543 (Riverside-Delanco) Bridge across Rancocas Creek, mile 1.3, at Burlington County, NJ. The bridge will be maintained in the closed-to-navigation position from 7 a.m. to 3 p.m., and from 8 p.m. to 11 p.m., Monday through Friday, from 7 a.m. to 1 p.m., and from 8 p.m. to 11 p.m., Saturday and Sunday, and from 11 p.m. to 7 a.m., daily, from May 4, 2022, through October 15, 2022. The vertical clearance of the bridge in the closed-to-navigation position is 4 feet above mean high water. Vessels able to safely pass through the bridge in the closed-to-navigation position may do so at any time. The bridge will be able to open in case of an emergency and there is no immediate alternate route for vessels to pass. This deviation will test whether a permanent change to the schedule is needed and to solicit comments from the public regarding these proposed changes. Comments will be received for the record identified by the docket number USCG-2022-0221 using Federal Decision Making Portal at <http://www.regulations.gov>; and must be submitted on or before August 1, 2022. At all other times the bridge will operate per 33 CFR 117.745 (b).

Chart 12314

LNM: 20/22

**PA – NJ – PHILADELPHIA TO TRENTON – UPPER DELAWARE RIVER – KINKORA RANGE – SUBMERGED OBJECT**

A submerged object has been reported within Kinkora Range near the centerline of the channel at approximate position 40 7.51 north latitude, 074 46.52 west longitude. Water depth in the area may be reduced to approximately 36 feet at mean low low water. Mariners are advised to proceed with extreme caution when transiting the area and avoid this location if possible.

Chart 12314

LNM: 23/22

**DE/NJ – DELAWARE RIVER - SMYRNA RIVER TO WILMINGTON – DELAWARE RIVER (MAIN CHANNEL) - BRIDGE PAINTING**

Mariners are advised that work is in progress to conduct painting operations at the Delaware Memorial Bridge, at mile 68.9, across the Delaware River at New Castle, DE through October 2022. Work platforms have been installed, reducing the available vertical clearance by approximately five feet from 175 feet to 170 feet, above mean high water. Mariners should use extreme caution when transiting the area.

Chart 12311

LNM: 45/21

**DE - DELAWARE BAY - MISPELLION RIVER - EMERGENCY BRIDGE CLOSURE**

Mariners are advised that the highway drawbridge – Route 1/Rehoboth Blvd. Bridge across Mispillion River, mile 11.0, at Milford, DE has sustained a causality and will not be capable of normal operations. The bridge will remain in the closed position until further notice. Vessels able to transit through the bridge in the closed position may do so at any time. The vertical clearance of the bridge in the closed-to-navigation position is 5 feet above mean high water. The bridge will not be able to open for emergency vessels. Mariners should adjust their transits accordingly and should use extreme caution when transiting the area.

Chart 12304

LNM: 10/22

**DE-CAPE HENLOPEN TO INDIAN RIVER INLET-BREAKWATER HARBOR-BROADKILL RIVER - BRIDGE MODIFICATION**

Mariners are advised that a construction firm, on behalf of Delaware Department of Transportation, are modifying the existing Bridge 3-155 N&S (SR 1/SR 14/Coastal Highway) Bridge over Broadkill River, Mile 8.08, near Milton, Sussex County, DE. Modification activities which began October 2021, are expected to be finished on September 30, 2022. Work is and will be on-going 24-hours per day, seven days a week.

The project will involve replacement of the deck and steel superstructures of the fixed highway bridge; make minor modifications to the supporting concrete piers to support the new superstructures; replace the existing pile jackets at all piers; replace the existing riprap on the slopes to stabilize the embankments; complete minor approach highway work to tie the roadways into the new bridge decks; and bridge painting. The modified bridge will be a fixed bridge with a horizontal clearance of 50 feet and a vertical clearance of 16.5 feet above mean high water. 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.

Crane barges, material barges, support vessels and crew boats are and will be operating or stationed in and around the vicinity of the existing bridge during the duration of the project. Vessels can transit through the bridge unrestricted, at all times. Mariners should navigate the waterway with extreme caution on the waterway.

R.E. Pierson Construction Co., Inc.'s work vessels and barges are and will continue to monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The DelDOT Resident Engineer may be contacted at (302) 853-1349 or (302) 542-3590 and R.E. Pierson Construction Co., Inc.'s project foreman may be contacted at (609) 743-7167 or (609) 743-0092.

Chart 12216

LNM: 23/22

**DE – CAPE HENLOPEN TO INDIAN RIVER INLET; BREAKWATER HARBOR**

Mariners are advised that an engineering firm, on behalf of Delaware Department of Transportation, removed the Lewes Railroad Swing Bridge, mile 2.2, across Lewes and Rehoboth Canal, at Lewes, DE. A cofferdam was installed February 22, 2022, the fender piled and pier are anticipated to be removed by April 1, 2022. Due to fisheries time of year restriction the cofferdam will be removed October 7, 2022. Horizontal clearance of the canal will be constricted by approximately 5 feet until October 7, 2022. Mariners should use caution when transiting the area.

Chart 12216

LNM: 09/22

**MD – CHESAPEAKE BAY – TANGIER SOUND – MANOKIN RIVER – REEF CONSTRUCTION**

Murtech Inc. will begin underwater reef construction starting June 16, 2022 in the Manokin River, Somerset County, MD. All barges will be lighted as required. Tug Privateer, crew boat Tenacious, and survey vessel MD Salvor will monitor VHF channels 16 and 13. For more information, contact Charles Dolbey – (410) 251- 3812.

Chart 12231

LNM: 21/22

**MD – CHESAPEAKE BAY – CHOPTANK RIVER – BILL BURTON FISHING PIERS – WARNING TO WATERCRAFT OPERATORS**

Due to safety concerns at the Bill Burton Fishing Piers, located along the Choptank River at the Bill Burton Fishing Pier State Park in Talbot and Dorchester Counties, MD, the Maryland Department of Natural Resources is warning watercraft to maintain a minimum distance of 100 feet from the fishing piers at all times until further notice. Signage posted warns of a possible danger of falling debris should boating traffic allide with these structures. Interested mariners can contact the Duty Ranger at 443-477-0526.

Chart 12266

LNM: 46/21

**MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – CHESAPEAKE CHANNEL – BRIDGE CONSTRUCTION**

Mariners are advised that bridge construction at the William P. Lane Jr. Memorial (US 50/301) Bridge will impact one of two installed northbound foghorns through June 30, 2022. One southbound foghorn and one northbound foghorn will remain active during this time. Interested mariners can contact the project administrator at telephone number 443-468-4545. Mariners are urged to use caution when transiting the area.

**MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – CHESAPEAKE CHANNEL – BRIDGE CONSTRUCTION**

Chart 12263

LNM: 09/22

**MD- CHESAPEAKE BAY-SEVERN AND MAGOTHY RIVERS-SEVERN RIVER - BRIDGE INSPECTION**

Mariners are advised that an engineering firm, on behalf of Maryland State Highway Administration, will be performing maintenance on the US 50/US 301/SR 2 (John Hanson Highway/Severn River/Pearl Harbor Memorial) Bridge over the Severn River, mile 4.3, near Annapolis, MD. The inspection will be conducted from 7 a.m. to 5 p.m.; Monday through Friday; from June 20, 2022, through June 24, 2022. An inspection vessel and divers will be operating in the vicinity of the bridge to provide access for inspection. Inspection personnel, and vessel will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channels 13 and 16. The project foreman can be reached at (716) 697-0863. Mariners should notify the work foreman no less than 5 minutes prior to transiting through the bridge. Mariners should use extreme caution when navigating through the area.

Chart 12282

LNM: 23/22

**MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR– PATAPSCO RIVER – TEST BORING OPERATIONS**

Test boring operations are scheduled to occur in Baltimore Harbor from May 23, 2022 to on/about June 23, 2022, at Patapsco River between the south side of Cox Creek and White Rocks Light (LLNR 20370). Work will be conducted Monday–Friday, from 7 a.m. to 5 p.m., and may include weekends to make up weather days if needed. Marine equipment includes the spud barge "151" (85' x 44' x 5.5') and the tugs "RISING SUN", "CAPT. STEVE", & "MISS DEE" for the duration of the project. If weather allows, the spud barge will remain overnight close to the drilling locations, but clear of any navigation channels. All equipment will be clearly marked and lighted as required by U. S. Coast Guard regulations. To prevent damage to the gear, mariners operating nearby are requested to proceed at a reduced safe speed that minimizes wake at the work site. Interested mariners can contact the support tug, while working, on marine band radio VHF-FM channels 16 and 13.

Chart 12278

LNM: 19/22

**MD - CHESAPEAKE BAY - SANDY POINT TO SUSQUEHANNA RIVER - UPPER CHESAPEAKE**

Hazard to navigation - a USACE survey conducted on April 05, 2022 has identified shoaling to a depth of 33 feet at mean lower low water in the Upper Chesapeake Channel within the channel boundaries between Upper Chesapeake Channel Lighted Buoy 38 LLNR 8640 and Upper Chesapeake Channel Lighted Buoy 38A LLNR 8770.

Chart 12273

LNM: 20/22

**\*\*\*\*MD – CHESAPEAKE BAY - SANDY POINT TO SUSQUEHANNA RIVER– ELK RIVER CHANNEL- PIW TRAINING\*\*\*\***

Person in water (PIW) training exercises will be conducted from June 14, 2022 to June 17, 2022, at Elk River between the east side of Elk Neck State Park and south of Elk River Channel Lighted Buoy 18 (LLNR 9045) from approximately 10 a.m. to 4 p.m. The training will include the use of a 20' Boston Whaler, 19' pontoon boat and a 15' kayak and recovery of in-water objects. Mariners should use extreme caution when transiting the area. Interested mariners can contact the on scene vessels via marine band radio VHF-FM channels 16 and 69.

Charts: 12273 12274

LNM: 23/22

**MD-HEAD OF CHESAPEAKE BAY-SUSQUEHANNA RIVER - BRIDGE INSPECTION**

Mariners are advised that an engineering firm, on behalf of AMTRAK, will be performing an inspection on the Conrail Bridge over Susquehanna River, mile 1.0, at Havre De Grace, MD. The inspection will be conducted from 6 a.m. to 6 p.m.; Saturday and Sunday; with primary work dates of Saturday June 18, 2022, and Sunday June 19, 2022, with alternative work dates of Saturday August 20, 2022, and Sunday August 21, 2022. Inspection personnel and a safety vessel will be located in and around the vicinity of the bridge. Inspection 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 can be reached at (410) 652-0981. Mariners should use caution navigating through the area.

Chart 12274

LNM: 23/22

**VA – MD – POTOMAC RIVER – CHESAPEAKE BAY TO PINEY POINT - ST. MARYS RIVER – PIER CONSTRUCTION**

Pier construction operations are scheduled to occur along the eastern shoreline of the St. Marys River, at the Coppage Pier in Drayden, MD from June 24, 2022 to July 24, 2022. The work will be conducted Mondays through Saturdays, from 7 a.m. to 5 p.m. The project consists of the construction of a 550' x 6' timber pier, 10' x 6' "L" platform, 4' x 10' "L" lower platform, 3' x 15' stairwell and the installation of two boat lifts, two PWC lifts and four mooring piles in approximate position 38°09'30.03" N, 076°27'08.10" W. During that period, a 30' x 80' construction barge and a 25' workboat will be on scene. 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, and operate at minimum speed necessary to maintain safe course near the work site. Interested mariners can contact the on scene work vessels via marine band radio VHF-FM channels 16 and 13.

Chart 12233

LNM: 23/22

**VA – MD – POTOMAC RIVER – LOWER CEDAR POINT TO MATTAWOMAN CREEK – BRIDGE CONSTRUCTION**

Pier protection/fender construction and bridge deck construction operations are scheduled to continue adjacent to the Federal Navigation Channel at the New Harry W. Nice / Thomas "Mac" Middleton (US 301) Bridge on the Potomac River in Newburg, MD through June 30, 2022. This work will potentially occur 24 hours per day, 7 days per week. Federal navigation channel closures or restrictions will be required periodically. Such actions will be minimized to the extent possible and will not be required every day, but could be needed any day, pending weather, equipment, and other factors. When a federal navigation channel closure is required, in addition to establishing a temporary safety zone in the area, the Coast Guard Captain of the Port Maryland-National Capital Region will issue a broadcast notice to mariners to announce its action to the affected segments of the public.

A. For the following work, when needed (on an intermittent basis only), a federal navigation channel restriction of up to 125 feet (horizontal clearance) is required, allowing at least 125 feet open and available to navigation. The bridge project maintains flexibility to accommodate transits of large vessels in the channel with reasonable notice.

- (1) Structural cross-member steel erection/bolt-up over the channel through mid-March.
- (2) Bridge deck construction over the channel from mid-March through end of April.
- (3) Concrete closure pours between the segments will continue through June.
- (4) Pier protection precast fender ring setting, six of the ten segments, through June.

B. For the following work, each setting will require two days of federal channel closure, for total of approximately 8 days of non-continuous channel closures. Bridge project anticipates these closures will require a day shift closure between 7 AM and 8 PM, allowing the federal navigation channel to be open and available between 8 PM and 7 AM during this phase of work. For this phase of work, a Coast Guard temporary safety zone encompassing the federal navigation channel is required.

**VA – MD – POTOMAC RIVER – LOWER CEDAR POINT TO MATTAWOMAN CREEK – BRIDGE CONSTRUCTION**

(1) Pier protection precast fender ring setting, remaining four of the ten segments (two corner pieces at each pier/ring), late April/May. Temporary support piling immediately adjacent to the pier protection fender ring construction alongside of the Federal Navigation Channel. The temporary piles will be lit with white flashing lights. Large vessels in transit that require use of the Federal Navigation Channel during the work period described, must provide at least 24 hours advanced notice, to either Mr. Mike Baker at (443) 286-1780 or Mr. Brent Hunt at (757) 544-3964. Mariners can contact the on scene work vessels via marine band radio VHF-FM channels 16 and 13.

Charts: 12287 12288

LNM: 11/22

**\*\*\*\*MD – VA – POTOMAC RIVER – LOWER CEDAR POINT TO MATTAWOMAN CREEK – NICE/MIDDLETON BRIDGE CONSTRUCTION – SAFETY ZONE\*\*\*\***

To facilitate the setting of bridge pier protection fender ring precast segments adjacent to the federal navigation channel at the new Gov. Harry W. Nice/Sen. Thomas "Mac" Middleton Memorial (US-301) Bridge, located between Charles County, MD and King George County, VA, through July 1, 2022, the Coast Guard is extending the duration of a temporary safety zone established for certain navigable waters of the Potomac River through 8 p.m. on July 1, 2022. The safety zone includes all navigable waters of the Potomac River, encompassed by a line connecting the following points beginning at 38°21'50.96" N, 076°59'22.04" W, thence south to 38°21'43.08" N, 076°59'20.55" W, thence west to 38°21'41.00" N, 076°59'34.90" W, thence north to 38°21'48.90" N, 076°59'36.80" W, and east back to the beginning point, located between Charles County, MD and King George County, VA. These coordinates are based on datum NAD 83. At times, until 8 p.m. on July 1, 2022, the safety zone will be enforced when the large crane barge and its associated anchoring equipment are required to be positioned within the federal navigation channel. The critical heavy lift operations will impede vessels requiring the use of the channel in this area. The large crane barge and its equipment, however, are not expected to be within the federal navigation channel continuously through July 1, 2022. The Coast Guard will issue a Broadcast Notices to Mariners via VHF-FM marine band radio about the status of the safety zone. Under the general safety zone regulations in subpart C of 33 CFR part 165, except for marine equipment operated by Skanska-Corman-McLean, Joint Venture, or its subcontractors, you may not enter the safety zone described unless authorized by the Captain of the Port Maryland-National Capital Region (COTP) or the COTP's designated representative. To seek permission to enter, contact the COTP or the COTP's representative by telephone number 410-576-2693 or on Marine Band Radio VHF-FM channel 16. Those in the safety zone must comply with all lawful orders or directions given to them by the COTP or the COTP's designated representative. The U.S. Coast Guard may be assisted in the patrol and enforcement of the safety zone by Federal, State, and local agencies. Vessel traffic not required to use this section of the federal navigation channel may be able to safely transit around the safety zone under the next bridge span to the east or the west of the federal navigation channel, but do so at their own discretion. A "bridge work—danger—stay AWAY" sign facing the northern and southern approaches of the navigation channel will be posted on the sides of the marine equipment on-scene within the location described. Interested persons can contact U.S. Coast Guard Sector Maryland-NCR Waterways Management Division at telephone number (410) 576-2674 or (410) 576-2693.

Charts: 12287 12288

LNM: 23/22

**VA – MD – POTOMAC RIVER – LOWER CEDAR POINT TO MATTAWOMAN CREEK – NICE / MIDDLETON BRIDGE CONSTRUCTION**

Bridge replacement operations are scheduled to continue adjacent to the Federal Navigation Channel at the New Harry W. Nice / Thomas "Mac" Middleton (US 301) Bridge on the Potomac River in Newburg, MD through November 2024. A new 6-knot speed limit is now being enforced for 0.5 nautical miles north and south of the bridge. Wakes from speeding boats can create major hazards for construction operations and workers. Mariners are reminded to heed the speed limit markers established by the State of Maryland when transiting the area, so that wake does not affect the platforms and barges at the work site. For more information, visit [www.nicemiddletonbridge.com](http://www.nicemiddletonbridge.com) or call 888-994-1415.

Charts: 12287 12288

LNM: 18/21

**VA – MD – DC - POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGETOWN- WOODROW WILSON MEMORIAL**

Mariners are advised that the I-95/I-495 (Woodrow Wilson Memorial Bridge) across the Potomac River, at mile 103.8 Between Alexandria, VA, and Oxon Hill, MD at this time does not have a bridge tender. A 12 hour advanced notice will be required for any openings for Marine traffic. Any Mariners requesting transit should contact 443-997-5957.

Mariners should use extreme caution when transiting the areas.

Charts: 12285 12289

LNM: 05/22

**VA – SEACOAST – SEAFLOOR SURVEYING**

U.S. Naval Research Laboratory, Stennis Space Center will conduct Seafloor surveying in coastal waters off Assateague Island National Seashore. Deploying and retrieving scientific instruments on the seafloor. SCUBA divers and survey platforms will be in the water during operations in daylight hours. Seabed instrument moorings will be deployed in 25ft water depth. Seabed moorings present relief no greater than 7ft and there will be no surface buoys left on site.

Main operations bounded by box with corner coordinates 38-03'45"N 75-08'0"W 38-2'0"N 75d-11'30"W. Benthic moorings will be placed at 2 locations within bounding box in 25ft of water between 9-13 May to 20-24 June 2022. All operations will be conducted in Daylight.

M/V Tiki XIV monitor: Channel 16. For more information contact Stephanie Dohner [Stephanie.Dohner.ctr@nrlssc.navy.mil](mailto:Stephanie.Dohner.ctr@nrlssc.navy.mil) 937-681-3749.

Chart 12211

LNM: 19/22

**\*\*\*\*VA - ATLANTIC OCEAN - WALLOPS ISLAND – ROCKET LAUNCH\*\*\*\***

Mariners are advised 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 in 33 CFR 334.130) as shown on Nautical Ocean Service chart 12210, will be hazardous to navigation because of a rocket launch during the periods and times stated below. The primary launch date is scheduled for Wallops Island, VA on; June 23, 2022 from 05:15 am to 12:45 am (Est), with the following back up dates and times: June 24, 2022 from 05:15 am to 12:45 am (Est) until launched.

The following public ship avoidance area will be in effect during these launch windows bound by: a 7.15 nautical mile hazard area approximately 5.4 nautical miles east of Wallops Island launch pad at centerpoint position 37-48.73N /75-22.42"W, and 24.4 nautical mile hazard area approximately 37.1 km nautical miles east of Wallops Island launch pad at centerpoint position 37-36.17N /74-45.62"W.

Mariners planning on operating in these areas are requested to contact "Wallops Plot" via VHF-FM Ch. 12 or Ch. 22 or via landline at (757) 824-1685. For any concerns contact surveillance coordinator Jordan West at (757) 824-2949 or launch director John Dickerson at (757) 894-2094. See ENC 8.

Chart 12210

LNM: 22/22

**VA – HAMPTON ROADS – HAMPTON ROADS BRIDGE TUNNEL – FORT WOOL BIRD HABITAT**

On or around March 15, 2022, Coastal Management Group will be mooring 3 deck barges SSW of Fort Wool as a temporary habitat for nesting

**VA – HAMPTON ROADS – HAMPTON ROADS BRIDGE TUNNEL – FORT WOOL BIRD HABITAT**

birds, during the Hampton Roads Bridge Tunnel Project. Barges will be moored in approximate position 36-59-07.96N, 076-18-05.96W. For more information contact Matt Anders (757) 298.0627,manders@cmgroupva.com. Barges will remain until September 30, 2022.

Charts: 12222 12245

LNM: 10/22

**VA – HAMPTON ROADS – HAMPTON ROADS BRIDGE TUNNEL (HRBT) – BRIDGE CONSTRUCTION/ISLAND EXPANSION**

Mariners are advised that a construction firm, on behalf of Virginia Department of Transportation, will be constructing new approach bridges to replace the I-64/US 60 (Hampton Roads Beltway) North and South Approach Bridges, across Hampton Roads, at mile 0.0, between Norfolk, VA and Hampton, VA, commonly referred to as the Hampton Roads Bridge-Tunnel (HRBT). Construction activities will begin March 15, 2021, and are expected to continue through November, 2025. Marine construction activity will take place 24-hours per day, seven days a week.

The replacement north approach bridge will be a fixed bridge with a horizontal clearance of 80 feet and a vertical clearance of 16 feet above mean high water at position 37° 00' 24.12" N, 76° 19' 18.84" W for the west span and at position 37° 00' 24.48" N, 76° 19' 15.60" W for the east span.

The replacement south approach bridge will be a fixed bridge with a horizontal clearance of 100 feet and a vertical clearance of 16 feet above mean high water at position 36° 58' 15.24" N, 76° 18' 03.96" W. 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 approach bridge spans or located within specific Mooring Areas or Safe Harbor locations.

Bridge Structures/Work Trestles & Islands – Mariners are advised to maintain a safe distance of 300 feet from all HRBT bridge structures/work trestles, HRBT North Island, and HRBT South Island. Construction managers may establish safe transit corridors through bridge structures/work trestles as construction activity permits. Work trestles will be constructed extending out from the North and South shorelines next to the existing trestles for the duration of the bridge construction to facilitate construction activity. Each pile will be lit by a flashing white light.

Hampton Flats Mooring Area – As charted. Changes pending. This area will contain six mooring buoys, lighted with flashing white lights, for the exclusive use of vessels involved in the HRBT Expansion project. The corners of the mooring area are marked with yellow buoys with flashing yellow lights. Mariners should use caution when transiting the area.

Phoebus Safe Harbor Area – As charted. Changes pending. This area will only be used by HRBT Expansion project vessels in advance of a severe weather event that requires the vessels to be securely anchored or spudded down in that location. The corners of the safe harbor area are marked with yellow buoys with flashing yellow lights. When utilized, mariners should keep clear of the area.

Willoughby Bay Mooring and Safe Harbor Area – As charted. This area contains a straight row of mooring pilings for the exclusive use of vessels involved in the HRBT Expansion project. The two end pilings are marked with a solid red light and each interior piling is marked with a solid yellow light. The perimeter of the mooring and safe harbor area is marked with yellow buoys with flashing yellow lights. Mariners are advised to keep clear of the mooring/safe harbor area.

Communications: Hampton Roads Connector Partners tugs and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the project area. To reach an on-scene manager, contact Shannon Gresham 757-685-3392 or Kareem Myers 757-256-9715. You may also contact Hampton Roads Connector Partners at 757-373- 4799 and/or email MarineOps@hrcpjv.com. In case of emergency, please contact USCG Sector Virginia Command Center on VHF-FM Channel 16 or 757-483-8567. Project information may be found at <https://hrbtexpansion.org>.

Charts: 12222 12245

LNM: 44/20

**VA - HAMPTON ROADS-WILLOUGHBY BAY - BRIDGE MODIFICATION**

Mariners are advised that a construction firm, on behalf of Virginia Department of Transportation, will be modifying the existing bridge I-64/US 60 (Hampton Roads Beltway/Willoughby Bay) Bridge across Willoughby Bay, mile 1.5, at Norfolk, VA, commonly called the Willoughby Bay Bridge. Construction activities will begin on June 7, 2021, and are expected to continue through December, 2023. Marine construction activity will take place 24-hours per day, seven days a week.

The project will involve widening the existing two-lane eastbound and westbound structures into two four-lane structures. This will be done by constructing an additional vehicular lane on each side of the existing eastbound structure and constructing an additional vehicular lane on each side of the existing westbound structure. The modified bridge will be a fixed bridge with a horizontal clearance of 50 feet and a vertical clearance of 25 feet above mean high water. 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 spans or located within the specific Mooring/Safe Harbor area.

Bridge Structures/Work Trestles: Mariners are advised to maintain a safe distance of 300 feet to the south and 50 feet to the north from the Willoughby Bay Bridge. Construction managers may establish safe transit corridors through bridge trestles as construction activity permits. Work trestles will be constructed extending on out from the North and South shorelines.

Willoughby Mooring and Safe Harbor Area – As charted. Mariners are advised to keep clear of the mooring/safe harbor area and are not permitted entry or mooring within the exclusion zone throughout the duration of the project.

Communications: Hampton Roads Connector Partners tugs and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the project area. To reach an on-scene manager, contact Eric Satterwaite 484-477-2108. You may also contact Hampton Roads Connector Partners at 757-536- 9863 and/or email MarineOps@hrcpjv.com. In case of emergency, please contact USCG Sector Virginia Command Center on VHF-FM Channel 16 or 757-483-8567. Project information may be found at <https://hrbtexpansion.org>.

Charts: 12222 12245

LNM: 23/21

**VA – NORFOLK HARBOR AND ELIZABETH RIVER – TEMPORARY BRIDGE DEVIATION**

Mariners are advised that the U.S. 460/S.R. 337 (Berkley) Bridges, across the Elizabeth River-Eastern Branch, at mile 0.4 in Norfolk, VA, will be maintained in the closed-to-navigation position to replace the electrical junction box for the south span from 7 a.m. on Wednesday, June 15, 2022, to 11:59 p.m., on Sunday, June 19, 2022. The drawbridge has two spans, each with double-leaf bascule draws, and both spans have a vertical clearance in the closed position of 48 feet above mean high water. Vessels able to pass through the bridges in the closed position may do so at anytime. The bridge spans will not be able to open in case of an emergency and there is no immediate alternate route for vessels to pass. Mariners should use caution when transiting the area.

Chart 12252

LNM: 20/22

**VA-NORFOLK HARBOR AND ELIZABETH RIVER-SOUTH BRANCH OF ELIZABETH RIVER**

**VA-NORFOLK HARBOR AND ELIZABETH RIVER-SOUTH BRANCH OF ELIZABETH RIVER**

Mariners are advised that the railroad drawbridge – Belt Line Railroad Bridge across Atlantic Intracoastal Waterway (AIWW), South Branch of the Elizabeth River, mile 2.6, between Portsmouth, VA and Chesapeake, VA, will be maintained in the closed-to-navigation position to facilitate an inspection of the bridge. The bridge will maintained in the closed position from 8 a.m. through 4 p.m. on June 21, 2022, with an alternative date of June 23, 2022. The bridge will open on signal for scheduled openings at 10:30 a.m. and at 2:30 p.m. The bridge will be able to open for emergencies, if at least 30 minutes notice is given. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. The project foreman may be reached at (757) 633-2241 and on VHF-FM channel 13. Vessels able to pass through the bridge in the closed position may do so at any time. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.997(a). Mariners should adjust their transits accordingly and should use caution when transiting the area.

Chart 12253

LNM: 22/22

**VA - NEWPORT NEWS TO JAMESTOWN ISLAND - JAMES RIVER – GEOTECHNICAL SURVEY**

Aries Marine will be conducting geotechnical surveying in Lower Chesapeake Bay approximately .75 nm SW of Hampton Roads Bridge Tunnels starting on June 13, 2022 to June 20, 2022. The Ram VII will need a slow bell and minimum wake during periods that she is positioning, elevating or lowering. When repositioning is necessary it will occur near slack tide. Once elevated, clear of the water, and stable, normal operating speeds can be used. Ram VII will maintain a 24 hr radio comms watch, VHF CH 16/14/13 and will check in with VTS VA. This work is being done under supervision of the US Navy staff on-board with daily communication with the military airfield control tower and port vessel control. The RAM VII will work day light hours only and will arrive on site after 07:00 each day and will depart before 19:00 daily. For more information contact David Hunt, Jr., Captain 337-254-8969 or David Morgan (Project Manager Ashore) 609-675-4342.

Chart 12248

LNM: 21/22

**VA – ELIZABETH RIVER & YORK RIVER – OYSTER RESEARCH**

EPA will be conducting oyster cages deployment for research. All cages will be 1ft off the bottom, marked with appropriate buoy, and outside the navigation channel. Cages will be launched from a 21ft Boston Whaler. For more information, contact Chief Scientist, Amy Bergdale. 515-250-4213.

Charts: 12241 12248

LNM: 23/22

**VA – CHESAPEAKE BAY - RAPPAHANNOCK RIVER ENTRANCE - MILFORD HAVEN INLET, HILLS BAY – BRIDGE DEVIATION**

Mariners are advised that the Virginia Department of Transportation has requested a temporary deviation of the operating schedule for the State Route 223 drawbridge across Milford Haven Inlet, mile 0.1, at Hudgins, VA. To maintain operational capability of the swing span prior to repairs being performed in 2022, the drawbridge will open on signal for vessel traffic at 2 a.m., 5 a.m., 8 a.m., 11 a.m., 7 p.m. and 10 p.m., daily, from February 3, 2022, through July 18, 2022. Vessels able to pass through the drawbridge in the closed position may do so at any time. The vertical clearance of the drawbridge in the closed-to-navigation position is 12 feet above mean high water. The drawbridge will be able to open for emergency vessels. Mariners should adjust their transits accordingly and use extreme caution when transiting the area.

Chart 12235

LNM: 06/22

**\*\*\*\*VA - NC – Cape Henry to Pamlico Sound – Including Albemarle Sound – Bridge Temporary Navigation Span\*\*\*\***

Mariners are advised that the Coast Guard has designated span 34, between bents 33 and 34, as a temporary navigation span for the Marc Basnight Bridge (NC-12) over Oregon Inlet, mile 0.5, between Rodanthe and Nags Head, Dare County, NC. Span 34 provides a vertical clearance of approximately 37 feet above mean high water and a horizontal clearance of approximately 120 feet between the 180-degree red channel margin bridge lights. The approaches to span 34 have been marked with short-range aids-to-navigation. Bridge lighting will be installed in span 34 in June 2022. Vessels of 100 or greater gross tons should avoid transiting the bridge until further notice and shall not transit span 34 of the bridge. Mariners should transit span 34 of the bridge with extreme caution and due regard for the reduced navigational clearances, lack of a bridge fender system, and the prevailing conditions of the waterway associated with shoaling.

Chart: 12205

LNM: 24/22

**NC – OREGON INLET - BRIDGE – TEMPORARY NAVIGATION SPAN**

Mariners are advised that the Coast Guard has designated span 34, between bents 33 and 34, as a temporary navigation span for the Marc Basnight Bridge (NC-12) over Oregon Inlet, mile 0.5, between Rodanthe and Nags Head, Dare County, NC. Span 34 provides a vertical clearance of approximately 37 feet above mean high water and a horizontal clearance of approximately 146 feet. The approaches to span 34 have been marked with short-range aids-to-navigation. Bridge lighting will be installed in span 34 in early June 2022. Vessels of 100 or greater gross tons should avoid transiting the bridge until further notice and shall not transit span 34 of the bridge. Mariners should transit span 34 of the bridge with extreme caution and due regard for the reduced navigational clearances, lack of a bridge fender system, and the prevailing conditions of the waterway associated with shoaling.

Chart 12204

LNM: 22/22

**NC – OREGON INLET – SHOALING**

Severe shoaling exists spanning the width of the channel inside the bar between Oregon Inlet Buoy 3 (LLNR 27985), Oregon Inlet Buoy 4 (LLNR 27990), and Oregon Inlet Lighted Buoy 6 (LLNR 28003). Depths reported of 4ft MLW IAW most recent USACOE survey. See SEC NC BNM 169-22. A new navigational channel at Oregon Inlet has been established. The previous Oregon Inlet Channel on the west side of the Marc Basnight Bridge (NC-12), between spans 23 and 31, has been disestablished due to severe shoaling. Span 34, between bents 33 and 34, has been designated as the temporary navigation span for the Marc Basnight Bridge (NC-12) over Oregon Inlet, mile 0.5, between Rodanthe and Nags Head, Dare County, NC. Span 34 provides a vertical clearance of approximately 37 feet above mean high water and a horizontal clearance of approximately 146 feet. Mariners should transit this area with extreme caution and due regard for the reduced navigational clearances, lack of a bridge fender system, and shoaling in the waterway. See SEC NC BNM 189-22.

Chart 12204

LNM: 21/22

**\*\*\*\*NC – PAMLICO SOUND - NEUSE RIVER – MARINE CORPS AIR STATION CHERRY POINT - NOTICE OF LIVE FIRING\*\*\*\***

Marine Corps Air Station (MCAS) Cherry Point, Notice of Live Firing. Live fire operations being conducted which effect/impact these areas. Hancock Creek adjacent to MCAS Cherry Point (waters in Hancock Creek north of Cahoque Creek into the Neuse River located at the Mouth of Hancock Creek), Piney Island (BT-11), and Brandt Island (BT-9):

**\*\*\*\*NC – PAMLICO SOUND - NEUSE RIVER – MARINE CORPS AIR STATION CHERRY POINT - NOTICE OF LIVE FIRING\*\*\*\***

NONE SCHEDULED.

Commanding Officer, MCAS Cherry Point will not restrict public access to Public Trust Waters outside of the Danger Zones. This Notice serves to identify the possible hazards associated when Boating in this area. This area will not be patrolled by Military Personnel or vessels. Contact the MCAS Cherry Point Range Management Department at (252) 466-4040/2939 for questions or further information.

Charts: 11548 11552

LNM: 51/17

**\*\*\*\*NC - NEW RIVER - CAMP LEJEUNE - FIRING EXERCISES\*\*\*\***

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 a 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:

1. Restricted areas in the new river, as shown on National Ocean Service chart 11542 that will be closed to navigation because of stone bay rifle range firing exercises during the following periods:

Stone Creek Sector 12:01 a.m. to midnight daily

Stone Bay Sector 12:01 a.m. to midnight daily

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

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

Traps Bay Sector 12:01 a.m. to midnight daily

Courthouse Bay Sector 12:01 a.m. to midnight daily

Stone Bay Sector 12:01 a.m. to midnight daily

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

Grey Point sector 12:01 a.m. to midnight daily

Farnell Bay sector sunrise to sunset daily

Morgans Bay sector sunrise to sunset daily

Jacksonville sector sunrise to sunset daily

2. 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:

3. 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.

4. 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.

4A. 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.

5. Range control boats, MCIE-MCB CAMLEJ North Carolina monitor channel 16 VHF-FM (156.8 mhz) and the working channel 82 VHF-FM (161.725 mhz). Range Control can be reached by phone at 910-451-3064 or 4449.

Charts: 11541 11542 11543

LNM: 10/22

**NC – CAPE FEAR RIVER – OBSTRUCTION**

There is an underwater obstruction in the Cape Fear River in Wilmington, NC. The object is on the east side of the navigable channel, north of the battleship, in approximate position 34°14'31.3"N 077°57'12.3"W. Mariners are advised to use caution while navigating in this area.

Chart 11537

LNM: 40/20

**SECTION VIII - LIGHT LIST CORRECTIONS**

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

| (1)<br>No. | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                 | (8)<br>Remarks   |
|------------|---|---------------------------------|-----------------------|---------------|--------------|----------------------------------|--|
| 7975       | <b>William P. Lane Jr.<br/>Bridge East Channel<br/>Fog Signal</b> | 38-59-19.670N<br>076-21-29.450W |                       |               |              |                                  | HORN: 1 blast ev 20s (2s<br>bl). Operates during<br>periods of low visibility<br>only.<br>Private Aid. |
|            | Suspended from center<br>of channel span.                         |                                 |                       |               |              |                                  |  |
|            |   | *                               |                       |               |              |                                  |  |
| 7975.1     | <b>William P. Lane Jr.<br/>Bridge East Channel<br/>Fog Signal</b> | 38-59-15.690N<br>076-21-31.200W |                       |               |              |                                  | Horn: 1 blast ev 20s (2s<br>bl). Operates during periods<br>of low visibility only.<br>Private Aid.    |
|            | Suspended from center<br>of channel span.                         |                                 |                       |               |              |                                  |  |
|            | *   | *                               | *                     | *             | *            | *                                | *  |
| 39237      | Bogue Sound - New River<br>Buoy 66A                               | 34-32-45.417N<br>077-19-00.376W |                       |               |              | Red nun with yellow<br>triangle. | 24/22  |
|            | *   | *                               | *                     | *             | *            | *                                | *  |

## SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

| (1)<br>No. | (2)<br>Name and Location                        | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure              | (8)<br>Remarks |
|------------|---|---------------------------------|-----------------------|---------------|--------------|-------------------------------|----------------|
| 39240      | <i>Bogue Sound - New River Lighted Buoy 65A</i> | 34-32-44.238N<br>077-19-05.045W | Q G                   |               |              | Green with yellow square.     |                |
|            |   | *                               |                       |               |              |                               |                |
| 39243      | Bogue Sound - New River Buoy 66B                | 34-32-45.056N<br>077-19-10.734W |                       |               |              | Red nun with yellow triangle. | 24/22          |
| *          | *   | *                               | *                     | *             | *            | *                             | *              |

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**PUBLICATION CORRECTIONS**


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**ENCLOSURES**


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**Enclosures**

1. Summary of Shoaling.
  2. Summary of Bridge Regulations/Construction/Permits.
  3. Summary of Dredging and Construction.
  4. Summary of Marine Events.
  5. Summary of Offshore Renewable Energy Installations.
  6. Right Whale Slow Zone.
  7. SAILDRONE - Offshore Ocean Survey.
  8. Wallops Island Rocket Launch.
  9. SAILDRONE - Offshore Hurricane Survey.
- 
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**SUMMARY OF SHOALING REPORTED  
IN THE FIFTH COAST GUARD DISTRICT  
ENCLOSURE (1)**

**NEW OR UPDATED INFORMATION**

New, updated or very important information in this enclosure will be highlighted in yellow.

**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 5 - 6ft at MLW.  
Chart 12316

**NJ – INTRACOASTAL WATERWAY – LITTLE EGG HARBOR TO CAPE MAY INLET – SHOALING**

The shoal adjacent to New Jersey Intracoastal Waterway Light 132 (LLNR 35550) and New Jersey Intracoastal Waterway Daybeacon 130A (LLNR 35537) has encroached approximately 25-50yds into the channel. Depths of 2-3' at MLW. Shoaling to 2' MLW has been observed on the red side of the channel between New Jersey Intracoastal Waterway Light 132 (LLNR 35550) and New Jersey Intracoastal Waterway Daybeacon 130A (LLNR 35537). SEC DB BNM 124-20  
Chart 12316

**NJ – BARNEGAT INLET - OYSTER CREEK CHANNEL – SHOALING**

Hazard to navigation - There has been a report of shoaling in the NJICW in the vicinity of Oyster Creek Channel Buoy 39 (LLNR 1093), encroaching channel ward to an approximate water depth of two and a half feet. SEC DB BNM 226-21  
Chart 12323

**NJ – BARNEGAT INLET – SHOALING**

Sector Delaware Bay is notifying mariners that there is shoaling reported at the entrance of Barnegat bay inlet. The shoaling is reported in the main navigation channel between Barnegat Inlet Buoys 3 (LLNR 915) and 4 (LLNR 925) and between Barnegat Inlet Lighted Buoys 9 (LLNR 950) and 11 (LLNR 995). Mariners are advised to use extreme caution when transiting Barnegat Bay Inlet as some depths at mean low low water could be hazardous to navigation, especially during extreme weather events. If you have any questions, regarding the content of this message, please contact the waterways Management staff at (215) 271-4814 or the command center at (215) 271-4807. See SEC DB BNM 107-21.  
Chart 12323

**NJ – INTRACOASTAL WATERWAY – MANASQUAN INLET TO CAPE MAY INLET – SHOALING**

Shoaling has been reported in the New Jersey Intracoastal Waterway (NJICW) 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 Daybeacon 58 (LLNR 35215) to Buoy 75 (LLNR 35290).  
NJICWW Junction Light LB (LLNR 35420) to Light 109 (LLNR 35430).  
North side of Tow Island at NJICWW Daybeacon 129 (LLNR 35530).  
NJICWW Daybeacon 128 (LLNR 35525) to Light 132 (LLNR 35550).  
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 Buoy 246 (LLNR 35955) Broad Thoroughfare.  
Between NJICWW Light 260 (LLNR 36000) and Buoy 266 (LLNR 36020).  
Between NJICWW Daybeacon 272 (LLNR 36035) and Daybeacon 282 (LLNR 36070) in Peck Bay.  
Between NJICWW Daybeacon 344 (LLNR 36285) to Daybeacon 354 (LLNR 36320).  
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 Daybeacon 457 (LLNR 36655) Grassy Sound. Ref LNM 24/17  
NJICWW Light 465 (LLNR 36675) to Buoy 473 (LLNR 36705).  
Chart 12316, 12324

**NJ – LITTLE EGG INLET – SHOALING**

Shoaling has been observed between Little Egg Inlet Lighted Buoy 10 (LLNR 1131) and Little Egg Inlet Lighted Buoy 8 (LLNR 1129). Shoaling has encroached channel ward in between the aids. Little Egg Inlet Buoy 8 (1129) is no longer marking best water.  
Chart 12318

**NJ-NEW JERSEY INTRACOASTAL WATERWAY- LITTLE EGG HARBOR TO CAPE MAY – SHOALING**

The shoal running from New Jersey Intracoastal Waterway Daybeacon 439 (LLNR 36585) to New Jersey Intracoastal Waterway Light 431 (LLNR 36560) has encroached approx 50 to 100 yds into the channel. Depths of 1-2' at MLW. Shoaling to less than 2' MLW has been observed on the red side of the channel between New Jersey Intracoastal Waterway Light 436 (LLNR 36575) and New Jersey Intracoastal Waterway Daybeacon 434 (LLNR 36570).  
Chart 12316

### **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. Chart 12311

### **PENNSYLVANIA SHOALING**

#### **PA – DE – NJ – DELAWARE RIVER – MARCUS HOOK RANGE – SHOALING**

Shoaling has occurred in the Delaware River in approximate position 39-48.18791, 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 – DELAWARE BAY - MURDERKILL RIVER – SHOALING**

Shoaling has been observed in Murderkill River throughout entire waterway, shoaling to 2-4 feet at mean low water. The following seasonal buoys in Murderkill River were unable to be established due to shoaling.

- A. Murderkill River Buoy 2 (LLNR 2315).
- B. Murderkill River Buoy 3 (LLNR 2320).
- C. Murderkill River Buoy 4 (LLNR 2330).
- D. Murderkill River Buoy 5 (LLNR 2335).
- E. Murderkill River Buoy 6 (LLNR 2337).

Murderkill River Light 1 (LLNR 2300) has been changed to Murderkill River Warning Light A (LLNR 2300) NW Dayboards worded Danger Shoal and Murderkill Range Front Light 7 (LLNR 2305) has been changed to Murderkill Range Front Warning Light (LLNR 2305) NW Dayboards worded Danger Shoal due to shoaling. The front and rear range which remain operational. Sector DB BNM 078-21. Chart 12304

#### **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 MI (LLNR 4436). Depths of 0.0 ft at times, during low tide, are reported. Chart 12216

#### **DE – DELAWARE BAY – REHOBOTH BAY – SHOALING**

Shoaling reported by unit during seasonal establishment April 7 2021. Shoaling observed from entrance to Rehoboth-Lewis canal south to Rehoboth Bay Cchannel Buoy 3 (LLNR 2100), depths 2-4 feet at mean low water. Rehoboth Bay Channel Buoy 1 (LLNR 2095) was not able to be established. DB BNM 080-21 Chart 12304

#### **DE – REHOBOTH BAY – INDIAN RIVER – BACKERS CHANNEL – SHOALING**

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. Ref LNM 26/17 Chart 12216

#### **DE – INDIAN RIVER BAY – WHITE CREEK – SHOALING**

Shoaling was observed in White Creek to 2 – 5 feet at MLW. Floating Aids to Navigation have been discontinued while fixed aids to navigation have been converted to Warning Daybeacons with "Danger Shoal" on them. SEC DB 055-20 Chart 12216

### **MARYLAND SHOALING**

#### **MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - OCEAN CITY INLET – SHOALING**

Hazard to navigation- a USACE survey conducted on March 08, 2022 has identified shoaling between Ocean City Inlet Lighted Buoy 8 (LLNR 4745) and Ocean City Inlet Lighted Buoy 10 (LLNR 4750) extending from the north to mid-channel to depths of less than 9.5 feet at mean low water. Shoaling has also been identified on the south side of the channel between Ocean City Inlet Lighted Buoy 11 (LLNR 4755) and Ocean City Inlet Lighted Buoy 12 (LLNR 4757) to depths of less than 9.5 feet at mean low water. Mariners are advised to use caution in the area. See SEC MD-NCR BNM 184-21. 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 between Sinepuxent Bay Channel Buoy 6 (LLNR 5015) and Sinepuxent Bay Channel Buoy 7 (LLNR 5017), to a depth of 4.5 feet at mean low water. Shoaling has also been reported between Sinepuxent Bay Channel Buoy 33 (LLNR 5130) and Sinepuxent Bay Channel Daybeacon 35 (LLNR 5135) in the channel, to a depth of 3.0 feet at mean low water. Chart 12211

**MD-CHESAPEAKE BAY-NANTICOKE SHOALING**

Shoaling has been reported in the immediate vicinity of Nanticoke River Cut Light 4 (LLNR 23995) at the mouth of Nanticoke Harbor, extending approximately 30ft into the channel. Water depths have been found as low as 2ft at low water. MD-NCR BNM 147-20  
Chart 12261

**MD - CHESAPEAKE BAY - HONGA RIVER – SHOALING**

There is shoaling in the Honga River extending out at 500yds radius from approximate position 38-18.38N 076-11.78W. Actual depth ranges from 5ft to 9ft at mean low water. SEC MD-NCR BNM 335-19  
Chart 12261

**MD - CHESAPEAKE BAY - COVE POINT TO SANDY POINT – FLAG HARBOR – SHOALING**

Shoaling has been reported in the Entrance Channel to Flag Harbor Yacht Haven in Calvert County, MD. The shoaling is located just outside Flag Harbor Light 1 (LLNR 7671) and Flag Harbor Entrance Light 2 (LLNR 7672). Depth of water is less than 5 Ft at MHW. BNM MD 376-19  
Chart 12263

**MD – POTOMAC RIVER – ST. GEORGE CREEK – SHOALING**

The ACOE 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**

Shoaling has been reported in St. Patrick Creek to depths of 2-4 feet at MLW near St. Patrick Creek Channel Buoy 3 (LLNR 17123) and extending to Buoy 7 (LLNR 17145). Shoaling of 1 foot at MLW has been observed within the channel limits in the vicinity of St. Patrick Creek Channel Buoy 4 (LLNR 17130).  
Chart 12286

**MD - CHESAPEAKE BAY - CHESAPEAKE BAY TO PINEY POINT - ST. JEROME CREEK - SHOALING**

Shoaling has been reported in St. Jerome Creek to a depth of 3 feet at MLW between St Jerome Creek DBN 3 (18805) and St. Jerome Creek Light 4 (LLNR 18810) and extending to St. Jerome Creek Buoy 5 (LLNR 18812) and St. Jerome Creek Buoy 6 (LLNR 18815). The channel width in the area of Deep Point is reduced to approximately 20 feet.  
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 (1) off the northeastern tip of St. Catherine Island extending channel ward between 38-14-17.586N, 076-47-15.562W and 38-14-32.841N, 076-47-14.761W, (2) IVO St. Catherine Sound Lower Entrance 4L (LLNR 17230). Ref LNM 44/16,  
Chart 12286

**MD – CHESAPEAKE BAY – CHOPTANK RIVER AND HERRING BAY – CHESAPEAKE BEACH – SHOALING**

A USACE survey conducted on 21 OCT 2020 has identified shoaling in the following locations: west of Chesapeake Beach Light 1 (LLNR 19285) spanning the entire width of the channel to a depth of less than 7ft MLW. Additional portions of channel shoaling exists west of Chesapeake beach light 2 (LLNR 19300) and Chesapeake Beach Light 3 (LLNR 19305) spanning the entire width of the channel to a depth of 3ft MLW to 6ft MLW. See Sec MD-NCR BNM 148-21  
Chart 12266

**MD - CHESAPEAKE BAY - POCOMOKE AND TANGIER SOUNDS - POCOMOKE RIVER – SHOALING**

Shoaling has been reported in the Pocomoke River between Pocomoke River Channel Buoy 7 (LLNR 22540) and Pocomoke River Channel Buoy 8 (LLNR 22555), to reported depths less than 4.5 feet at MLW centerline, 2.3 feet on the red side of the channel, and 3.2 feet on the green side. MD-NCR BNM 299-21.  
Chart 12228

**MD - LITTLE CHOPTANK RIVER - SLAUGHTER CREEK – SHOALING**

Shoaling in the western portion of Slaughter Creek IVO of Holland Point has encroached easterly in most of the 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' MLW has been observed on the red side of the channel between Slaughter Creek Buoy 6 (LLNR 24670) and Slaughter Creek Buoy 8 (LLNR 24683).  
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**

Shoaling reported from channel entrance 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 the 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 – CHESTER RIVER – KENT ISLAND NARROWS NORTH APPROACH – SHOALING**

Hazard to navigation – A USACE survey conducted on May 4, 2021 has identified shoaling to a depth of four feet in the Kent Island Narrows North Approach within the channel boundaries between Kent Island Narrows North Approach Light 2KN (LLNR 26415) and Kent Island Narrows North Approach Light 8 (LLNR 26435). Mariners are urged to use caution when transiting the area. SEC MD-NCR BNM 065-21.  
Chart 12272

**MD - CHESAPEAKE BAY - CHESTER RIVER - QUEENSTOWN CREEK**

Hazard to navigation- A USACE survey conducted on July 12, 2021 has identified shoaling northwest of Queenstown Creek Buoy 3 (LLNR 26593) to south of Queenstown Creek Buoy 5 (LLNR 26595). Reported depths of less than four feet centerline and less than three feet closer to the channel boundaries. Least depths are located closer to the red side of the channel near Queenstown Creek Buoy 5 (LLNR 26595) to depths of less than two feet at mean low water. SEC MD-NCR BNM 182-21  
Chart 12272

**MD – APPROACHES TO BALTIMORE HARBOR – HARTS ISLAND CHANNEL**

Corrected chart name and #. Shoaling has been reported by USCG ANT Baltimore via soundings in Harts Island Channel. Depths of 2.0-4.0 feet were observed extending into the channel in vicinity of Harts Island Channel Daybeacon 3 (LLNR 27010). Navigation of the area requires extreme caution. SEC MD-NCR BNM 263-21.  
Chart 12278

**MD - CHESAPEAKE BAY - SANDY POINT TO SUSQUEHANNA RIVER - UPPER CHESAPEAKE CHANNEL**

Hazard to Navigation - a USACE Survey conducted on May 12, 2022 has identified shoaling to a depth of 28.6 feet at mean lower low water in the Upper Chesapeake Channel within the channel boundaries between Upper Chesapeake Channel Lighted Buoy 38 (LLNR 8640) and Upper Chesapeake Channel Lighted Buoy 38A (LLNR 8770). SEC MD-NCR 200-22  
Chart 12273

**MD - CHESAPEAKE BAY - HEAD OF CHESAPEAKE BAY - SASSAFRAS RIVER**

Hazard to navigation. Shoaling has been reported in Sassafras River extending from Sassafras River Daybeacon 8 (LLNR 27495) to the southeast approximately 520 yards towards Sassafras River Light 10 (LLNR 27500) and into the channel approximately 50 yards to reported depths of seven feet at mean low water. SEC MD-NCR BNM 257-21.  
Chart 12274

**MD-NORTHEAST RIVER – SHOALING**

There has been a report of shoaling in the Northeast River within the channel between Northeast Lighted Buoy 7 (LLNR 27855) and Northeast Lighted Buoy 8 (LLNR 27860). Depths as low as 4.2 feet were observed. Mariners are advised to transit the area with caution. MD-NCR BNM 035-21  
Chart 12274

**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.  
Chart 12286

**VIRGINIA SHOALING**

**VA – CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET – QUINBY CHANNEL – SHOALING**

Norfolk District Army Corp of Engineers Survey of Quinby Creek; dated 11 Feb 2020, indicated significant shoaling with least depth of 6.0' MLLW at Quinby Channel Buoy 13 (LLNR 6775) to 1.2' MLLW at Quinby Channel Light 19 (LLNR 6785). VA BNM 040-20  
Chart 12210

**VA – NANDUA CREEK**

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

**VA – CHINCOTEAGUE INLET TO GREAT MACHIPONGO 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 Daybeacon 184 (LLNR 6220) to VIP Daybeacon 265 (LLNR 6580), Shoaling to less than 6ft MLW. HR BNM 106-16, VIP Daybeacon 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.  
Chart 12210, 12224

**VA – LYNNHAVEN INLET – SHOALING**

Army Corp of Engineer Survey has indicated shoaling between Lynnhaven Inlet Light 1L (LLNR 10130) and Lynnhaven Inlet Light 3 (LLNR 10136) on the east side of the channel extending into the channel with the Minimum depth of 6.8 feet. Additional shoaling has been located between Lynnhaven Inlet Light 4 (LLNR 10138) and Lynnhaven Inlet Daybeacon 6 (LLNR 10145) on the western side of the channel extending into the Channel with a minimum depth of 2 feet. Navigation in these areas requires extreme caution. SEC VA BNM 022-22  
Chart 12222, 12221, 12254, 12205

**VA – LYNNHAVEN INLET – LONG CREEK – SHOALING**

ACOE Survey indicates shoaling in Lynnhaven Basin and connected tributaries, south of the Lesner Bridge. Depths of 3.1 - 5.2 feet extend into channel from Pleasure House Creek eastbound to Long Creek Light 6A (LLNR 10170), in Crab Creek, Lynnhaven Inlet and Long Creek. Depths of 1.4 - 5.0 feet observed in Long Creek side channel in the vicinity of Fish House Island. Navigation of the area requires extreme caution. SEC VA BNM 114-20 Chart 12254

**VA – LITTLE CREEK HARBOR – SHOALING**

Shoaling has encroached approximately 20ft in to the channel from the shoreline to approximate position 36-55.48N 076 10.58W. The location of the shoal is approximately 120yds north of Little Creek Harbor Light 7 (LLNR 10525). Visually the shoal can be observed. Depth at tip of shoal is approximately 2' with a significant depth drop to approximately 18ft.

**VA - GREAT BRIDGE TO ALBEMARLE SOUND - INTRACOASTAL WATERWAY – SHOALING**

There has been a report of shoaling in the VA Intracoastal Waterway approximately 1.15 nm south of North Landing Bridge IVO positions 36-42.71N, 076-04.87W, and 36-42.75N, 076-05.00W, to a least depth of 0.5 feet. Chart 12206

**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 – 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 – PAGEN RIVER – SHOALING**

Shoaling has been located on the approach to Jones Creek outside of the Pagan River Channel between Pagan River Channel Light 13 (LLNR 11415) and Jones Creek Daybeacon 2 (LLNR 11420). Depths observed 4ft at approximately 3 hours before MLW. HR BNM 254-20. Significant shoaling has been identified in the Pagen River Channel between Pagan River Channel Daybeacons 15 (LLNR 11435) and Daybeacon 17 (LLNR 11445). Least depth of 3.3 FT. HR BNM 218-19 Chart 12248

**VA – BENNET CREEK – POQUOSON RIVER – SHOALING**

Shoaling was reported on the east side of channel in between Bennett Creek - Poquoson River Light 4 (LLNR 13270) and Bennett Creek - Poquoson River Light 6 (LLNR 13275). Depth of 3 feet at MLW. See SEC VA BNM 082-22. Chart 12238

**VA – MOBJACK BAY AND YORK RIVER ENTRANCE – BACK RIVER**

A recent NOAA survey identified shoaling to a depth of 8 ft 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 10ft at MLW. Chart 12222

**VA – CHESAPEAKE BAY – MOBJACK BAY AND YORK RIVER ENTRANCE – DAVIS CREEK – SHOALING**

Significant shoaling has been identified from USACOE survey dated 07 Sep 2016 in Davis Creek. Shoaling 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 – YORKTOWN TO WEST POINT - QUEEN CREEK**

Shoaling to less the 4 feet has been reported in Queen Creek from Queen Creek Entrance Light 2QC (LLNR 13785) to Queen Creek Daybeacon 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 – 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 – SHOALING**

Rappahannock River mile 60 to 63, Devils Elbow. Shoaling has been reported to a depth of less than 4ft 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 ACOE 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 – EASTERN SHORE - CHESAPEAKE BAY – MATTAWOMAN CREEK – SHOALING**

Shoaling has been located in Mattawoman Creek VA. Lowest depth found 3' at high tide from Mattawoman Creek Light 1MC (LLNR 21580) to west of Mattawoman Creek Light 3 (LLNR 21590). VA BNM 006-20 Chart 12225

**VA – CHESAPEAKE BAY – TANGIER SOUND - TANGIER ISLAND EAST CHANNEL – SHOALING**

There has been a report of shoaling in the Tangier Island East Channel within the channel boundaries between Tangier Island East Daybeacon 6 (LLNR 22765) and Tangier Island East Channel Light 7 (LLNR 22770) to a depth of three feet. Chart 12228

**VA - CHESAPEAKE BAY - POCOMOKE SOUND - DEEP CREEK – SHOALING**

U.S. Army Corps Survey on 19 Sep 19 indicated a least depth of 1.2' MLW within the channel limits. From Deep Creek Channel Daybeacon 12 (LLNR 22225) to Deep Creek Channel Daybeacon 14 (LLNR 22230) least depth of 6.3' in center of channel, 5.8' on green side of channel, and 4.5' on red side of channel. From Deep Creek Channel Daybeacon 14 to Deep Creek Channel Light 15 (LLNR 22235) least depth of 5.0' in center of channel, 3.0' on green side of channel, 3.8' on red side of Channel. From Deep Creek Channel Light 15 to Deep Creek Channel Daybeacon 16 (LLNR 22240) least depth of 4.4' in center of channel, 3.2' on green side of channel, and 4.1' on red side of channel. From Deep Creek Channel Daybeacon 16 to Deep Creek Channel Daybeacon 17 (LLNR 22245) least depth of 3.6' in center of Channel, 0.2' on green side of channel, and 2.6' on red side of channel. Chart 12207

**VA - MD - 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

**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 16885), 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 – UPPER POTOMAC RIVER – POTOMAC CREEK – SHOALING**

Severe shoaling has been reported within the channel boundaries of Potomac Creek. Shoaling extends 15 yards channel ward of Potomac Creek Buoy 3 (LLNR 17920) with depths of 3 to 4 feet at MLW. Additional shoaling further in has been observed to a depth less than 3 feet at MLW. Ref LNM 14/18 Chart 12288

**NORTH CAROLINA SHOALING**

**NC – CAPE HENRY TO PAMLICO SOUND – WALTER SLOUGH – SHOALING**

Shoaling exists within Walter Slough Channel. Shoaling to 3-4 feet MLW was observed between Walter Slough Buoy 8 (LLNR 28335) and Walter Slough Lighted Buoy 9 (LLNR 28340). NC BNM 134-20 Chart 12205

**NC – OREGON INLET – SHOALING**

Severe shoaling exists spanning the width of the channel inside the bar between Oregon Inlet Buoy 3 (LLNR 27985), Oregon Inlet Buoy 4 (LLNR 27990), and Oregon Inlet Lighted Buoy 6 (LLNR 28003). Depths reported of 4ft MLW IAW most recent USACOE survey. See SEC NC BNM 169-22. A new navigational channel at Oregon Inlet has been established. The previous Oregon Inlet Channel on the west side of the Marc Basnight Bridge (NC-12), between spans 23 and 31, has been disestablished due to severe shoaling. Span 34, between bents 33 and 34, has been designated as the temporary navigation span for the Marc Basnight Bridge (NC-12) over Oregon Inlet, mile 0.5, between Rodanthe and Nags Head, Dare County, NC. Span 34 provides a vertical clearance of approximately 37 feet above mean high water and a horizontal clearance of approximately 146 feet. Mariners should transit this area with extreme caution and due regard for the reduced navigational clearances, lack of a bridge fender system, and shoaling in the waterway. See SEC NC BNM 189-22. Charts 12204



**NC - HATTERAS INLET - SHOALING**

Shoaling exists in various locations throughout Hatteras Inlet Channel to a depth of 5 feet at mean low water. Shoaling continues to encroach the channel near Hatteras Inlet Channel Lighted Buoy 12A (LLNR28732.1), and Hatteras Inlet Channel Buoy 15 (LLNR 28736). Depths of less than 4 feet MLW have been reported between Hatteras Inlet Channel Buoy 18 (LLNR 28760) and Hatteras Channel Lighted Buoy 19 (LLNR 28760). Some aids to navigation in the inlet may be unreliable. NC BNM 029-22, 030-22.  
Chart 11555

**NC – BARNEY SLOUGH - SHOALING**

Shoaling exists North East of Barney Slough Channel Buoy 3A (28721.6). Reported depths of 4 feet MLW in position 35-47-34.526N, 075-31-34.764W. Shoaling extends to middle of channel to a depth of 4 FT MLW. Shoaling has been found along north side of channel between Barney Slough Channel Buoy 4 (LLNR 28721.7) and Lighted Buoy 6 (LLNR 28722.3). Observed depths of 4 feet MLW. Shoaling is occurring in the vicinity of Barney Slough Channel Lighted Buoy 15 (LLNR 28723.7) and Barney Slough Channel Lighted Buoy 16 (LLNR 28723.9). NC BNM 204-20, 013-20, 027-22.  
Chart 11555

**NC – BIG FOOT SLOUGH – SHOALING**

Mariners are advised there is shoaling in the vicinity of Buoy 10C (29070.2) in Big Foot Slough at approximate position 35-09-03.184 N 076-00-38.651W. Mariners are advised to use caution while navigating in this area.  
Chart 11550

**NC - OCRACOKE INLET - SHOALING**

Shoaling exist in the vicinity of Ocracoke Inlet. Aids to Navigation may be unreliable in various locations between Ocracoke Inlet Buoy 1 (LLNR 28900) and Ocracoke Inlet Buoy 8 (LLNR 28927). Mariners are advised to use caution while navigating this area. NC BNM 207-20

**NC – TEACHES HOLE CHANNEL – SHOALING**

Shoaling exist in the vicinity between Teaches Hole Channel Lighted Buoy 19 (LLNR 28953) and Teaches Hole Channel Lighted Buoy 24 (LLNR 28962). Reported depths less than 4 feet MLW. NC BNM 028-22  
Chart 11550

**NC – BEAUFORT INLET AND CORE SOUND – BARDEN INLET – BACK SOUND – SHOALING**

Severe shoaling between Barden Inlet Buoy 24 (LLNR 29240) and Back Sound Lighted Buoy 1 (LLNR 29315) has rendered the waterway un-mark able. All floating aids were removed. Pending dredging operations or waterway improvements, Barden Inlet Channel no longer connects to Back Sound Channel. Mariners should navigate the area with caution, local knowledge is recommended. NC BNM 409-20  
Chart 11545

**NC – PAMLICO SOUND – CORE SOUND – WAINWRIGHT SLUE – SHOALING**

Due to lack of navigable water all floating aids have been removed and all remaining fixed aids converted to non-lateral warning beacons up to Core Sound Light 11 (LLNR 34370) proceeding south from Pamlico Sound. The remaining fixed aids are scheduled for removal. Pending future dredging or waterway improvements, the Core Sound waterway is no longer accessible from Pamlico Sound. NC BNM 404-20  
Chart 11548

**NC – CORE SOUND – HARKERS ISLAND – THE STRAITS – SHOALING**

Wilmington District USACE Survey of 12 Mar 2020 has identified significant shoaling IVO Harker's Island in The Straights. Depths as low as 4ft MLW were found between Harkers Island Straits Light 14 (LLNR 29382) and Harkers Island Straits Light 15 (LLNR 29384). NC BNM 085-20  
Chart 11545

**NC – BOGUE INLET – SHOALING**

Shoaling has been identified from Bogue Inlet Buoy 9 (LLNR 29600) and Bogue Inlet Buoy 12 (LLNR 29615). Depths of 3-4ft at MLW have been observed. Shoaling currently extends across entire width of the marked channel. SEC NC BNM 031-22.  
Chart 11541

**NC – NEW RIVER INLET – SHOALING**

Significant shoaling exists in New River Inlet between New River Inlet Channel Buoy "1" (LLNR29655) and New River Inlet Channel Buoy "10" (LLNR29680). Multiple aids to navigation may be unreliable and not marking good water. Mariners are advised to use extreme caution while navigating this area.  
Chart 11542

**\*\*\*\*NC – NEW RIVER – SHOALING\*\*\*\***

Shoaling exists in the vicinity of the channel to Jacksonville spanning the entire width of the channel between New River Channel Daybeacon 16 (LLNR 29750) and New River Channel Light 17 (LLNR 29760). Depths reported of 4ft MLW. SEC NC BNM 181-22.  
Chart 11542

**NC – BOGUE SOUND – SHOALING**

Shoaling has been reported between Bogue Sound Daybeacon 10 (LLNR 38875) and Bogue Sound Daybeacon 14 (LLNR 38895). Survey indicates depths as low as 5FT MLW encountered in channel center and depths as low as 4FT have been reported. Depths close to channel markers may be less. Conditions may change rapidly and mariners are advised to transit the area with caution. The most recent ACOE survey can be found here: <https://www.usace.army.mil/missions/navigation/hydrographic-surveys/aiwww>  
Chart 11541

**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 – WESTERN PART OF PAMLICO SOUND – PAMLICO RIVER – WRIGHT CREEK – SHOALING**

Mariners are advised of shoaling in vicinity of Wright Creek Daybeacon 4 (LLNR 32870) off the Pungo River. NC BNM 141-18 Chart 11553

**NC – INTRACOASTAL WATERWAY – NEUSE RIVER TO MYRTLE GROVE SOUND – CORE CREEK – SHOALING**

Shoaling exists in the AICW north of Morehead City between Core Creek Light 29 (LLNR 38435) and Core Creek Daybeacon 31 (LLNR 38485), to a depth of less than 5ft at MLW. Mariners are advised to use extreme caution while navigating this area. Chart 11541

**NC – INTRACOASTAL WATERWAY – NEUSE RIVER TO MYRTLE GROVE SOUND – CAUSEWAY CHANNEL – SHOALING**

Shoaling has been reported IAW the most recent ACOE survey dated 26 OCT 2020 IVO Causeway Channel Buoy 5A (LLNR 38731) and Causeway Channel Buoy 6A (LLNR 38736). Reported depths of 4 feet MLW encroaching from east side of channel. NC BNM 415-20 Chart 11541

**NC – OLD TOPSAIL CREEK – SHOALING**

Significant shoaling has been observed in Old Topsail Creek between Old Topsail Creek Buoy 6 (LLNR 30036), Old Topsail Creek Buoy 7 (LLNR 30037) and Old Topsail Creek Buoy 8 (LLNR 30038) Spanning the width of the channel. Depths of less than 3' at MLW have been observed. Mariners are advised to transit the area with caution. SEC NC BNM 381-21. Chart 11541

**NC – BANKS SLOUGH CHANNEL – SHOALING**

Significant shoaling has occurred in Banks Slough Channel between Banks Slough Channel Buoy 2BS (LLNR 30048) and Banks Slough Channel Buoy 3 (LLNR 30048.02) spanning the width of the channel. Depths of 2' MLW have been reported. Chart 11541

**NC - CAROLINA BEACH INLET – SHOALING**

Significant shoaling has been reported in Carolina Beach Inlet in the vicinity of Carolina Beach Inlet Buoy 3 (LLNR 30275) spanning the width of the channel. Depths of 4'-5' MLW have been reported. SEC NC BNM 368-21. Chart 11534

**NC – NEW RIVER – CAPE FEAR RIVER – SHOALING**

The shoal that is adjacent to the red side of the channel between New River – Cape Fear River Daybeacon 170 (LLNR 39860) and New River - Cape Fear River Light 168 (LLNR 39857) has encroached to the edge of the channel. Depths of 4-5ft at MLW have been observed. Chart 11537

**NC – LOCKWOODS FOLLY INLET – SHOALING**

Significant shoaling has occurred in Lockwoods Folly Inlet between Lockwoods Folly Inlet Lighted Buoy 2 (LLNR 31015) and Lockwoods Folly Inlet Buoy 5 (LLNR 31027) spanning the width of the channel depths of 4' MLW have been reported. BNM SEC NC 367-21. Chart 11534



# **SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS**

## **CURRENTLY IN PROGRESS**

### **Enclosure (3)**

#### **NEW OR UPDATED INFORMATION**

New, updated or very important information in this enclosure are highlighted in yellow.

#### **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, crab pots 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.

#### **New Jersey**

##### **NJ – WILMINGTON TO PHILADELPHIA – OLDMANS CREEK – DREDGING**

Starting on **August 9, 2021**, R.E. Pierson Construction Co., Inc. will be conducting dredging to facilitate vessel travel and installation of steel sheet bulkhead along Oldman's Creek. Project begins within an area of the Delaware River located at Latitude 39.78221, Longitude -75.442119, near River Mile Marker 76, in New Castle County, Delaware, and extends into Oldmans Creek to Latitude 39.785794, Longitude -75.407103, just west the U.S. Route 130 Bridge, in Oldmans and Logan Townships, Salem and Gloucester Counties, New Jersey. Ellicot 370 floating dredge and "REP 9" #3406 tug boat will utilize 12" diameter HDPE fused dredge pipe supported by orange pipe floats to remove material. All vessels will be marked in accordance with CG regulations. REP 9 will monitor VHF-FM channel 10 and 11. Project is on hold and may resume early **Summer 2022**. For more information, contact R.E. Pierson Construction Co. Inc. 856-769-8244.  
Chart 12312.

#### **Pennsylvania**

##### **PA – SCHUYLKILL RIVER – DREDGING AND CONSTRUCTION**

Dredging and Construction work will begin 07 February 2022 and continue through **May 2025** on the Schuylkill River in Philadelphia, PA. The company PKF MARK III will be installing concrete piers and bridge decks along the banks of the Schuylkill River between the 34<sup>th</sup> street Bridge and the Schuylkill Arsenal Railroad Bridge. There will be deck barges and crane barges in the vicinity of the bridges, so mariners are advised to transit the area with caution. For more information regarding this operation contact the POC Jim Doyle at 484-680-8550.  
Chart 12313.

##### **PA/NJ – DELAWARE RIVER – SAMUEL S. BAXTER WATER TREATMENT PLANT – DREDGING OPERATIONS**

Mobile Dredging & Video Pipe, Inc. (MDVP) will begin installing approximately 3,000 to 4,000 feet of dredge pipeline across the Delaware River to pump from the Philadelphia Water Department Baxter Water Treatment Plant Residuals Lagoon to a confined disposal facility on the southern (New Jersey) side of the river. The dredging work is set to take place between **July 2021** and **December 2022**. The pipeline will be sunk to the bottom of the Delaware River in the navigable channel with heavy marine chain. The pipe will be gradually released to the water surface outside of the navigable channel until it reaches the shorelines. The chain on the pipe will secure the pipeline during any major weather events. Dredging operations will generally operate Monday through Saturday during daylight hours. Approximate GPS positions: 40°2'5.68"N; 74°59'54.26"W to 40°1'31.74"N; 74°59'55.46"W. Mariners are advised to maintain a safe distance from all pipeline equipment. All marine equipment will be marked in accordance with U.S. Coast Guard regulations and requirements. Work boat WB33 and a second work boat will be utilized to stage and lay the pipeline at the beginning of the operation. Furthermore, the crew will be communicating on work channel 72 while also monitoring channel 13.  
24 Hour contact: Conor Surgeoner – (610) 299-1252 (MDVP)  
24 Hour contact: Frank Branagan – (856) 265-3558 (JPC Group, Inc.)  
Chart 12313, 12314

#### **Delaware**

##### **DE - NJ – DELAWARE RIVER – DEEPWATER RANGE - DREDGING OPERATIONS 4.32**

The Dredge ESSEX will commence dredging operations in the Deepwater Range of the Delaware River on or about April 12, 2022. The project will continue until approximately **June 1, 2022**. A submerged pipeline will run from the dredging area to the Kilcohook Disposal area on the New Jersey side of the river. A floating pipeline will connect the dredge to the submerged pipeline. The submerged pipeline will need to be moved occasionally as the dredge progresses.

The Dredge Operator will standby on channels #13 and #16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage.

All mariners are requested to stay clear of the dredge, booster, floating (pontoon) and submerged pipelines, barges, derricks and operating wires about the dredge. Operators of vessels of all types should be aware that the dredge 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, pipelines, barges, derricks, wires and related equipment.

Owners and lessees of fishnets, crabpots and other structures that may be in the vicinity and that may hinder the free navigation of attending vessels and equipment must remove these from the area where tugs, tenderboats and other attendant equipment will be navigating. Since the project will be conducted twenty-four (24) hours per day seven (7) days a week, all fishnets, crabpots and structures in the general area must be removed prior to the commencement of the work.

Chart 12311.

## **DE - NJ – DELAWARE RIVER – NEW CASTLE RANGE - DREDGING OPERATIONS**

The Dredge CHARLESTON will commence dredging operations in the New Castle Range of the Delaware River on or about **May 25, 2022**. The project will continue until approximately **July 10, 2022**. A submerged pipeline will run from the dredging area to the Kilcohook Disposal area on the New Jersey side of the river. A floating pipeline will connect the dredge to the submerged pipeline. The submerged pipeline will need to be moved occasionally as the dredge progresses.

The Dredge Operator will standby on channels #13 and #16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage.

All mariners are requested to stay clear of the dredge, booster, floating (pontoon) and submerged pipelines, barges, derricks and operating wires about the dredge. Operators of vessels of all types should be aware that the dredge 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, pipelines, barges, derricks, wires and related equipment.

Owners and lessees of fishnets, crabpots and other structures that may be in the vicinity and that may hinder the free navigation of attending vessels and equipment must remove these from the area where tugs, tenderboats and other attendant equipment will be navigating. Since the project will be conducted twenty-four (24) hours per day seven (7) days a week, all fishnets, crabpots and structures in the general area must be removed prior to the commencement of the work.

FOR FURTHER INFORMATION CONTACT: Norfolk Dredging Company, Post Office Box 1706, Chesapeake, Virginia 23327, TEL: 757-547-9391. Chart 12311.

## **Maryland**

### **MD – TANGIER SOUND - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L Contracting will be conducting dredging operations in the Tangier Sound, VA from 6/1/22 thru **7/15/22** 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°54'17"n / 75°56'40"w; 37°55'15"n / 75°58'25"w; 37°52'25"n / 75°55'48"w; 37°52'10"n / 75°55'36"w; 37°51'58"n / 75°55'34"w; 37°51'40"n / 75°55'26"w; and 37°51'38"n / 75°55'40"w;. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. 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. 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 advised to reduce speed and proceed with caution in the area.

Chart 12228

### **MD – POCOMOKE SOUND - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L Contracting will be conducting dredging operations in the Pocomoke Sound, VA from 6/1/22 thru **7/15/22** 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°56'59"n / 75°42'35"w; 37°56'48"n / 75°43'00"w; 37°56'40"n / 75°44'29"w; 37°56'14"n / 75°45'00"w; 37°55'25"n / 75°44'45"w; and 37°44'55"n / 75°51'37"w.

The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. 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. 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 advised to reduce speed and proceed with caution in the area.

Chart 12228

### **MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – BALTIMORE HARBOR – DREDGING OPERATIONS**

Maintenance dredging operations are scheduled to occur within the Baltimore Harbor and Approaches federal navigation projects, from on or about **March 2, 2022 until on or before July 20, 2022**, 24 hours daily (Monday through Sunday). Cashman Dredging and Marine Contracting Co., LLC will perform the work in the Baltimore Harbor Channels, including Craighill Entrance Channel, Cutoff Angle, and Fort McHenry Channel. Bar dragging operations will be conducted in the Northwest Harbor East Channel. Marine equipment will be located throughout the dredging work areas during operations, utilizing the 180-foot long Clamshell Dredge DALE PYATT. Dredged material will be transported in the dump scows JOE VERROCHI, M.E.R.C. SHEVLIN, KURT SCHULTE and WEEKS 118 to the Northern Access Channel Turning Basin at Poplar Island in Talbot County, MD for placement by the off-loader barge KRAKEN. Loaded scows from the Fort McHenry Channel will be transported to the Cox Creek Dredged Material Containment Facility in Baltimore Harbor for placement by the off-loader barge KRAKEN. Towing vessels involved include the CHARLES JAMES, MICHAEL DAIGLE, JOHN JOSEPH, BERING DAWN and MISS ILA. The marine equipment will be accompanied by the survey vessel CAPE ELIZABETH and support vessel BROOKS HOOKS. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. Mariners can contact the vessels on marine band radio VHF-FM channels 16, 13 and 67.

Charts 12278, 12281, 12270.

### **MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – PATAPSCO RIVER – AERIAL TRANSMISSION LINE CONSTRUCTION**

Marine construction operations in support of the installation of aerial electric power transmission lines will occur on the Patapsco River, between Hawkins Point and Sollers Point north and adjacent to the Francis Scott Key Memorial (I-695/Baltimore Beltway) Bridge until **Oct 7, 2022**. The work will occur 24 hours per day, 7 days per week, in approximate positions: (1) 39°12'46.8737" N, 076°32'14.0536 W; (2) 39°12'58.5610 N, 076°31'58.7405 W; (3) 39°13'13.7886 N, 076°31'38.7851 W; (4) 39°13'26.6084 N, 076°31'21.9825 W; and (5) 39°13'39.4271 N, 076°31'05.1787 W. McLean Contracting Company marine equipment spudded on site will include: (1) a sectional barge (120'x120'x7') with Manitowoc Crane, (2) the Whirley Crane Baltimore barge (140'x70'x12.5'); (3) the Whirley Crane Hampton Roads barge (108'x 46'x8'); (4) a Whirley Crane Newport News barge (110'x43'x8'); and (5) a deck barge. Mariners are urged to use caution when transiting the area, and to operate at minimum wake speed necessary to maintain safe course near the work site. Interested mariners can contact the attending vessels on site, including "WB29", "MEGALADON", "RISING SUN", "CAPTAIN STEVE", crewboat and jackboats on marine band radio VHF-FM channels 16 and 13. Throughout the construction project, the Baltimore Gas and Electric Company will regularly provide updates at website: <https://www.bge.com/SmartEnergy/InnovationTechnology/Pages/Construction-Updates.aspx>. Chart 12281.

### **MD – CURTIS BAY – FUEL PIER CONSTRUCTION**

McLean Contracting Company will begin rehabilitation of Fuel Distribution Pier starting on January 3, 2022 to **July 1, 2022**. Work will be conducted 24 hours, 7 days per week and will require two barges to be moored in the vicinity of pier. Approximate location of project is 39°13'31"N, 076°34'03"W. for more information contact Mr. Ed Barrickman, Superintendent, 412-228-9715, or Mr. Mike Hodeen, Project Manager, 757-620-0854. Chart 12281, 12278.

### **MD – PATAPSCO RIVER – NABBS CREEK – TIDAL WETLAND SHORELINE STABILIZATION PROJECT**

Century Engineering Inc., on behalf of Baltimore Gas and Electric Company (BGE) will begin a wetland and shore stabilization project on Nabbs Creek behind the Chestnut Hill Cove residential community, beginning January 17, 2022 and continuing into **Fall 2022**. All work will be conducted from shore via an access road. For more information, contact Century Engineering at 443-589-2400. Chart 12281.

### **VA – MD – POTOMAC RIVER – CHESAPEAKE BAY TO PINEY POINT - ST. MARYS RIVER – PIER CONSTRUCTION**

Pier construction operations are scheduled to occur along the eastern shoreline of the St. Marys River, at the Coppage Pier in Drayden, MD from June 24, 2022 to **July 24, 2022**. The work will be conducted Mondays through Saturdays, from 7 a.m. to 5 p.m. The project consists of the construction of a 550' x 6' timber pier, 10' x 6' "L" platform, 4' x 10' "L" lower platform, 3' x 15' stairwell and the installation of two boat lifts, two PWC lifts and four mooring piles in approximate position 38°09'30.03" N, 076°27'08.10" W. During that period, a 30' x 80' construction barge and a 25' workboat will be on scene. 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, and operate at minimum speed necessary to maintain safe course near the work site. Interested mariners can contact the on scene work vessels via marine band radio VHF-FM channels 16 and 13. Chart 12233.

### **MD – VA- MATTAWOMAN CREEK TO GEORGETOWN – UPPER POTOMAC RIVER – STONE SILLS CONSTRUCTION**

Coastal Design & Construction, Inc. will begin construction of a Stone Sills at the Dyke Marsh Wetlands on the Potomac River, starting on **June 20, 2022** to approximately **December 16, 2022**. Ten barges will be moored in the following positions: Deck Barge - 38° 46.105574'N, 77° 02.420493'W, Deck Barge - 38° 46.004669'N, 77° 02.439142'W, Deck Barge - 38° 45.912448'N, 77° 02.449099'W, Deck Barge - 38° 45.811189'N, 77° 02.457863'W, Rig Barge - 38° 45.458249'N, 77° 02.480035'W, Rig Barge - 38° 45.354135'N, 77° 02.487352'W, Line Barge - 38° 44.99912'N, 77° 02.3365'W, Line Barge - 38° 44.896292'N, 77° 02.360414'W, Line Barge - 38° 44.849763'N, 77° 02.369003'W, Line Barge - 38° 44.750468'N, 77° 02.386795'W, All barges will be marked with constant White Light per Coast Guard requirements and moorings with slow flashing white lights. Tug – Kat II will be monitoring VHF Channel 13 & 16. For more information, contact, Eppa Dale Wroten – Superintendent, Cell: 804-366-0447. Chart 12289.

### **VA – POTOMAC RIVER – ALEXANDRIA CHANNEL – CONSTRUCTION**

River Renew will begin building a turbidity curtain on October 25, 2021 in approximate position 38.8096919N, 77.038250912W. Once turbidity curtain is complete, a permeant seawall will be built, shore side of curtain. All work will be conducted from shore; however, seawall could extend 30ft into Oronoco Bay and the Potomac River. Project completion, anticipated to be **August 2024**. Chart 12289.

### **DC**

None

### **Virginia**

#### **VA – CHESAPEAKE BAY ENTRANCE – CHESAPEAKE CHANNEL –DREDGING**

The Dutra Group has been contracted to dredge the Chesapeake Channel from Chesapeake Channel Lighted Buoy 13 & 14 (LLNR 7105, 7110) to Chesapeake Channel Lighted Buoy 3 & 4 (LLNR 7045, 7050). Dredging will be performed by the hopper dredge "Stuyvesant". All dredged material will be transported to Disposal Site Dam Neck Management Area Cell 1, centered at Lat. 36°50'40.67"N Long. 75°53'49.40"W, approximately 9 nm SE of Green Buoy 3 (end of dredge area). A Tug (John Parish) and barge will bed leveling in the area as well in support of the Stuyvesant. Dredging is scheduled to start on or about December 14, 2021 and completed on or about **May 30, 2022**. Work will continue 24 hours a day, 7 days a week. The Stuyvesant will use and monitor VHF Channels 13 and 16. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. Chart 12221.

#### **VA – CHESAPEAKE BAY – THIMBLE SHOAL CHANNEL – DREDGING**

Great Lakes Dredge & Dock Company, LLC (GLDD) with the hopper dredge M/V ATB Douglas B. Mackie & Trailing Suction Hopper Dredge Ellis Island will commence dredging operations in the Thimble Shoal Channel between coordinates point A, 36.9741369°N,-076.1185955°W, point B, 36.9775353°N,-076.1172310°W, point C, 36.9534965°N,-076.0243938°W, point D, 36.9500990°N,-076.0257621°W on approximately April 18, 2022. Dredged material will be transported to DAM NECK OFFSHORE DISPOSAL SITE and bottom dumped in the contact designated area by the dredge. Disposal will take place between Point I, 36.7744462°N,- 075.9049262°W, Point J, 36.8128988°N,-075.9049260°W, Point K, 36.8128974°N,- 075.8878462°W, Point L, 36.7744449°N,-075.8878549°W. Operations occur 24 hours per day, 7 days per week. Great Lakes Dredge & Dock Company, LLC (GLDD) will commence pipeline mobilization activities on or around April 18th, 2022. Mobilization activities will include towing attendant plant and pipeline rafts approx. 780ft in length by approx. 40ft in width from Chesapeake, VA via the Elizabeth River to GLDD Waterside Staging Area #1 and #2 located next to Craney Island. The rafts of pipeline will be assembled at this staging area #1 and #2 location between Staging Area #1 Point I; 36.92487664N,-076.35458739W, Point J; 36.92527221N,- 076.34923186W, Point K; 36.9111373N,-076.34671442W, Point L; 36.91040629N,-076.35209284W, Staging Area #2 location between Point M; 36.9297360N,-076.3792001W, Point N; 36.9294586N,- 076.3614177W, Point O; 36.9250782N,-076.3613845W, Point P; 36.9254286N,-076.3795746W. Equipment will be anchored and lighted within the staging area, boaters should avoid this area. Great Lakes Dredge & Dock Company, LLC (GLDD) will commence pipeline installation activities on or around May 20th, 2022. Installation activities will include towing attendant plant and pipeline sticks approx. 780ft in length from GLDD's Waterside Staging Areas #1 and #2 located next to Craney Island to the beach landings on Ocean Park Beach. The operations will involve tug boats and other attendant plants being close to the shoreline, with lighted and marked pipeline being between the shoreline and the towing tugs. While the pipeline is installed, it will be submerged on the ocean floor (but visibly marked with lighted can buoys) until emerging on shore, with a booster (for sublines 1 and 4) anchored in place, and a dredge hookup at the waterside end of the pipeline. A table listing the planned Lat/Long coordinates for the subline

landing/booster/dredge hookup is shown below. Boaters are advised to avoid these areas during the installation process and proceed with caution around submerged pipeline areas.

|           |         | LAT        | LONG       |           |         | LAT        | LONG       |
|-----------|---------|------------|------------|-----------|---------|------------|------------|
| Landing 1 | Landing | 36.9108618 | -76.102997 | Landing 3 | Landing | 36.9607181 | -76.260082 |
|           | Booster | 36.9232373 | -76.099448 |           | Hookup  | 36.9684746 | -76.249814 |
|           | Hookup  | 36.9256013 | -76.098806 | Landing 4 | Landing | 36.9671862 | -76.273939 |
| Landing 2 | Booster | 36.9549422 | -76.250192 |           | Booster | 36.9729414 | -76.256894 |
|           | Hookup  | 36.9617175 | -76.241598 |           | Hookup  | 36.9739036 | -76.254122 |

Anticipated completion date is **August 1, 2022**.

Chart 12256.

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

Chesapeake Tunnel Joint Venture will continue Tug, Crane and Barge operations near the existing tunnel protection berms for Islands 1 and 2. Work will not impede the navigational channel. A crane barge may be held in place by way of spuds, a six point anchoring system or made fast to several steel mooring piles. Buoys will be attached to the anchors so that they may be moved as the crane barge advances. Buoys will be illuminated at night by one second flashing white lights and the barges will be illuminated by steady white lights on all corners. The steel piles will be illuminated at night by white lights. The steel piles and trestle will be positioned west of Island #1 approximately 125 feet and extending north of the fishing pier approximately 1000 feet. The ROBERT T and ANGELINA AUTUMN will be on VHF-FM 13 and 16.

Charts 12222.

**VA – CHESAPEAKE BAY – THIMBLE SHOAL CHANNEL – DREDGING**

Continuing until approximately July 15, 2022 the Clamshell Dredge "Weeks 506", Weeks "320 Unloader", the Water Injection Dredge (W.I.D. 773) crew boats: "Timothy V." "Swift runner", Tugs: "Shannon Dann" "Liz Alma", Scows (110, 111 & 112) and tender tugs: "Stephen Dann", "Virginia" will be operating in the vicinity of the Chesapeake Bay. All dredged material will be towed and pumped through a combination of floating and submerged line into the approved Craney Island Dredged Material Management Area (CIDMMA).

Work limits for dredging operations will be bound by the following approximate positions:

- 36°58'36.92"N, 76° 6'38.73"W
- 36°58'31.05"N, 76° 6'17.10"W
- 36°58'12.83"N, 76° 6'24.32"W
- 36°58'19.19"N, 76° 6'46.66"W

Limits for "hydraulic uploading area" and "pipeline corridor" will be bound by the following approximate positions:

- 36°55'7.65"N, 76°21'15.22"W
- 36°55'12.31"N, 76°20'29.89"W
- 36°54'37.60"N, 76°20'23.22"W
- 36°54'32.80"N, 76°21'8.47"W

Starting approximately June 30, 2022 and continuing until approximately August 31, 2022, Weeks Marine Hopper Dredge "Magdalen" and support crew boat Chris C will be operating in the Thimble Shoal Channel between Thimble Shoals Lighted Buoy 19 (LLNR 9305) and Thimble Shoals Lighted Buoy 7 (LLNR9235) stopping west of Chesapeake Bay Bridge-Tunnel. All dredged material will be transported to the approved Dam Neck Ocean Disposal Site – DNODS – Cells 5, 6 & 7. Work limits for the Thimble Shoal Channel will be bound by the following approximate positions:

- 37° 1'35.24"N, 76°15'57.82"W
- 36°59'11.10"N, 76° 6'41.27"W
- 36°57'37.50"N, 76° 7'8.25"W
- 36°59'53.72"N, 76°16'36.67"W

Limits of Dredged Material Placement Area will be bound by the following approximate positions:

- 36°51'41.07"N, 75°55'41.74"W
- 36°51'45.15"N, 75°51'16.40"W
- 36°45'47.19"N, 75°50'54.07"W
- 36°45'45.72"N, 75°55'33.04"W

Dredging operations will continue on a twenty-four (24) hours per day, seven days per week basis. The bucket dredge and tugboats will monitor marine VHF channels 13 and 16. Mariners are urged to use extreme caution and transit the area at their slowest safe speed to create minimum wake after passing arrangements have been made. Pipeline and equipment will each have all required U.S. Coast Guard lighting for night operations. For questions, contact **Dave McNeill - (985) 237-5069 (mobile), dcmcneill@weeksmarine.com (email)**.

Chart 12256.

**VA – CHESAPEAKE BAY – THIMBLE SHOAL CHANNEL – DREDGING**

\*\*\*\*Delayed\*\*\*\* Starting approximately (**delayed – Estimated May/June**), Weeks Marine Hopper Dredge "Lindholm" will be operating in conjunction with support equipment between Thimble Shoal Channel Thimble Shoal Lighted Buoy 19 (LLNR 9305) and Thimble Shoal Lighted Buoy 7 (LLNR 9235) stopping west of Chesapeake Bay Bridge-Tunnel). All dredged material will be transported to the approved Dam Neck Ocean Disposal Site – DNODS - Cells 5, 6, & 7.

Work limits for the Thimble Shoal Channel will be bound by the following approximate positions:

- 37° 1'35.24"N, 76°15'57.82"W
- 36°59'11.10"N, 76° 6'41.27"W
- 36°57'37.50"N, 76° 7'8.25"W
- 36°59'53.72"N, 76°16'36.67"W

Limits of Dredged Material Placement Area will be bound by the following approximate positions:

- 36°51'41.07"N, 75°55'41.74"W
- 36°51'45.15"N, 75°51'16.40"W
- 36°45'47.19"N, 75°50'54.07"W
- 36°45'45.72"N, 75°55'33.04"W

The dredge will monitor VHF-FM channels 13 and 16. For questions, contact **Dave McNeill - (985) 237-5069 (mobile), dcmcneill@weeksmarine.com (email)**.

Chart 12256.

#### **VA – LYNNHAVEN BAY – LINKHORN BAY – BRIDGE CONSTRUCTION**

Allan Myers is conducting road widening and bridge replacement on Laskin Road in Virginia Beach, VA until **Oct 2022**. Bridge passes over Great Neck Creek. A cofferdam and turbidity curtains are installed at the site. For more information contact Pat Robinson at 610-960-3139. Chart 12222.

#### **VA – ELIZABETH RIVER – WESTERN BRANCH – BRIDGE CONSTRUCTION**

Until **March 2023**, McLean Contracting will be conducting bridge demolition, and replacement of the Churchland Bridge on the Western Branch of the Elizabeth River. Signs have been installed on both sides of the bridge worded "OVERHEAD BRIDGE CONSTRUCTION 500 FEET AHEAD". A temporary pile crane trestle will be extending approximately 600ft from either shoreline on the North side of the bridge. Barges and tugs will be on scene throughout the project and may be contacted on VHF-FM Channels 03, 13 and 16. For information, contact Scott White at 757-641-2132. LNM 23/20 Chart 12253.

#### **VA – ELIZABETH RIVER – EASTERN BRANCH – PIER CONSTRUCTION**

Beginning approximately January 31, 2022, and continuing until approximately **June 1, 2023**, Crofton Construction Services Inc. will commence constructing two 200' travel slip concrete piers and dredging down to 24' at the Lyon Shipyard along the Eastern Branch of the Elizabeth River, approx. position 36-50-28"N, 076-16-04"W. Operations will include crane barge operations, material barges, tugboats, work floats, and smaller crafts consistent with general marine construction. Barge(s) & vessel(s), will be moored, on site with employees working over the side on small floats or crew boats. The construction equipment will be confined, to the barges with crew boats working in the vicinity. The entire channel, will not be closed, during any stage of construction, or will not restrict marine traffic. Vessels are requested to proceed in this area with caution and no wake within 500' of the above coordinates. Crews will be monitoring the following radio frequencies: VHF channels **13 & 16**. Chart 12253.

#### **VA – ELIZABETH RIVER – PORTSMOUTH WATERFRONT – NORTH STREET FERRY LANDING TO TIDWATER YACHT MARINA – SEAWALL CONSTRUCTION**

Crofton Construction will be conducting repairs to the seawall located in the Elizabeth River at the following locations: 36° 50'20"N, 076°17'45"W, and 36° 50'25"N and 076°17'46"W. Beginning November 09, 2020 and continuing until **Spring 2022** or until complete. Construction operations will include, barge and crane operations, in conjunction with general marine construction. Barges and vessels will be moored on site with employees working over the side on small floats at times along with crew boats. The construction equipment will be confined to the barges, with small crew boats, working in the vicinity. Vessels are requested to proceed in this area with caution and causing no wake. Crews will be monitoring VHF-FM Channels 13 & 16. For more information or questions, contact Olga Mileyko at 757-397-1131. Chart 12253.

#### **VA – ICW – ELIZABETH RIVER SOUTHERN BRANCH – DREDGING**

H & H Enterprises will be dredging Paradise Creek off the southern branch of the Elizabeth River. The start date of the project is August 23, 2021 and the estimated finish date is **September 1, 2022**. H & H Enterprises will be dredging the creek and placing deposits on deck barges. The barges will be in transit from Paradise Creek to Bainbridge Recycling, near Elizabeth River Southern Branch Daybeacon 31 (LLNR 37075), on the southern branch of the Elizabeth River. The "Miss Jennifer" will be monitoring VHF channels 13 and 16, while in transit with dredge spoils. The point of contact for the project will be Scott Hodges, at 757-435-9667. Chart 12206.

#### **VA – NEWPORT NEWS TO JAMESTOWN ISLAND – DREDGE OPERATIONS**

Corman Kokosing Construction Company will begin mechanical dredging operations on or about **April 14, 2022** at the Newport News Shipbuilding facility located on the James River. Loaded scows will be towed from the Shipyard to the Unloader barge located at the Craney Island Dredged Material Management Area. The unloader barge will be staged north of the Craney Island Rehandling Basin, on the West side of the Elizabeth River and outside the channel in the vicinity of the Craney Island Reach. A 16"-18" submerged HDPE pipeline will be placed on the river bottom from the Unloading Barge into the placement Facility.

The Dredge KOKO V will be dredging with the assistance of a tender tug, towing tugs and scows. Vessels and crew will monitor VHF channel 13 during the project execution. Dredging and unloading operations will continue daily until the estimated completion date of **January 01, 2023**. For more information, contact Adam Donder, (443) 695-3788, adondero@kokos.com  
Charts 12273, 12274, 12280.

#### **VA – JAMES RIVER - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L contracting will be conducting dredging operations in the **Lower James River, VA** from **6/1/22 thru 7/15/22** for the purpose of harvesting oyster shells. Work hours are 24 hours a day, 7 days a week. A mooring buoy will be anchored south-west of the dredging area to create an additional anchorage for three (3) 260' x 50' barges and three (3) 140' x 35' barges. The anchorage area will be at **approximately 36°56'57"n / 76°26'9"w**. 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. 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 advised to reduce speed and proceed with caution in the area. Chart 12248

#### **VA – JAMES RIVER - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L Contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru **7/15/22** for the purpose of harvesting 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°57'22"n / 76°26'53"w and 36°57'00"n / 76°27'00"w and 36°56'12"n / 76°45'25"w and 36°55'50"n / 76°25'50"w. The dredge Oyster Bay will be spudded in place and other vessels moored to the dredge. 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. 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 advised to reduce speed and proceed with caution in the area. Chart 12248



#### **VA – JAMES RIVER - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru 7/15/22 for the purpose of harvesting oyster shells. Work hours are 24 hours a day, 7 days a week. A mooring buoy will be anchored south-west of the dredging area to create an anchorage for three (3) 260' x 50' barges and three (3) 140' x 35' barges. The anchorage area will be at approximately 36°56'30"N / 76°26'10"W. 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. 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 advised to reduce speed and proceed with caution in the area.  
Chart- 12248

#### **VA – JAMES RIVER - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru 7/15/22 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°01'17"N / 76°29'17"W; 37°00'41"N / 76°27'55"W; 36°59'25"N / 76°31'06"W; and 36°56'03"N / 76°27'04"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. 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. 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 advised to reduce speed and proceed with caution in the area.  
Chart- 12248

#### **VA – JAMES RIVER – SKIFFES CREEK CHANNEL – DREDGING**

Cottrell Contracting Corporation of Chesapeake, Virginia advises that the Dredge Lexington will be performing dredging operations at Skiffes Creek Channel on the James River between Skiffes Creek Channel Lighted Buoy 2 (LLNR 11825) and Skiffes Creek Daybeacon 9 (LLNR 11870). Dredging will be performed between April 4, 2022 and June 27, 2022. The dredge Lexington monitors VHF channels 13 and 6. Owners and lessees of fishnets, crab pots and other structures that may be in the vicinity and that may hinder the free navigation of attending vessels and equipment must remove these from the area where tugs, tender boats and other attendant equipment will be navigating. Dredging operations will be conducted twenty-four (24) hours a day seven (7) days a week, all fishnets, crab pots and structures in the general area must be removed prior to commencement of any work, a slow NO WAKE speed is requested of transiting vessels. All vessels are requested to contact the dredge prior to passing.  
Chart 12248.

#### **VA-JAMES RIVER - NEWPORT NEW TO JAMESTOWN ISLAND – BREAKWATER CONSTRUCTION**

Coastal Design & Construction, Inc. will begin construction of a Stone Breakwater for Carters Grove on the James River, starting on September 1, 2021 to approximately June 30, 2022. Ten barges will be moored in the following positions: Deck Barge - 37° 12.510'N, 76° 38.2756'W, Deck Barge - 37° 12.4683'N, 76° 38.2321'W, Deck Barge - 37° 12.4235'N, 76° 38.1967'W, Deck Barge - 37° 12.3378'N, 76° 38.1409'W, Deck Barge - 37° 12.2523'N, 76° 38.0678'W, Rig Barge - 37° 12.1606'N, 76° 38.0258'W, Rig Barge - 37° 12.1174'N, 76° 38.0021'W, Rig Barge - 37° 12.0734'N, 76° 37.9781'W, Line Barge - 37° 11.8798'N, 76° 37.8551'W, Line Barge - 37° 11.7898'N, 76° 37.8060'W. All barges will be marked with constant White Light per Coast Guard requirements and moorings with slow flashing white lights. Tug – Kat II will be monitoring VHF Channel 13 & 16. For more information, contact, Eppa Dale Wroten – Superintendent, Cell: 804-366-0447.  
Chart 12248.

#### **VA - JAMES RIVER - NEWPORT NEWS TO JAMESTOWN ISLAND – BREAKWATER CONSTRUCTION**

Coastal Design & Construction, Inc. will begin construction on a Stone Seawall on Jamestown Island on the James River, starting on March 14, 2022 to approximately June 30, 2022. Seven barges will be moored in the following positions: Shuttle Barge - 37° 11.660'N, 76° 46.745'W, Shuttle Barge - 37° 12.612'N, 76° 46.961'W, Rig Barge - 37° 12.668'N, 76° 47.025'W, Rig Barge - 37° 12.727'N, 76° 47.079'W, Line Barge - 37° 11.513'N, 76° 46.637'W, Line Barge - 37° 11.358'N, 76° 46.525'W, Line Barge – 37° 12.302'N, 76° 46.613'W, Line Barge - 37° 12.1919'N, 76° 46.4406'W. All barges will be marked with constant White Light per Coast Guard requirements and moorings with slow flashing white lights. Tug – Kat II will be monitoring VHF Channel 13 & 16. For more information, contact, Steve Bailey – Superintendent, Cell: 240-298-8701.  
Chart 12248.

#### **VA – PIANKATANK RIVER AND CHESAPEAKE BAY - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L Contracting will be conducting dredging operations in the Piankatank River and Chesapeake Bay, VA from 6/1/22 thru 7/15/22 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°32'01"N / 76°23'04"W; 37°31'36"N / 76°20'52"W; 37°30'51"N / 76°19'38"W; 37°31'50"N / 76°14'59"W; and 37°30'28"N / 76°14'41"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. 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. 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 advised to reduce speed and proceed with caution in the area.  
Chart 12237

#### **VA – LOWER RAPPAHANNOCK RIVER - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L Contracting will be conducting dredging operations in the lower Rappahannock River, VA from 6/1/22 thru 7/15/22 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°36'30"N / 76°18'14"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. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. 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. 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 advised to reduce speed and proceed with caution in the area.  
Chart 12237

#### **VA – UPPER RAPPAHANNOCK RIVER - OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L contracting will be conducting dredging operations in the **Upper Rappahannock River, VA** from **6/1/21 thru 7/15/22** 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°43'31"n / 76°35'14"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 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. 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 advised to reduce speed and proceed with caution in the area.  
Chart 12237

#### **VA – WICOMICO RIVER- OYSTER SHELL DREDGING AND PLANTING PROJECT**

Mariners are advised that H&L contracting will be conducting dredging operations in the **Wicomico River, VA** from **6/1/22 thru 7/15/22** 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°49'24"n / 76°18'52"w; 37°49'17"n / 76°18'37"w; 37°48'33"n / 76°18'02"w; 37°47'37"n / 76°17'13"w; and 37°49'00"n / 76°17'17"w. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. 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. 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 advised to reduce speed and proceed with caution in the area.  
Chart 12237

#### **North Carolina**

##### **NC – SEACOAST – BEACH NOURISHMENT DREDGING OPERATION**

Starting approximately **May 15, 2022**, equipment and pipeline will be mobilized to a staging area located in the vicinity of Oregon Inlet, Dare County, NC. The staging area will be bound by the following approximate positions:

35°46'38.88"N, 75°31'40.99"W - 35°46'9.05"N, 75°31'58.85"W - 35°46'3.09"N, 75°31'43.53"W - 35°46'30.64"N, 75°31'30.15"W.

Secondary staging area will be bound by the following approximate positions:

35°45'56.73"N, 75°31'35.70"W, 35°45'57.58"N, 75°31'29.77"W, 35°45'49.78"N, 75°31'21.84"W, 35°45'40.41"N, 75°31'21.89"W, 35°45'41.43"N, 75°31'28.67"W.

Dredged material will be transported by the hopper dredge(s) to a pump-out station, to be pumped to the beach placement site(s) through a combination of floating and submerged pipeline. Pipeline corridor at Kill Devil Hills, Kitty Hawk and Southern Shores will be bound by the following approximate positions:

36°01'17.83"N, 75°39'44.63"W - 36°01'41.19"N, 75°38'44.13"W - 36°09'30.30"N, 75°43'17.85"W - 36°09'06.504"N, 75°44'26.54"W.

Pipeline corridor at Duck Beach will be bound by the following approximate positions:

36°12'29.51"N, 75°45'45.54"W - 36°11'10.93"N, 75°45'10.44"W - 36°11'29.12"N, 75°43'59.50"W - 36°12'50.00"N, 75°44'35.02"W.

Starting approximately 10 June 2022 and continuing until approximately **December 31, 2022**, Hopper Dredge(s) B.E. Lindholm and R.N. Weeks will be operating in the offshore borrow area located just southwest of Kill Devil Hills shoreline. Work limits will be bound by the following approximate positions:

36° 3'17.94"N, 75°33'35.75"W

36° 3'21.95"N, 75°32'31.25"W

36° 0'14.33"N, 75°32'34.10"W

36° 0'12.77"N, 75°33'46.62"W

Once underway, dredging operations will continue on a twenty-four (24) hours per day, seven days per week basis. Hopper dredges and tugs will monitor marine VHF channels 13 and 16. Mariners are urged to use extreme caution and transit the area at their slowest safe speed to create minimum wake after passing arrangements have been made. Hopper dredge(s), pipeline and equipment will each have all required U.S. Coast Guard lighting for night operations. please contact Project Manager(s) on-site: James Ferguson - (985) 273-1286, [jcferguson@weeksmarine.com](mailto:jcferguson@weeksmarine.com).  
Chart 12200.

##### **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 **March 2022** 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>  
Chart 12204.

##### **NC – SEACOAST – BEACH NOURISHMENT DREDGE OPERATIONS – AVON AND BUXON NC**

Great Lakes Dredge and Dock has been contracted to perform placement of beach material in the Village of Avon and Buxton.

The M/V ATB Douglas B. Mackie & Trailing Suction Hopper Dredge (TSHD) Ellis Island and TSHD Liberty Island will dredge material from the Avon Beach and Buxton Beach Borrow Areas and pump the material to Avon and Buxton Beaches. GLDD will utilize two subline setups to pump dredged material to the Avon Beach portion of the project and three subline setups to pump dredged material to the Buxton Beach. Waterside staging operations commenced 05/01/2022. Great Lakes Dredge and Dock is currently preparing equipment in Norfolk to mobilize the above referenced project. Pipeline rafts are being assembled within a temporary staging area situated next to Craney Island VA.

Attendant plant and pipeline rafts ~780ft in length by ~40ft in width will be towed from the Craney Island staging area to the project site, and are currently located within the Buxton Borrow Area. Equipment is anchored and lighted – boaters should avoid all staging areas. • 35 15.216N, 075 28.775W, • 35 15.342N, 075 28.628W, • 35 15.432N, 075 28.574W, • 35 15.521N, 075 28.532W, • 35 15.627N, 075 28.494W.

Vessels M/V ATB Douglas B. Mackie, TSHD Ellis Island, and TSHD Liberty Island will monitor marine VHF channels 13 and 16.  
Chart 12200.

**\*\*\*\*NC – ALBEMARLE SOUND – ALBEMARLE SOUND LIGHT 5AS – AID TO NAVIGATION CONSTRUCTION\*\*\*\***

Albemarle Sound Light 5AS (LLNR 31635) is currently under reconstruction and displaying an improper light characteristic. Current aid will be removed and new aid will be constructed in approximate position: 36-00-07.139N, 076-23-32.093W. Work barges are in the vicinity and mariners are urged to use caution when transiting the area.

Chart 12205

**NC – SEACOAST – KURE BEACH & CAROLINA BEACH – BEACH NOURISHMENT**

Great Lakes Dredge and Dock has been contracted by the Army Corp of Engineers to conduct beach nourishment. To mark borrow area and subline area, temporary buoys will be used. Buoys marking these locations should NOT be used for navigational purposes. Boaters should try to maintain a safe distance from these buoys. Great Lakes Dredge and Dock anticipates to commence mobilization activities on or around February 15, 2022. Waterside mobilization activities will include towing attendant plants and pipeline rafts. Assembly of submerged pipeline, temporary mooring of Derrick barge, Anchor Barge, pipeline and additional auxiliary equipment will be staged in Wrightsville Channel. The work under this contract consists of dredging beach quality sands from the permitted area of the Kure Beach Offshore Borrow Area B as well as, shaping, and grading the sand fill material along beach segments. Work will be performed with cutter suction dredge Texas. The hopper dredge will transport the material through a length of floating pipe to a series of pumps. The material will be conveyed from the pump out to the beach by hydraulic means through a submerged pipeline and deposited within the designated beach placement area. The dredge can be reached on marine VHF channels 13 & 16.

|                        |          |           |          |           |
|------------------------|----------|-----------|----------|-----------|
| Kure Beach Landing     | 34.0228N | 077.8943W | Staging  | Area      |
| Carolina Beach Landing | 34.0446N | 077.8860W | 34.1914N | 077.8152W |
| Booster Pump # 1       | 34.0393N | 077.8797W | 34.1939N | 077.8130W |
| Booster Pump # 2       | 34.0280N | 077.8897W | 34.1935N | 077.8123W |
|                        |          |           | 34.1910N | 077.8145W |

Dredging and Disposal Operations are often done at slow speeds with limited maneuverability. Mariners are urged to use extreme caution in the area of the dredge. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made.

Project anticipated to be complete by **JUNE 6, 2022 and be demobilized by the end of June.**

Chart 11541.

**NC – CAPE FEAR RIVER – CAPE FEAR RIVER – DREDGING**

Great Lakes Dredge & Dock Company, LLC will begin dredging in the Cape Fear River and placing dredge material in Offshore Dredge Material Site (ODMDS). The ODMDS site is south of Baldhead Island in position 33°42'44.3745", 078°01'22.6315", 33°42'44.7997", 078°02'14.7023", 33°41'55.3494", 078°02'15.2760", 33°41'54.9244", 078°01'23.2138". Dredges will consist of the Hopper Dredge Dodge Island and Hopper Dredge Padre Island, and Ellis Island. Dredge areas will be between Cape Fear River Entrance Channel Lighted Buoy 5 (LLNR 30325), and Cape Fear River Entrance Channel Lighted Buoy 10 (LLNR 30360), and between Cape Fear River Channel Lighted Buoy 13A (LLNR 30395), and Cape Fear River Channel Lighted Buoy 16 (LLNR 30450). The dredges are scheduled to arrive on April 15, 2022 and begin digging operations. Operations are expected to operate 24 hours per day, 7 days a week with a completion date of **July 15, 2022.**

Chart 11537.



**SUMMARY OF MARINE EVENTS AND FIREWORKS DISPLAYS**  
**IN THE FIFTH COAST GUARD DISTRICT**  
**ENCLOSURE (4)**

**NEW OR UPDATED INFORMATION**

New, updated or very important information in this enclosure will be highlighted in yellow.

**\*\*\*\*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 (COTP) Maryland-National Capital Region Zone during the 2022 Independence Day holiday period as follows:

1. Anacostia River, Washington, DC, within a 600-foot radius of the fireworks barge at approximate position latitude 38°52'12.71" N, longitude 077°00'14.08" W, located near the Nationals Ball Park at Washington, DC. This safety zone will be enforced on **July 1, 2022**, from 8 p.m. to 11 p.m. (no rain date) for a fireworks display scheduled at approximately 9:30 p.m. Chart 12285.
2. Miles River, St. Michaels, MD, within a 150-yard radius of the fireworks barge in approximate position latitude 38°47'55.10" N, longitude 076°12'43.75" W, located at the entrance to Long Haul Creek. This safety zone will be enforced on **July 2, 2022**, from 8 p.m. to 10:30 p.m. (rain date July 3, 2022) for a fireworks display scheduled at approximately 9 p.m. Chart 12270.
3. Northeast River, North East, MD, within a 300-yard radius of the fireworks barge at approximate position latitude 39°04'20.4" N, longitude 076°25'08.04" W, located near the North East Community Park, at North East, MD. This safety zone will be enforced on **July 3, 2022**, from 8:30 p.m. to 10:45 p.m. (rain date September 4, 2022) for a fireworks display scheduled at approximately 9:30 p.m. Chart 12273.
4. Susquehanna River, Havre de Grace, MD, within a 200-yard radius 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 3, 2022**, from 8:30 p.m. to 10:30 p.m. (rain date July 4, 2022) for a fireworks display scheduled at approximately 9:30 p.m. Chart 12274.
5. 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 076°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, 2022**, from 8:30 p.m. to 11 p.m. (rain date July 5, 2022) for a display scheduled at approximately 9:20 p.m. Chart 12282.
6. Chesapeake Bay, Chesapeake Beach, MD, (a) within a 200 yard radius of the fireworks barge at approximate position latitude 38°41'36.36" N, longitude 076°31'29.58" W, and (b) within a 200 yard radius of the fireworks barge in approximate position latitude 38°41'27.84" N, longitude 076°31'28.50" W, located near Chesapeake Beach, MD. This safety zone will be enforced on **July 3, 2022**, from 8 p.m. to 10:30 p.m. (rain date July 9, 2022) for a fireworks display scheduled at approximately 9 p.m. Chart 12263.
7. 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 approximately 330 yards northwest of the waterfront at Oxford, MD. This safety zone will be enforced on **July 3, 2022** from 8:30 p.m. to 11 p.m. (rain date July 5, 2022) for a fireworks display scheduled at 9:30 p.m. Chart 12266.
8. 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 3, 2022**, from 8:30 p.m. to 10:30 p.m. (rain date July 4, 2022) for a fireworks display scheduled at approximately 9:30 p.m. Chart 12274.
9. 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 800-foot radius of a fireworks barge at approximate position latitude 39°16'36.7" N, longitude 076°35'53.8" W, located northwest of the Domino Sugar refinery wharf at Baltimore, MD. These safety zones will be enforced on **July 4, 2022**, from 8:30 p.m. to 11 p.m. (rain date July 5, 2022) for a fireworks display scheduled at 9:30 p.m. Chart 12281.
10. Middle Branch, Patapsco River, Baltimore, MD, within a 800-foot radius of a fireworks barge at approximate position latitude 39°15'31.67" N, longitude 076°37'13.95" W, located west of the Hanover Street (SR-2) Bridge at Baltimore, MD. This safety zone will be enforced on **July 4, 2022**, from 8:30 p.m. to 11 p.m. (no rain date) for a fireworks display scheduled at 9:30 p.m. Chart 12281.
11. Severn River and Spa Creek, Annapolis, MD, within a 200-yard radius of the fireworks barge at approximate position latitude 38°58'38" N, longitude 076°28'41" W, located near the entrance to Spa Creek at Annapolis, MD. This safety zone will be enforced on **July 4, 2022**, from 8 p.m. to 10:30 p.m. (rain date July 5, 2022) for a fireworks display scheduled at 9:15 p.m. Charts 12282, 12283.
12. Chester River, Kent Island Narrows, MD, within 800 feet of the fireworks launch site at approximate position latitude 38°58'45" N, longitude 076°14'53" W, located on shore at Ferry Point Park on **July 4, 2022**, from 8:30 p.m. to 10:30 p.m. (rain date July 5, 2022) for a display scheduled at approximately 9:15 p.m. Chart 12272.
13. 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, 2022**, from 8 p.m. to 10:30 p.m. (rain date July 5, 2022) for a fireworks display scheduled at 9:15 p.m. Chart 12284.
14. Isle of Wight Bay, Ocean City, MD, within a 150 yard radius of the fireworks barge in approximate position latitude 38°22'31" N, longitude 075°04'30" W. This safety zone will be enforced on **July 4, 2022**, from 8:30 p.m. to 10:30 p.m. (rain date July 5, 2022) for a fireworks display scheduled at 9:30 p.m. Chart 12211.

Fireworks barges and launch sites on land for fireworks safety zones described in the Tables to [Title 33 Code of Federal Regulations Section 100.506](#) will have warning signs labeled "FIREWORKS - DANGER -STAY AWAY" to provide on scene notice that the safety zone will be enforced. The general regulations contained in [33 CFR 165.23](#) apply. Vessels may not enter, remain in, or transit through the safety zones during enforcement unless authorized to do so by the Coast Guard COTP Maryland-National Capital Region or the Coast Guard Event Patrol Commander (Event PATCOM). The Coast Guard may assign an official patrol to each fireworks display listed above. For each fireworks display assigned a patrol, a Event PATCOM will be assigned to oversee the patrol. All persons and vessels must comply with the instructions of the Coast Guard COTP, Event PATCOM, or the official patrol. Upon being hailed by a U.S. Coast Guard vessel by siren, radio, flashing light or other means, the operator of a vessel must proceed as directed. 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 SEACOAST AND THEIR TRIBUTARIES – FIREWORKS DISPLAYS\*\*\*\***

Notices have been 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 2022 Independence Day holiday period as follows:

15. **Chesapeake and Delaware Canal, Chesapeake City, MD**, the fireworks launch site is located at an upland site on shore at approximate position latitude 39°32'02.5" N, longitude 075°48'33.2" W, on **July 1, 2022** (rain date July 2, 2022) for a display scheduled at 9:30 p.m. Mariners are reminded to heed the Coast Guard regulations described at [33 CFR § 162.40](#), Inland waterway from Delaware River to Chesapeake Bay, Del. and Md. (Chesapeake and Delaware Canal). Chart 12277.

16. **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 **July 2, 2022** (rain date July 3, 2022) for a display scheduled at approx. 9:15 p.m. Chart 12264.

17. **Upper Chesapeake Bay, Approaches to Baltimore Harbor, MD**, mariners are urged to remain at least 400 feet from the fireworks discharge site at the end of a pier at approximate position latitude 39°12'49.7" N, longitude 076°14'45.3" W, located at the Tolchester Marina, at Chestertown, MD on **July 2, 2022** (no rain date) for a fireworks display scheduled at 9:15 p.m. Chart 12278.

18. **Middle River, Baltimore County, MD**, mariners are urged to remain at least 800 feet from the fireworks discharge barge at approximate position latitude 39°18'22" N, longitude 076°23'59" W, located south of Galloway Point on **July 2, 2022** (no rain date) for a fireworks display scheduled at 9 p.m.

19. **Severn River, Annapolis, MD**, mariners are urged to remain at least 100 yards from the fireworks discharge barge at approximate position latitude 39°01'06.3" N, longitude 076°31'42.1" W, located at the mouth of Clements Creek, near the Epping Forest Clubhouse on **July 3, 2022**, from 8:30 p.m. to 11 p.m. (no rain date) for a display scheduled at approximately 9 p.m. Chart 12282.

20. **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°32'26.5" W, located on the south jetty at Herrington Harbour South Marina on **July 3, 2022** (rain date September 2, 2022) for a display scheduled at 9:30 p.m. Chart 12266.

21. **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 2, 2022** (rain date July 5, 2022) for a display scheduled at 9 p.m. Chart 12231.

22. **Chesapeake Bay, Gibson Island, MD**, mariners are urged to remain at least 450 feet from the fireworks discharge barge on the Chesapeake Bay, at approximate position latitude 39°04'34.77" N, longitude 076°25'14.18" W, located approximately 450 feet east of the Gibson Island Club on **July 3, 2022** (rain date July 9, 2022) for a display scheduled at approximately 9:30 p.m. Chart 12278.

23. **Potomac River, Colonial Beach, VA**, mariners are urged to remain at least 600 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 3, 2022** (rain date July 5, 2022) for a display scheduled at approximately 10 p.m. Chart 12286.

24. **Herring Bay, Rose Haven, MD**, mariners are urged to remain at least 420 feet from the fireworks discharge site at approximate position latitude 38°43'48" N, longitude 076°32'26" W, located on the south jetty at Herrington Harbour South Marina on **July 3, 2022** (rain date September 4, 2022) for a display scheduled at 9:30 p.m. Chart 12266.

25. **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, 2022** from 8 p.m. to 10:30 p.m. (rain date July 5, 2022) for a fireworks display scheduled at approximately 9:15 p.m. Chart 12266.

26. **Potomac River, Naniemoy Creek, MD**, mariners are urged to remain at least 500 feet from the fireworks discharge site at approximate position latitude 38°27'30.44" N, longitude 077°02'37.34" W, located on shore at Welcome, MD on **July 4, 2022** (no rain date) for a display scheduled at 9:20 p.m. Chart 12288.

27. **Potomac River, Mount Vernon, VA**, mariners are urged to remain at least 600 feet from the fireworks discharge barge at approximate position latitude 38°42'22.35" N, longitude 077°04'59.54" W, located at the entrance to Little Hunting Creek on **July 4, 2022** (no rain date) for a daytime display scheduled at approximately 1 p.m. Chart 12289.

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 site not listed above. For any comments or questions, contact U.S. Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.

**\*\*\*\*MD – CHESAPEAKE BAY - COVE POINT TO SANDY POINT - CHESAPEAKE CHANNEL – SAILING REGATTA\*\*\*\***

A sailing regatta is scheduled to occur on the Chesapeake Bay on **June 25, 2022**, between 11 a.m. and 6 p.m. The event consists of up to 100 sail boats, (20 to 35 feet in length) competing on a designated course starting on the Severn River and proceeding between the William P. Lane Jr. Memorial (US 50/301) Bridge and Thomas Point Shoal Light (LLNR 7760). Information on this "J105 Women's Regatta" event is available at website <http://scc1944.clubexpress.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 12263.

**\*\*\*\*MD – CHESAPEAKE BAY – EASTERN BAY – MILES RIVER – SAILING REGATTAS\*\*\*\***

Annual log sailing canoe races are scheduled to occur on the Miles River during **June 25-26, 2022**, between 9 a.m. and 4 p.m. those days. Up to 12 historic sailing log canoes (25 to 40 feet in length) will compete in three races (2 on Saturday, 1 on Sunday) along a designated race course located near St. Michaels, MD. On Saturdays, a race will start at approximately 9 a.m. and at 4 p.m. On Sundays, a race will start at approximately 9 a.m. Each participating vessel will be accompanied by its own support watercraft. Mariners are urged to use caution when transiting the area, operate vessels with safe a course and speed that minimizes wake near the event participants, and can contact the Miles River Yacht Club race committee vessel via marine band radio VHF-FM channel 16 or 79. Additional information on this Chesapeake Bay Log Canoe Racing event is available at website:

<https://www.milesriveryc.org>. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Branch, at (410) 576-2674 or 2693. Chart 12270.

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

An annual sailing regatta is scheduled to occur in the Chesapeake Bay near the mouth of the Severn River on **June 18, 2022**, between 10 a.m. and 4 p.m. Up to 30 sail boats (10-34 feet in length) of various classes will compete in a series of races along a designated drop mark course in the vicinity of Annapolis Harbor Channel Lighted Buoy "2" (LLNR 19695). Races will start at or after 11 a.m. Participants will be supported by sponsor-provided safety boats. More information on the "One Design Classic" can be obtained at the website <http://eastportyc.org/>. Interested mariners can contact the Eastport Yacht Club race committee on marine band radio VHF-FM channels 16 and 73. For any comments or questions, contact U.S. Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693. Charts 12270, 12263

#### **MD – CHESAPEAKE BAY – SEVERN RIVER — SAILING REGATTA (WEEKLY SERIES)**

An annual sailboat racing weekly series is scheduled to occur in the Severn River each Thursday evening during **May 5, 2022-August 25, 2022**, between 6 p.m. and 9 p.m. Up to 80 participants (small keel sailboats, 19-24 feet in length) will race in heats within two courses 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 courses. Race committee support vessels will be on scene. Event information is available at website <http://jworldannapolis.com/annapolis-sailing-courses/racing/thursday-night-racing/>. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region at (410) 576-2674 or (410) 576-2693.

Charts 12282, 12283

#### **\*\*\*\*MD – CHESAPEAKE BAY – SEVERN AND MAGOTHY RIVERS – ANNAPOLIS HARBOR CHANNEL – SAILING REGATTA\*\*\*\***

An annual sailing regatta is scheduled to occur on the Chesapeake Bay on **June 25, 2022**, between 11 a.m. and 5 p.m. Up to 15 sail boats (25-40 feet in length) will operate along a designated race course located, between Annapolis Harbor Channel Lighted Buoy 6 (LLNR 19740) and Annapolis Harbor Channel Lighted Buoy 2 (LLNR 19695), near the mouth of the Severn River in Annapolis, MD. More information on the "Cruisers Cup Race" is available at website <https://eastportyc.org>. Interested mariners can contact the Eastport Yacht Club race committee on board the signal boat via marine band radio VHF-FM channels 16, 13 and 73. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.

Chart 12282.

#### **MD – CHESAPEAKE BAY – SEVERN AND MAGOTHY RIVERS – SEVERN RIVER – SAILING REGATTA SERIES**

An annual sail racing series is scheduled to occur in the Severn River each Friday evening during **May 20, 2022 - August 13, 2022**, between 5 p.m. and 8:30 p.m. Excluded dates include May 27th, July 1<sup>st</sup>, and August 5th. Up to 40 auxiliary sail boats (20 to 45 feet in length) of various classes 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. First race start will occur at approximately 6:15 p.m. Additional information can be obtained at the website:

<https://www.eastportyc.org/beer-cans>. Interested mariners can contact the Eastport Yacht Club Race Committee on "EYC Friday Night Signal Boat" via marine band radio VHF-FM channel 09, 13, 16 or 73. 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 12282, 12283.

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

Annual sailing regattas sponsored by the Annapolis Yacht Club (AYC) are scheduled to occur on the Severn River and the Chesapeake Bay near the mouth of the Severn River, during 2022. Unless otherwise indicated, the events will occur between 10 a.m. and 4 p.m. Twenty five individual AYC events are scheduled on the following dates: (1) **April 27-August 31** (*Wednesday Night Races* - 90 participants, 22-50 feet in length, from 6 p.m. to 7:30 p.m.); (2) **April 30** (*Spring One Design* - 25 participants, 22-31 feet in length) (3) **May 7** (*Spring Harbor Regatta* - 25 participants, 20-28 feet in length); (4) **May 7** (*Spring Race to Oxford* - 30 participants, 30-50 feet in length, from 9 a.m. to 4 p.m.); (5) **May 13-15** (*NOOD Regatta* - 200 participants, 22-40 feet in length) (6) **June 4** (*Don Backe Memorial CRAB* - 6 participants, 22 feet in length); (7) **June 11-12** (*Star NA Tune-Up* - 25 participants, 23 feet in length); (8) **June 15-18** (*Star North Americans* - 23 feet in length); (9) **July 6** (*Junior Annual Regatta* - 100 participants, 8-15 feet in length); (10) **July 23-24** (*Annual Regatta* - 45 participants, 24-50 feet in length); (11) **July 31** (*Two Bridge Fiasco* - 75 participants, 22-60 feet in length, from 10 a.m. to 5 p.m.); (12) **August 27-28** (*Corinthian Cup* - 4 participants, 22 feet in length); (13) **September 9-11** (*Harbor 20 North Americans* - 20 participants, 20 feet in length); (14) **September 23-25** (*Annapolis YC 3-2-1 Invitational* - 12 participants, 20-30 feet in length); (15) **September 24** (*Fall Race to Solomons* - 45 participants, 30-50 feet in length); (16) **October 1-2** (*Fall Series 1* - 30 participants, 22-34 feet in length); (17) **October 1-2** (*Doublehanded Distance Race* - 20 participants, 29-50 feet in length, overnight from 12 p.m. to 12 p.m. the following day); (18) **October 3-5** (*Warrior Sailing Project* - 8 participants, 22 feet in length); (19) **October 8** (*Fall Series River Course* - 25 participants, 20-28 feet in length); (20) **October 8-9** (*Fall Series-2* - 30 participants, 30-50 feet in length); (21) **October 15-16** (*Eschells - Lippincott* - 30 participants, 23 & 30 feet in length); (22) **October 21-23** (*J/35 North Americans* - 10 participants, 35 feet in length); (23) **October 22-23** (*J/105 East Coasts* - 25 participants, 35 feet in length); (24) **October 29-30** (*Halloween Howl* - 50 participants, 8 feet in length); and (25) **November 6-December 11** (*Frostbite Series - 1st Half* - 80 participants, 22-45 feet in length, from 12 p.m. to 4 p.m.). Additional information on these events can be obtained at website <https://www.annapolisyc.com/>. The AYC Race Committee can be contacted via marine band radio VHF-FM channels 09, 13, 16, 68, 69, 70, 71 and 72. 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.

Charts 12270, 12282, 12283.

#### **MD – CHESAPEAKE BAY – CHESTER RIVER - CORSICA RIVER – PADDLE RACES**

The "Gunston SUP Cup" is scheduled to occur in the Corsica River on **June 18, 2022**, from 8:30 a.m. to 11:30 a.m. Approximately 75 paddlers will operate stand-up paddle boards along designated 1, 3 and 6-mile race courses located between Rocky Point and Fort Point. Races will start at Jacob's Nose at the Gunston School in Centreville, MD. An orange buoy will be used to mark each of the three race courses. Participants will be supported by sponsor-provided power boats. Interested mariners can contact the event Person in Charge on marine band radio VHF-FM channel 78. Mariners are urged to use caution when transiting the area and remain alert for participating watercraft and their support craft. For any comments or questions contact U.S. Coast Guard Sector Maryland-national Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

Chart 12272.

#### **\*\*\*\*MD – CHESAPEAKE BAY – BALTIMORE HARBOR AND ITS APPROACHES– SEVERN RIVER AND SPA CREEK – KENT ISLAND NARROWS – POWER BOAT POKER RUN\*\*\*\***

An annual power boat poker run is scheduled to occur in Baltimore Harbor and its approaches and the Chesapeake Bay and its tributaries on **June 25, 2022** (rain date of June 26, 2022), between 9 a.m. and 2:30 p.m. Up to 50 high-performance power boats (30-50 feet in length) will start at Baltimore's Inner Harbor (at the Harbor East Marina), transit outbound the Patapsco River and into the Chesapeake Bay to planned stops, including Rock Creek entrance (Pasadena, MD), Annapolis Harbor (Annapolis, MD), Eastern Bay (Grasonville, MD), Tolchester Marina (Chesertown, MD), and finish at Back River (Sparrows Point, MD). Additional event information on the "Rockin the Harbor" event can be obtained at website <https://www.rockintheharbor.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, 12270, 12283.

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

Mariners are advised that an annual sailboat racing weekly series is scheduled to continue in Baltimore Harbor each Thursday evening from **April 07, 2022 through September 29, 2022**, between 6 p.m. and 8:30 p.m. Up to 15 sailboats (22-23 feet in length) will compete along a designated race course located in one of four areas in Northwest Harbor: Course A: Northwest Harbor, north and west of Tide Point and east of Harbor View Tower, in the vicinity of Baltimore Inner Harbor Buoy 4 (LLNR 21363.1); B: Northwest Harbor in vicinity of West Channel, between Fells Point and Northwest Harbor Channel Junction Lighted Buoy NH (LLNR 21360); Course C: Patapsco River North of Fort McHenry (Canton Turning Basin); Course D: Patapsco River, east of Ft McHenry and north of Ferry Bar Channel, in vicinity of Fort McHenry Angle Junction Lighted Buoy FM (LLNR 8315). 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.

#### **MD – CHESAPEAKE BAY – SANDY POINT TO SUSQUEHANNA RIVER – FORT MCHENRY CHANNEL – SAILING REGATTA**

An annual nighttime sailboat race is scheduled to occur in the Approaches to Baltimore Harbor and Patapsco River, between **5:30 p.m. on June 17, 2022 and 2 a.m. on June 18, 2022**. Approximately 30 sail boats (20 to 60 feet in length) will compete on a designated course located between Northwest Harbor at Baltimore, the mouth of the Patapsco River, and the mouth of the Magothy River. Interested mariners may contact the Baltimore City Yacht Association Race Committee on marine band radio VHF-FM channel 72. Additional event information can be obtained at website: [www.bcya.com](http://www.bcya.com). For any comments or questions contact Coast Guard Sector Maryland-national Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12273, 12278, 12281.

#### **DC – POTOMAC RIVER - UPPER POTOMAC AND ANACOSTIA RIVERS – BOAT PARADE**

An annual Juneteenth/Emancipation Day parade of boats is scheduled to occur in the Upper Potomac River and Anacostia River on **June 20, 2022**, from 11 a.m. to 1 p.m. The boat parade consists of 30 sail and power vessels (15-53 feet in length) operating on a clockwise route that will gather in the Anacostia River at the Fredrick Douglas Memorial (South Capitol Street) Bridge, proceed southbound to the Woodrow Wilson Memorial (I-495/I-95) Bridge, and continue northbound to the I-395 Bridge in the Washington Channel. Participants will be supported by sponsor-provided watercraft. For any comments or questions, contact U.S. 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 GEORGETOWN – UPPER POTOMAC RIVER – SWIM EVENT\*\*\*\***

A marathon swim is scheduled to occur in the Upper Potomac River on **June 16, 2022** from 7:30 a.m. to 5:30 p.m. Three swimmers will compete on a 21-mile swim course starting at Fletchers Cove at Washington, DC and proceeding southward on the Potomac River. Upon reaching the Alexandria, VA area, swimmers will continue the swim along the western shoreline, to finish at Mount Vernon, VA. Participants will be escorted by jet skies, kayaks and various powerboats (12 to 24 feet in length) that will be monitoring marine radio VHF-FM channels 16 and 71. For any comments or questions, contact U.S. 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 GEORGETOWN – UPPER POTOMAC RIVER - LITTLE HUNTING CREEK – FIREWORKS DISPLAY\*\*\*\***

Two short duration aerial fireworks displays are scheduled to occur on the Potomac River, each from a barge near the grounds of George Washington's Mount Vernon Estate and Gardens, on **June 24 & 25, 2022** (no rain dates) at 9:25 p.m. each day. 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 in approximate position latitude 38°42'22.35" N, longitude 077°04'59.54" W, located near Little Hunting Creek LB 4 (LLNR 18430). For any comments or questions, contact U.S. 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 GEORGETOWN – NATIONAL HARBOR CHANNEL - REGULATED AREA\*\*\*\***

An annual open water swim event is scheduled to occur on the Upper Potomac River on **June 26, 2022**, between 8:00 a.m. and 11:00 a.m. The open water swim courses, marked to designate three distances including 1 Km, 2 Km and 4 Km, will start and finish at the commercial pier at National Harbor, MD. Up to 250 adult and youth participants will be supported by sponsor-provided watercraft. As described in Table 2 to Paragraph (i)(2) of [33 CFR 100.501](#), a regulated area is established for 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. **The regulated area will be enforced from 7:30 a.m. to 11:30 a.m. on June 26, 2022.** The Captain of the Port (COTP) Maryland-National Capital Region may assign one or more official patrol vessels, as described in [§ 100.40](#), to this regulated event. A Coast Guard Event Patrol Commander (PATCOM) is designated to oversee the patrol assigned for this event. The patrol vessel and the Event PATCOM may be contacted on VHF-FM Channel 16. The Event PATCOM or official patrol vessel may forbid and control the movement of all persons and vessels in the regulated area. When hailed or signaled by an official patrol vessel, the person or vessel being hailed must immediately comply with all directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of a vessel in the regulated area must stop the vessel immediately when directed to do so by an official patrol vessel and then proceed only as directed. A person or vessel must comply with all instructions of the Event PATCOM or official patrol vessel. A vessel operator may request permission to enter and transit through a regulated area by contacting the Event PATCOM or official patrol vessel on VHF-FM channel 16. When authorized to transit through the regulated area, the vessel must proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the event area. The COTP Maryland-National Capital Region or Event PATCOM may postpone or cancel a marine event at any time if, in the COTP's sole discretion, the COTP determines that cancellation is necessary for the protection of life or property. 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 – CAPE HENERY TO THIMBLE SHOAL LIGHT - BBSA LITTLE CREEK RACERS WEDNESDAY NIGHT SERIES**

The Broad Bay Sailing Association is sponsoring the Little Creek Racers Wednesday Night Series on April 6<sup>th</sup> running until **September 21, 2022** in Southern Chesapeake Bay, off the shores of Norfolk and Virginia Beach, VA. The sailboats will begin transiting to the racing area at 4:30 p.m. Mariners are requested to use caution when transiting the area.

Chart 12254

**VA – CHESAPEAKE BAY - SOUTHERN BAY RACE WEEK 2022**

Hampton Yacht Club is sponsoring Southern Bay Race Week 2022, with several dozen small sailing craft operating in waters of the Southern Chesapeake Bay near Buckroe Beach between 8:00 a.m. and 5:00 p.m. on **June third, fourth and fifth of 2022**.

Chart 12222

**VA – OCEAN VIEW BEACH PARK - SHORE THING INDEPENDENCE DAY**

The Norfolk Festevents Ltd. is sponsoring the Shore Thing Independence Day Celebration at Ocean View Beach Park, Norfolk, VA. The Fireworks will begin on July 1, 2022 at 9:30 p.m. and end at 9:45 p.m. Mariners are requested to use caution when transiting the area.

Chart 12222

**VA – HAMPTON ROADS - WILLOUGHBY BAY - BBSA WILLOUGHBY RACER WEEKLY SERIES**

The Broad Bay Sailing Association is sponsoring the BBSA Willoughby Racer weekly series in Willoughby Bay, Norfolk, VA. The weekly sailboat races will begin on April 6<sup>th</sup> and run every Thursday until **September 21, 2022** with vessels racing between at 5:30 p.m. and 9:00 p.m. Mariners are requested to use caution when transiting the area.

Chart 12245

**VA – ELIZABETH RIVER - HAMPTON ROADS PRIDE BOAT PARADE**

The Hampton Roads Pride Boat Club is sponsoring the Hampton Roads Pride Boat Parade in Elizabeth River, Norfolk, VA in the vicinity of Town Point Reach. The small craft parade will begin on **June 25, 2022** at 11:30 a.m. and end at 1:30 p.m. Mariners are requested to use caution when transiting the area.

Chart 12222

**VA – ELIZABETH RIVER – BOAT PARADE**

The America's Boat Parade will be held in the Elizabeth River, Norfolk VA between Craney Island and Town Point Park on Sunday, **July 3rd, 2022** between 12:00 p.m. and 3:00 p.m. This boat parade will include at least 20 participating vessels of varying sizes. Mariners are requested to use caution when transiting in the vicinity of the parade area and wherever participating boats congregate.

Chart 12222

**\*\*\*\*VA – ELIZABETH RIVER - Town Point Reach - 40th Annual Independence Day Celebration\*\*\*\***

Norfolk Festevents Ltd is sponsoring the 40th Annual Independence Day Celebration near Town Point Park in Norfolk, VA. The Fireworks will begin on **July 4th** at 9:30 p.m. and end at 09:50 p.m. The U.S. Coast Guard will be enforcing a safety zone during this time to include all waters of the Elizabeth River located within a 500 yard radius of the firework display at position latitude 36°50.68' N, longitude 076°17.78' W. Vessels may not enter, remain in, or transit through the safety zone during this time unless authorized by the Patrol Commander. Mariners can contact the Patrol Commander via VHF-FM Channel 16.

Chart 12248

**VA – NORFOLK HARBOR & ELIZABETH RIVER – EASTERN BRANCH RIVER - NORFOLK TIDES BASEBALL POST-GAME FIREWORKS**

Norfolk Tides Baseball is sponsoring the post-game fireworks launching from land at the conclusion of each game on the following dates: **May 14; June 4, 18; July 2, 3, 16; August 6, 20; September 3, 10, 17, 2022**. Vessels will be asked to avoid the northern shore line of the Eastern Branch Elizabeth River in the Vicinity of Harbor Park when provided notice by the on water patrol craft in order to maintain public safety around a fireworks fallout zone. Mariners are requested to use caution when transiting the area on these dates.

Chart 12253

**VA – NORFOLK HARBOR – SOUTHERN BRANCH ELIZABETH RIVER**

The Portsmouth Boat Club will be sponsoring the 2022 Cock Island Race on Saturday **June 18, 2022** from 9:00 AM until 2:00 PM. This event will start on the Southern Branch of the Elizabeth River at the Portsmouth Seawall, run up to Lambert's Point, then towards Sewall's Point and out to the Middle Grounds Light (LLNR 10815) and return to the southern branch of the Elizabeth River to the Portsmouth City Seawall. An estimated 100 boats will be participating in this year's race with mono-hull sailboats ranging in size from 20-50 feet LOA. Mariners are requested to use caution and bare steerage when transiting the area.

Chart 12253 and 12245

**VA – CHESAPEAKE BAY – JAMES RIVER – JAMESTOWN TRIATHLON**

Kinetic Endeavors is sponsoring the Jamestown Triathlon in the vicinity of the Jamestown Event Park, Williamsburg, VA. The swim portion of the event will begin at 6:00 a.m. and end at 10:00 a.m. on **June 18, 2022**. Mariners are requested to use caution and bare steerage when transiting the area.

Chart 12248

**\*\*\*\*VA – NANSEMOND RIVER – STARS & STRIPES SPECTACULAR\*\*\*\***

City of Suffolk Parks & Recreation is sponsoring the Stars & Stripes Spectacular near Suffolk, VA. The Fireworks will begin on **July 4th** at 06:00 p.m. and end at 09:00 p.m. Mariners are requested to use caution when transiting the area.

Chart 12248

**\*\*\*VA – JAMES RIVER - STARS IN THE SKY\*\*\***

City of Newport News - Dept. of Parks, Recreation, & Tourism is sponsoring the Stars in the Sky near Newport News, VA. The Fireworks will begin on **July 4th** at 9:30 p.m. and end at 10:00 p.m. The U.S. Coast Guard will be enforcing a safety zone during this time to include all waters of the James River located within a 200 yard radius of the firework display at position latitude 36°58' 28.72" N, longitude 076°26'20.97" W. Vessels may not enter, remain in, or transit through the safety zone during this time unless authorized by the Patrol Commander. Mariners can contact the Patrol Commander via VHF-FM Channel 16.

Chart 12248

**VA – JAMES RIVER - VIRGINIA BOAT CLUB SPRINTS REGATTA**

The Virginia Boat Club is sponsoring the Virginia Boat Club Sprints Regatta on the James River in the vicinity of Robious Landing Park in Midlothian, VA. This annual regatta is a series of 1,000 meter races with four to five competitor craft at a time. The races will begin at 7:00 a.m. and end at 4:00 p.m. on **June 18<sup>th</sup>**. Mariners are requested to use caution when transiting the area.

Chart 12245

**VA –JAMES RIVER - CITY OF HOPEWELL FIREWORKS DISPLAY**

The Hopewell Recreation and Parks (City Hopewell) is sponsoring the City of Hopewell Fireworks Display in the waters of the APPOMATTOX RIVER near Hopewell, VA. The Fireworks will begin on **July 2, 2022** at 9:00 p.m. and end at 11:00 p.m. Mariners are requested to use caution when transiting the area.

Chart 12286

**\*\*\*VA – YORK RIVER – YORKTOWN FOURTH OF JULY CELEBRATION\*\*\***

York County Tourism Development & York County Parks & Recreation is sponsoring the Yorktown Fourth of July Celebration near Yorktown, VA. The Fireworks will begin on **July 4th** at 8:15 p.m. and end at 09:45 p.m. The U.S. Coast Guard will be enforcing a safety zone during this time to include all waters of the York River located within a 200 yard radius of the firework display at position latitude 37°14'14.81" N, longitude 077°30'0.08" W. Vessels may not enter, remain in, or transit through the safety zone during this time unless authorized by the Patrol Commander. Mariners can contact the Patrol Commander via VHF-FM Channel 16.

Chart 12248

**\*\*\*VA – PIANKATANK RIVER - 4TH OF JULY ON THE PIANKATANK RIVER\*\*\***

Horse Point Entertainment is sponsoring the 4<sup>th</sup> of July on the Piankatank River near Hartfield, VA. The Fireworks will begin on July 3rd at 9:00 p.m. and end at 10 p.m. with a rain date of July 4<sup>th</sup> starting at 9 p.m. and ending at 10 p.m. Mariners are requested to use caution when transiting the area.

Chart 12235

**VA – RAPPAHANNOCK RIVER – BOAT PARADE**

The Rappahannock River Patriot Parade will be held in the Rappahannock River, VA between Urbana and Irvington Virginia on Saturday, **June 18th**, 2022 between 1:00 p.m. and 3:30 p.m. This boat parade will include anywhere from 35 to 350 participating vessels of varying sizes. Organizers can be reached on VHF-FM Channel 72. In addition, prior to the event, boats will be congregating on the Rappahannock River just north of Urbana and will proceed into Urbana Creek and then across the river as a group. Mariners are requested to use caution when transiting in the vicinity of the parade area and wherever participating boats congregate.

Chart 12245, 12253

**VA – RAPPAHANNOCK RIVER - URBANNA INDEPENDENCE DAY CELEBRATION**

The Town of Urbana, Virginia is sponsoring the Urbana Independence Day Celebration in the waters of Rappahannock River near Urbana, VA. The Fireworks will begin on **July 2, 2022** at 1000 p.m. and end at 10:30 p.m. Mariners are requested to use caution when transiting the area.

Chart 12235

**VA –WICOMICO RIVER - JULY 4TH REEDVILLE**

The Reedville Fishermen's Museum, Reedville Virginia is sponsoring the July 4th Reedville in the waters of the Wicomico River near Reedville, VA. The Fireworks will begin on **July 2nd** at 9:45 p.m. and end at 10:15 p.m. Mariners are requested to use caution when transiting the area.

Chart 12235

**VA – BACK BAY & MUDDY CREEK - PIPELINE PADDLE TO A CURE**

The Cystic Fibrosis Foundation is sponsoring the Pipeline Paddle to a Cure in Virginia Beach, VA on **June 18 2022** from 8:00 a.m. to 2:00 p.m. Registered participants will have their choice of a 5 or 10 mile route in Back Bay, starting and finishing at Blue Pete's Restaurant. There is expected to be around 50 registered participants using either SUPs, prone SUPs, kayaks, or canoes. Mariners are requested to use caution when transiting the area.

Chart 12245

**\*\*\*VA –VIRGINIA BEACH – LINKHORN BAY - CGYC FOURTH OF JULY FIREWORKS\*\*\***

Cavalier Golf and Yacht Club is sponsoring the Cavalier Golf and Yacht Club Fourth of July Fireworks near Virginia Beach, VA. The Fireworks will begin on **July 4th** at 9:00 p.m. and end at 09:30 p.m. The U.S. Coast Guard will be enforcing a safety zone during this time to include waters of the Linkhorn Bay located within a 200 yard radius of the firework display at position latitude 36°52.205' N, longitude 076°00.385' W. Vessels may not enter, remain in, or transit through the safety zone during this time unless authorized by the Patrol Commander. Mariners can contact the Patrol Commander via VHF-FM Channel 16.

Chart 12221

**\*\*\*\*VA – VIRGINIA BEACH OCEANFRONT - STARS & STRIPES EXPLOSION VB\*\*\*\***

Integrated Management Group, LLC is sponsoring the Stars & Stripes Explosion VB near Virginia Beach, VA. The Fireworks will begin on **July 4th** at 8:45 p.m. and end at 9:45 p.m. The U.S. Coast Guard will be enforcing a safety zone during this time to include all waters of the Virginia Beach Oceanfront located within a 200 yard radius of the firework display at position offshore between 17<sup>th</sup> & 30<sup>th</sup> Street, Virginia Beach, VA. Vessels may not enter, remain in, or transit through the safety zone during this time unless authorized by the Patrol Commander. Mariners can contact the Patrol Commander via VHF-FM Channel 16.

Chart 12248

**\*\*\*\*VA –VIRGINIA BEACH - SHORE DRIVE FIREWORKS SHOW\*\*\*\***

The Ocean Park Civic League is sponsoring the Shore Drive Fireworks Show near Virginia Beach, VA. The Fireworks will begin on **July 3rd** at 9:00 p.m. and end at 10 p.m. The U.S. Coast Guard will be enforcing a safety zone during this time to include all waters of the Chesapeake Bay located within a 200 yard radius of the firework display at position latitude 36°54'58.18" N, longitude 076°06'44.3" W. Vessels may not enter, remain in, or transit through the safety zone during this time unless authorized by the Patrol Commander. Mariners can contact the Patrol Commander via VHF-FM Channel 16.

Chart 12221

**\*\*\*\*VA –LAKE LOUISA – BLUE RIDGE SHORES FIREWORK DISPLAY\*\*\*\***

Blue Shores Home Owners Association is sponsoring the Blue Ridge Shores Fireworks near Lake Louisa, VA at position 38° 06' 31.58"N, 78° 01' 07.37"W. The Fireworks will begin on **July 2nd** at 9:15 p.m. and end at 09:35 p.m. Request mariners transit the area with caution.

# **SUMMARY OF OFFSHORE RENEWABLE ENERGY INSTALLATIONS (OREI) AND OPERATIONS IN SUPPORT OF OREI IN THE FIFTH COAST GUARD DISTRICT ENCLOSURE (5)**

## **NEW OR UPDATED INFORMATION**

New, updated or very important information in this enclosure will be highlighted in yellow.

### **NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS**

The HOS Browning, CALL SIGN XCBK8, will be conducting geotechnical survey operations, using mobilized marine drill rig and seabed frame, beginning on June 1, 2022 and continuing to approximately **October 30, 2022**. The survey is located about 16 miles (30km) off the New Jersey coast, between Barnegat Light and Atlantic City bounded by the following approximate positions:

NE Corner: 39° 40' 22"N / 73° 56' 11"W

SE Corner: 39° 15' 43"N / 73° 56' 34"W

S Corner: 39° 08' 40"N / 74° 05' 50"W

SW Corner: 39° 16' 31"N / 74° 14' 55"W

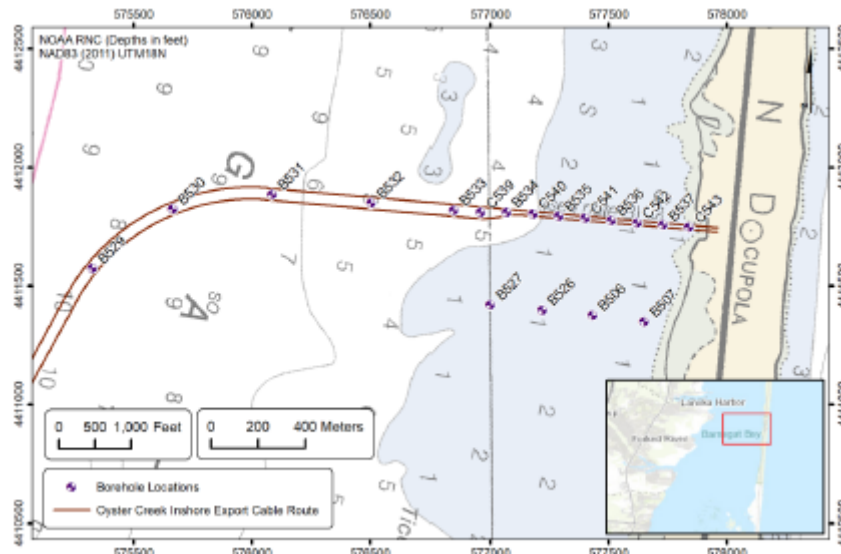
NW Corner: 39° 35' 14"N / 74° 02' 59"W

The HOS Browning will be restricted in her ability to maneuver and is requesting mariners operating in or transiting the area to give a 1 NM CPA. The HOS Browning will be monitoring VHF channels 16 and can be contacted on these frequencies for safe passing arrangements.

Chart 12323, 12318

### **NJ – MANASQUAN – ATLANTIC CITY – MARINE SURVEY**

Orsted North America is conducting a geotechnical survey in Barnegat Bay (fig 1) starting 10 June 2022. This survey is to understand the soil characteristics of the sea floor to support the design and installation of the export cable for the Ocean Wind 01 wind farm to onshore power distribution.



Orsted has contracted Alpine Ocean Seismic Survey to conduct the survey. Due to the shallow nature of this area, Alpine has chosen to use an amphibious crawler, owned by Gregg Drilling, to conduct the survey (see fig 2). This crawler is unique to Barnegat Bay but has a proven track record in rivers and lakes to perform geotechnical surveys.



Mariners are requested to use caution around survey equipment.

Chart 12324

### **NJ - OFFSHORE VICINITY OF GREAT HARBOR AND GREAT EGG HARBOR WIND FARM SURVEY ACTIVITY**

Ocean Wind 01 and Ocean Wind 02 are offshore wind farms planned for federal waters off the coast of New Jersey. The Ocean Wind wind farms will consist of wind turbines, offshore substations, and a subsea transmission system to shore. Marine survey activities are currently ongoing and will continue through approximately the end of **July 2022**. Mariners transiting or fishing in the survey area are requested to provide a wide berth to survey vessels, as these survey vessels will be limited in their ability to maneuver, and may deploy various equipment while actively surveying. For more information, see the twice-weekly Skipjack Wind Farm Mariners Briefing at [Offshore Wind Farm Information for Mariners | Ørsted \(orsted.com\)](https://www.orsted.com/offshore-wind-farm-information-for-mariners) (click on "Mid-Atlantic"), or contact Edward LeBlanc, Orsted Head of Marine Affairs at 978-447-2737.

See Figure 5-1 (Page 2 of ENC 5)

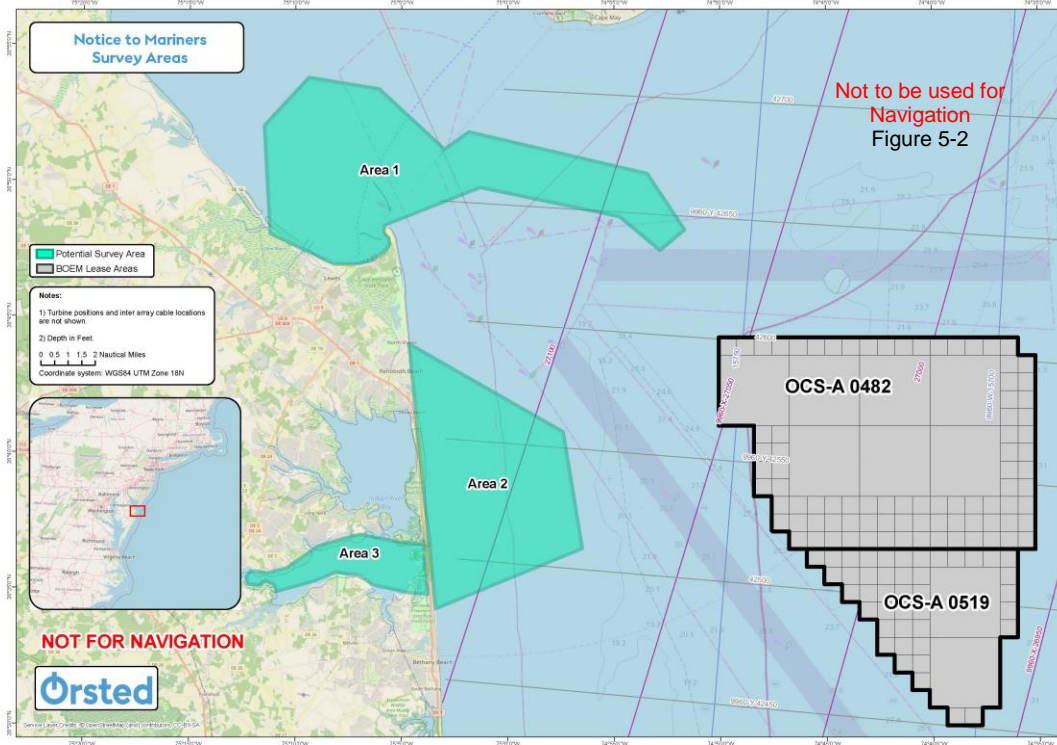
Charts 12318, 12214



**DE - MD- OFFSHORE VICINITY OF ENTRANCE TO DELAWARE BAY- SKIPJACK WIND FARM SURVEY ACTIVITY**

The Skipjack Wind Farm is an offshore wind farm planned for federal waters off the coast of Delaware and Maryland. The Skipjack Wind Farm will consist of wind turbines, an offshore substation, and a subsea transmission system to shore. Marine survey activities are currently ongoing and will continue through approximately the end of **May 2022**. Mariners transiting or fishing in the survey area are requested to provide a wide berth to survey vessels, as these survey vessels will be limited in their ability to maneuver, and may deploy various equipment while actively surveying. For more information, see the twice-weekly Skipjack Wind Farm Mariners Briefing at [Offshore Wind Farm Information for Mariners | Ørsted \(orsted.com\)](https://www.uswindinc.com/mariners/) (click on "Mid-Atlantic"), or contact Edward LeBlanc, Orsted Head of Marine Affairs at 978-447-2737

See Figure 5-2  
Chart 12214.



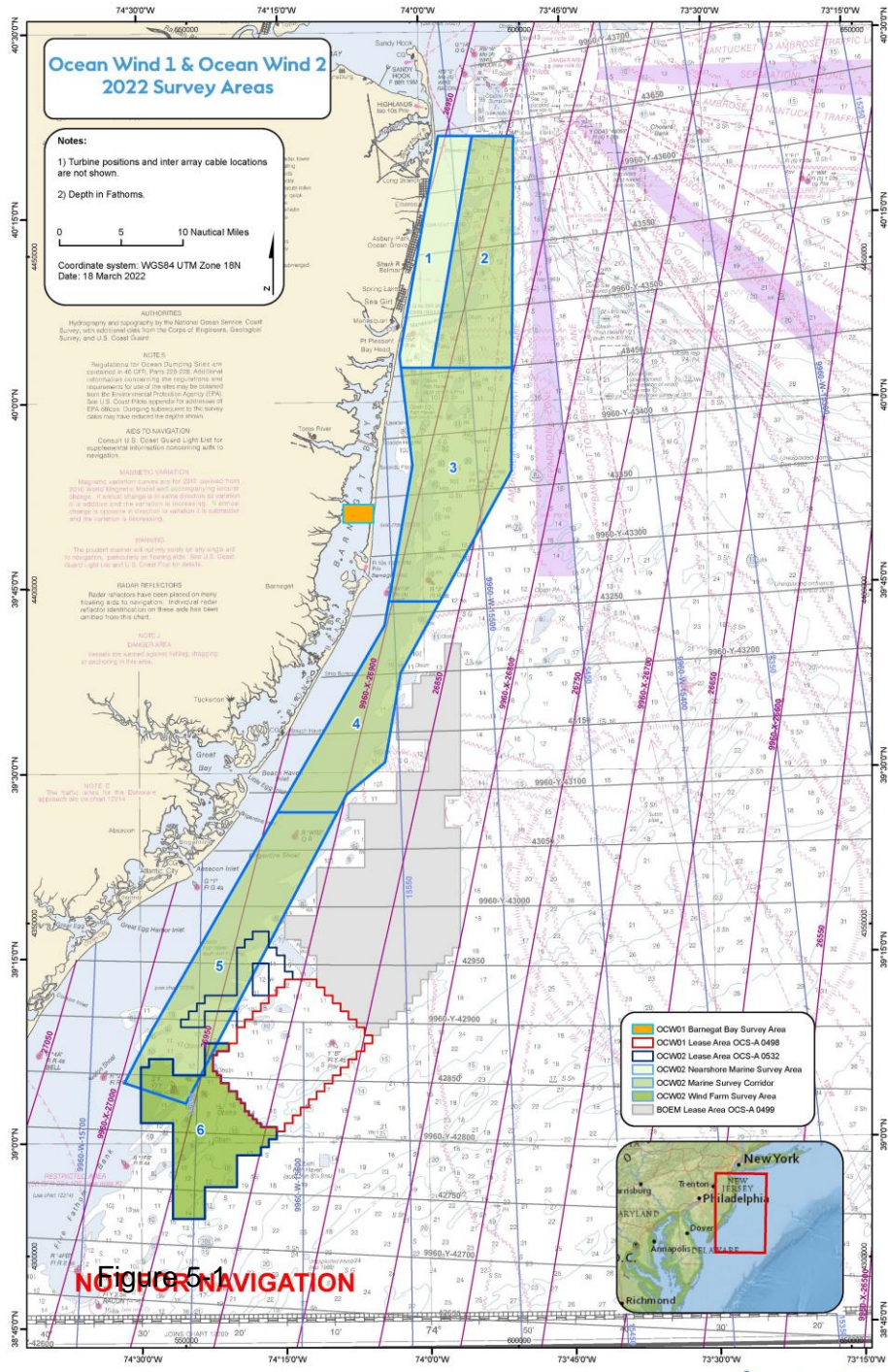
**DE - INDIAN RIVER - MARINE SURVEYING OPERATIONS**

The Research Vessels **YETI**, **ALMAR**, and **WAM-V** will conduct geophysical survey operations in Indian River Bay, Delaware, during daylight hours only, from **May 9, 2022** to **June 20, 2022**. The vessels may tow survey equipment up to 100 feet behind the vessels. Mariners are advised to use caution when transiting near the survey vessels and are requested to give a wide berth and slow bell. The vessel captains will monitor channels 13 and 16 VHF-FM for passing arrangements. The survey area is bounded by the following approximate positions:

- 38°36'14.5"N 75°06'21.0"W
- 38°35'41.7"N 75°03'58.1"W
- 38°34'07.5"N 75°11'34.3"W
- 38°35'28.1"N 75°14'29.2"W

Further information can be found on the US Wind website: <https://uswindinc.com/mariners/>.

Chart: 12216





# CVOW MARINER UPDATE: 14-JUNE-2022



## Unexploded Ordnance (UXO) Survey Work Begins July 2022

Dominion Energy will be initiating a UXO Survey within the export cable corridor and the Coastal Virginia Offshore Wind (CVOW) lease area beginning in July 2022. The vessels to be deployed and the areas to be surveyed are identified below. We remain committed to maintaining communications with fishing communities and other mariners in the area via these periodic updates, dock visits, informational speaking engagements and the additional information posted on the [CVOW Website](#). Mariners are also encouraged to contact Dominion Energy's Fisheries Liaisons with any specific questions about the projects in relation to fisheries.

***Mariners transiting or fishing in the survey area are requested to give a wide berth to survey vessels which may be limited in their ability to maneuver and towing gear up to 1,000' behind the vessel. Mariners should operate in a manner that will not endanger the vessel or its equipment, a 0.5 NM clearance is requested.***

### Henry Hudson:

- Daylight only operations in Zone A beginning 01-AUG-2022
- Call Sign: WDG4894
- MMSI: 367541190
- IMO: -
- Flag: USA
- LOA: 45 ft
- Beam: 15 ft



### Minerva Uno:

- 24/7 operations in Zone B & Zone C beginning 07-JUL-2022
- Call Sign: IZVM
- MMSI: 247080700
- IMO: 9262077
- Flag: Marshall Islands
- LOA: 155 ft
- Beam: 30 ft



### Shearwater:

- 24/7 operations in Zone B & Zone C beginning 21-JUL-2022
- Call Sign: WDF5838
- MMSI: 368528000
- IMO: 8993966
- Flag: USA
- LOA: 110 ft
- Beam: 39 ft



## Existing Offshore Turbines and Oceanographic Buoys

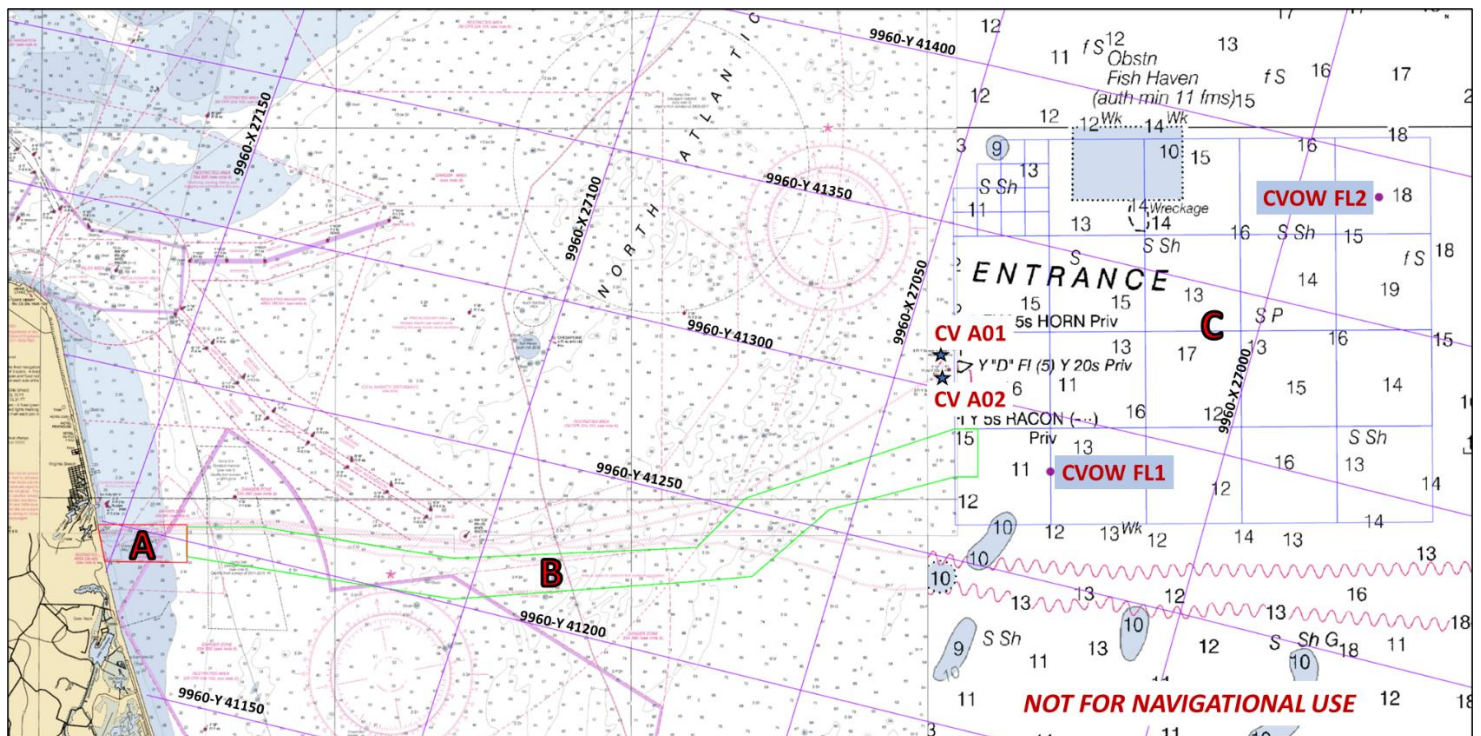
The two (2) turbines making up the CVOW Pilot Project (CVOW-P) have been operational in federal waters since January 2021, providing enough clean, renewable energy to power up to 3,000 Virginia. The CVOW-P turbines are displayed on the updated NOAA Nautical Charts (Chart #s 12200 and 12221); the GPS positions of the turbines are given below. Fishermen are allowed to fish close to the turbines but coming into contact with them is prohibited. Mariners are also advised to be mindful of maintenance vessels that may need to access the turbines, we request that you make way for them so that they can safely access their work site.

There are two (2) oceanographic buoys deployed within the CVOW lease area. Near real-time oceanographic conditions from these buoys can be accessed on the buoy vendor's website: <http://rt.eolosconnect.com/>.

| Item                         | Latitude (DD MM.mmm) | Longitude (DD MM.mmm) |
|------------------------------|----------------------|-----------------------|
| Pilot Turbine CV-A01         | 36° 53.778' N        | 75° 29.498' W         |
| Pilot Turbine CV-A02         | 36° 53.210' N        | 75° 29.495' W         |
| Meteorological Buoy CVOW-FL1 | 36° 50.737' N        | 75° 25.845' W         |
| Meteorological Buoy CVOW-FL2 | 36° 58.122' N        | 75° 14.695' W         |

Please consult the [USCG 5th District Local Notice to Mariners](#) for additional information on offshore activity.

**Chart reflects planned UXO Survey Areas (A, B & C), CVOW Pilot Turbines (CV-A01 & CV-A02) and Oceanographic Buoys (CVOW FL1 & CVOW FL2)**



## Contact Us

### Sea Risk Solutions, LLC

Ron Larsen (Fisheries Liaison Officer)  
(570) 242-5023, [ronlarsen@searisksolutions.com](mailto:ronlarsen@searisksolutions.com)

Wolfgang Rain (Fisheries Liaison Officer)  
(206) 427-6553, [wrain@searisksolutions.com](mailto:wrain@searisksolutions.com)

### Dominion Energy

Jerry Barnes (Manager, Marine Affairs)  
[jerry.r.barnes@searisksolutions.com](mailto:jerry.r.barnes@searisksolutions.com)

Scott Lawton (Environmental)  
[scott.lawton@dominionenergy.com](mailto:scott.lawton@dominionenergy.com)

Additional project information is available on the Coastal Virginia Offshore Wind project web page ([www.coastalvawind.com](http://www.coastalvawind.com))

**RIGHT WHALE SLOW ZONE**  
**ENCLOSURE (6)**

**No current Dynamic Management Areas are in effect for Right Whales.**





## RESEARCH EQUIPMENT IN WATER

North Atlantic – Gulf Stream  
May 11th, 2022 to October 30th, 2022

SAILDRONE, INC. will operate four Unmanned Surface Vehicles called SAILDRONES, to study the Gulf Stream and its interactions with the atmosphere. Two vehicles have already been deployed from Newport, RI, and two more vehicles will be deployed from Oregon Inlet, NC and transit out to the continental shelf between **May 11th - 20th 2022**. They will operate continuously for the following six months.

More information on the project can be found online at:  
<https://www.saildrone.com/news/google-org-funds-gulf-stream-heat-carbon-mission>

**VESSELS ARE REQUESTED TO TRANSIT THE AREA WITH CAUTION, AND REMAIN GREATER THAN 500 METERS AWAY FROM THE RESEARCH EQUIPMENT.**

SAILDRONES are wind powered Unmanned Surface Vehicles that carry important oceanographic and fisheries acoustics research instrumentation and are controlled from shore through satellite communications.

- **Color: Orange**
- **Light: white all-round light**
- **Radar Reflector: Yes**
- **Notation: "Saildrone"**
- **Length: 23 ft & Width: 2 ft**
- **Height: 16 ft above water line**
- **Draft: 6 ft, Avg. speed: 3 kts**
- **GPS / AIS: Yes**



### SAILDRONE MISSION CONTROL

(510) 722-6070

[missioncontrol@saildrone.com](mailto:missioncontrol@saildrone.com)

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[p.browne@ecmwf.int](mailto:p.browne@ecmwf.int)

# NOTMAR ROCKET LAUNCH

## ROCK-ON 2022

May 23, 2022

Notice to Mariners: Wallops Rocket Launch

What: **ROCK-ON 2022**

When: 06/23/2022 5:15:00 AM - 06/23/2021 12:45:00 AM  
b/u 06/24/2022 5:15:00 AM - 06/24/2021 12:45:00 AM



Communications: "Wallops Plot" on Marine Channel 12.  
Marine Channel 22 is back up.  
Contact Wallops Plot when traveling in the area  
Land Line (757) 824- 1685  
"Mission updates and completion will be noted on the

# NOTMAR ROCKET LAUNCH

## ROCK-ON 2022

Wallops Launch Status Line at 757-824-2050.

To receive NASA Mariner Notices by email, contact [keith.a.koehler@nasa.gov](mailto:keith.a.koehler@nasa.gov)

| PSAA 1          |            |                          |      |           |      |
|-----------------|------------|--------------------------|------|-----------|------|
| Decimal Degrees |            | Degrees -Decimal Minutes |      |           |      |
| Latitude        | Longitude  | Latitude                 |      | Longitude |      |
| 37.4300 N       | -74.2700 W | 37                       | 26 N | -74       | 16 W |
| 37.2300 N       | -74.5600 W | 37                       | 14 N | -74       | 34 W |
| 37.2300 N       | -74.9300 W | 37                       | 14 N | -74       | 56 W |
| 37.4250 N       | -75.2350 W | 37                       | 25 N | -75       | 14 W |
| 37.7400 N       | -75.2950 W | 37                       | 44 N | -75       | 18 W |
| 37.7850 N       | -75.4368 W | 37                       | 47 N | -75       | 26 W |
| 37.8275 N       | -75.4925 W | 37                       | 50 N | -75       | 30 W |
| 37.8550 N       | -75.4625 W | 37                       | 51 N | -75       | 28 W |
| 37.8575 N       | -75.4000 W | 37                       | 51 N | -75       | 24 W |
| 37.8125 N       | -75.2600 W | 37                       | 49 N | -75       | 16 W |
| 37.9900 N       | -74.9600 W | 37                       | 59 N | -74       | 58 W |
| 37.9800 N       | -74.5600 W | 37                       | 59 N | -74       | 34 W |
| 37.7500 N       | -74.2750 W | 37                       | 45 N | -74       | 17 W |
| 37.4300 N       | -74.2700 W | 37                       | 26 N | -74       | 16 W |





## OCEAN RESEARCH EQUIPMENT IN WATER

Southeast U.S. Coast  
July 5th to December 15th, 2022

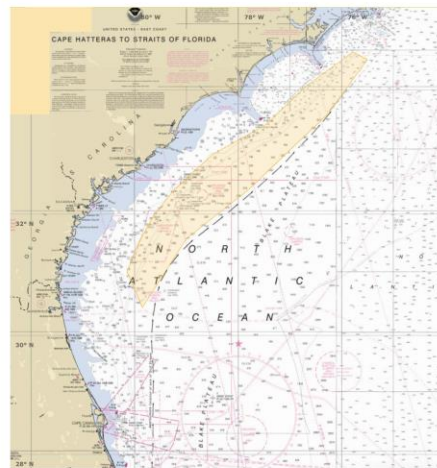
SAILDRONE, INC. will operate two Uncrewed Surface Vehicles called “saildrones” to study ocean-atmosphere conditions, potentially within tropical cyclones, in the waters between Jacksonville, FL and Morehead City, NC. They will be launched from Jacksonville, Florida and sail northbound approximately **July 5th-9th, 2022**.

Further historical information on this multi-year research project can be found online at:  
<https://www.pmel.noaa.gov/saildrone-hurricane2021/>

**VESSELS ARE REQUESTED TO TRANSIT THE AREA WITH CAUTION, AND REMAIN GREATER THAN 500 METERS AWAY FROM THE RESEARCH EQUIPMENT.**

Saildrones are wind powered Uncrewed Surface Vehicles that carry important oceanographic and fisheries acoustics research instrumentation and are controlled from shore through satellite communications.

- **Color: Orange**
- **Light: white all-round light**
- **Radar Reflector: Yes**
- **Notation: “Saildrone”**
- **Length: 23 ft & Width: 2 ft**
- **Height: 9.5 ft above water line**
- **Draft: 6 ft, Avg. speed: 1.5 kts**
- **GPS / AIS / Cameras: Yes**



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