



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 32/24

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, (571) 613-1472 and CGD5Waterways@uscg.mil

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

AIDS TO NAVIGATION DISCREPANCY REPORTING

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

1. For PA, NJ, DE waters, coastal and tributaries contact COGARD SECTOR DELAWARE BAY at (215) 271-4940.
2. For MD, DE in the Upper Chesapeake Bay and tributaries contact COGARD SECTOR MARYLAND - NATIONAL CAPITAL REGION at (410) 576-2525.
3. For VA in Lower Chesapeake Bay below Smith Point Light and tributaries and VA, MD Eastern Shore Bay and coastal contact COGARD SECTOR 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, 2023 Edition.
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2024 (57th) Edition.
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2024 (56th) Edition.

NAVIGATION INTERNET SITES

2024 Light List/ Weekly Updates.
<https://www.navcen.uscg.gov/weekly-light-lists>

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

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/archives>

Chesapeake Bay NOAA Weather Buoys
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
UXO - Unexploded Ordnances
WTG - Wind Turbine Generator

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

******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.

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

For Private Aids to Navigation (AtoN) applicants requesting Coast Guard permits to provide navigational markings on offshore wind farm structures in Fifth District-area 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(s), light(s), sound signals and AIS signals). Private AtoN Permit applications should be submitted no sooner than 60 days and no later than 365 days prior to the need to activate a structure's final markings. Additional specific recommendations include:

Tower/Electrical Service Platform (ESP) Identification:

- Uniquely lettered and numbered in an organized pattern as near to rows and columns as possible
- (Tower) Letters and numbers, visible at night, labelled to as near to 3 meters high as possible, rendered through use of retro-reflective or high contrast black, comparable to MilSpec #17038 or RAL 9005, to maximize visual range for nearby mariners, is strongly recommended
- (ESP) Letters and numbers labelled to 1 meter high to visual range for nearby mariners.
- Visible above any servicing platforms
- Visible throughout a 360-degree arc from the water's surface
- If feasible, also labelled below the servicing platform

- (Tower) All-around band, retro-reflective material (white, yellow or silver) is strongly recommended, visible through a 360 degree arc, at least 2 foot bands around the structure no less than 30 ft above MHHW.
- (Tower) Foundation base of all turbines should be painted yellow, comparable to MilSpec #23655 or RAL 1023, all around from Mean Higher High Water (MHHW) to 50 ft above MHHW

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. The QY flashing lights are outlined within the lighting plan during the PATON Permit process.

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
- Mariner Radio Activated Sound Signal (MRASS) activated by keying VHF Radio frequency 83A five times within ten seconds activating the sound signal for 45 minutes is preferred. If a MRASS is not used, the sound signal should operate when the visibility in any direction is less than 5NM.

LNM: 45/23

NC – VA – MD – DE – NJ - ATLANTIC OCEAN - OFFSHORE STRUCTURE PATON MARKING GUIDANCE (CONTINUED)

Automated Information System (AIS) Transponder Signals:

- Each Significant Peripheral Structure (SPS), and Intermediate Peripheral Structure (IPS) adjacent to a fairway or used to identify a designated vessel transit route through the farm or closely adjacent farms, shall be identified by a properly encoded AIS message 21.
- These broadcasts shall be made autonomously and continuously, at least every 6 minutes, alternating on AIS channel 1 and 2.
- At sufficient power to provide a relatively uniform coverage recommended to extend at least 8NM beyond the periphery of the wind farm to allow sufficient time for ship operations to detect and make necessary course or speed alterations.
- IPS, or other IFS within the farm, may be additionally marked with physical or synthetic AIS Message 21 if circumstances warrant; but not such to overload the VHF data link in or near congested waters. Such circumstances may include but are not limited to when there is a distance of greater than 12NM between SPS, or the need to temporarily mark an IFS of navigational concern due to some other factors (discrepant light signal).
- 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: D05-SMB-CGD5Waterways@uscg.mil

Please forward questions or feedback in an e-mail Matthew.K.Creelman2@uscg.mil or Ryan.P.Doody2@uscg.mil.

Charts: 12200 12221

LNM: 46/23

NEW MERCHANT MARINER CREDENTIALS – MARINE SAFETY INFORMATION BULLETIN (MSIB) 01-24

The U.S. Coast Guard announced a new merchant mariner credential (MMC) set to launch on March 1, 2024. This milestone marks the first comprehensive revision of the mariner credential in nearly a decade and is strategically designed to enhance both quality of service and security within the Marine Transportation System (MTS). U.S. Coast Guard Marine Safety Information Bulletin (MSIB) 01-24, New Merchant Mariner Credential Passport Booklet Replacement, has been posted on the DCO's MSIB Site and announced at the National Maritime Center (CG-NMC) Home Page (uscg.mil). Please visit these resources for more information on the credential.

LNM: 10/24

REPORTED UNEXPLODED ORDNANCES (UXO)

The Coast Guard advertises reported unexploded ordnances (UXO) information through local, Sector Broadcast Notice to Mariners (BNMs) and through the weekly, Fifth Coast Guard District LNM. BNMs are additionally available directly to mariners by email sign-up at the CG Navigation Center Web Site [Subscribe to Our RSS Feeds | Navigation Center \(uscg.gov\)](https://www.denix.osd.mil/uxo/). Information on proper reporting and safety procedures for UXOs can be found at the following link: <https://www.denix.osd.mil/uxo/>.

For a list of recently reported UXOs, see ENC 7.

LNM: 34/23

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®ion=5>

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

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

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.

SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS

The U.S. Coast Guard has become aware that the Range and Sector Light Characteristic labels are not displayed on Electronic Navigational Charts (ENCs) when used in an Electronic Chart Display and Information System (ECDIS) due to limitations of the S-52 ECDIS display specification. Mariners may query the ENC data directly within ECDIS or refer to the Light List for complete information on Range and Sector Light Characteristics.

LNM: 39/22

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 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." Canceled charts do not meet USCG carriage requirements. 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

The following Broadcast Notices to Mariners (BMNs) were in effect at the date of this publication.
 CCGD5 (D5) – 0385, 0395, 0396, 0397, 0398, 0401, 0402, 0404, 0405, 0407, 0411, 0412, 0413-24.
 Sector Delaware Bay (DB) – 0110, 0112, 0113, 0114, 0116, 0117, 0118-24.
 Sector Maryland – National Capital Region (MD) - 0021, 0150-23; 064, 0118, 0119, 0120, 0121, 0122, 0127, 0128, 0129, 0130-24.
 Sector Virginia (VA) – None.
 Sector North Carolina (NC) - 0368-21, 0303, 0309, 0311, 0313, 0314, 0315, 0317, 0318, 0320, 0321-24.

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
570	Navy Air Combat Maneuvering Range Tower Light A	LT EXT	12200	413NC	32/16	
580	Navy Air Combat Maneuvering Range Tower Light C	LT EXT	12200	400NC	41/22	
585	Navy Air Combat Maneuvering Range Tower Light G	LT EXT	12200	0110NC	27/12	
615	Oregon Inlet Jetty Light	LT EXT/DAYMK MISSING		166NC	19/21	
640	Diamond Shoals Lighted Buoy 12	OFF STA	12200	0252NC	04/24	
942	Barnegat Inlet North Breakwater Light 6	DAYMK DMGD		0117DB	32/24	

950	Barnegat Inlet Lighted Buoy 9	MISSING	0102DB	18/24
955	Barnegat Inlet Lighted Buoy 11	OFF STA	0190DB	45/23
1000	Barnegat Inlet Buoy 21	OFF STA	0038DB	15/24
1075	Oyster Creek Channel Buoy 36	OFF STA	0116DB	32/24
1105	Little Egg Inlet Lighted Buoy 2	MISSING	0051DB	10/23
1131	Little Egg Inlet Lighted Buoy 10	OFF STA		30/24
1285	Great Egg Harbor Inlet Lighted Buoy 5	SINKING	0096DB	27/24
1291	Great Egg Harbor Inlet Buoy 9	OFF STA	0048DB	37/23
1300	Longport Channel Buoy 2	OFF STA	0032DB	13/24
1318	Longport Channel Buoy 8	MISSING	0032DB	13/24
1485	Delaware Bay Approach Lighted Whistle Buoy CH	RAC INOP	0053DB	20/24
1535	Brown Shoal Light	LT EXT/RAC INOP	102DB	23/21
1600	Elbow of Cross Ledge Light	LT EXT	341DB	26/22
1705	Maurice River Buoy 2	OFF STA	0110DB	31/24
1955	Fortescue Entrance Lighted Buoy 2F	OFF STA	0055DB	03/23
2195	Tanker Anchorage Buoy D	OFF STA	0112DB	31/24
2370	Port Mahon Approach Buoy 6	MISSING	0029DB	12/24
2472	Delaware Bay Main Channel Lighted Buoy 49	LT EXT	0097DB	27/24
2510	Baker Range Rear Light	LT EXT / NEST	0098DB	28/24
2580	Reedy Island Range Front Light	LT EXT	0085DB	29/19
2585	Reedy Island Range Rear Light	LT EXT	0082DB	20/24
2735	New Castle Range Rear Light	LT EXT	103DB	20/22
2745	Chesapeake and Delaware Canal Junction Lighted Buoy CD	LT EXT	0074DB	23/24
2745	Chesapeake and Delaware Canal Junction Lighted Buoy CD	OFF STA	0050DB	20/24
3080	Bellevue Range Front Light	LT EXT/REDUCED INT	0099DB	26/24
3310	Delaware River Buoy 57	LT IMCH		32/24
3745	Torresdale Lower Range Rear Light	LT EXT	0067DB	16/24
4050	Landreth Range Rear Light	LT EXT	0069DB	22/24
4150	Kinkora Upper Range Rear Light	LT EXT	0068DB	22/24
6485	Virginia Inside Passage Lighted Wreck Buoy WR244	STRUCT DEST/TRLB	12221 0053VA	15/23
6585	Virginia Inside Passage Daybeacon 266	STRUCT DEST/HAZ NAV/TRLB	12222 0195VA	39/23
6605	Wachapreague Inlet Buoy 1	MISSING	084VA	42/21
6610	Wachapreague Inlet Buoy 2	OFF STA	085VA	21/22
6615	Wachapreague Inlet Buoy 3	OFF STA	086VA	21/22
6795	North Inlet Warning Daybeacon A	STRUCT DEST/INACCESSIBLE	072VA	19/22
6805	Great Machipongo Inlet Buoy 2	OFF STA	12221 NONEDB	10/23
6810	Great Machipongo Inlet Buoy 3	MISSING	12221 NONEVA	21/21
6815	Great Machipongo Inlet Lighted Buoy 4	MISSING	12221 135VA	30/22
7555	Chesapeake Channel Lighted Buoy 72	LT EXT	12280 0129MD	32/24
8693	Pooles Island Light	LT EXT	12280 110MD	24/21
8925	Elk River Channel Lighted Buoy 1ER	SINKING	12280 0130MD	32/24
8945	Elk River Channel Lighted Buoy 3	SINKING	12280 0092MD	24/24
9370	Norfolk Entrance Reach Range Front Warning Light	LT EXT	12222 184VA	35/21
9375	Norfolk Entrance Reach Range Rear Warning Light	LT EXT	12222 185VA	35/21
9540	Elizabeth River Lighted Buoy 14	MISSING	12222 0118VA	29/24

10580	Willoughby Bay Channel Light 2	STRUCT DEST/TRUB	12222	0091VA	13/24
10655	Naval Boat Channel Light 10	LT EXT		015VA	02/22
10843	Golf 2 Anchorage Lighted Mooring Buoy A	OFF STA	12222	041VA	09/22
11115	Nansemond River Channel Daybeacon 23	STRUCT DEST/TRLB		0204VA	40/23
11610	Burwell Bay Daybeacon 3	STRUCT DEST		0200VA	40/23
11640	Burwell Bay Daybeacon 10	DAYMK MISSING		0071VA	18/24
11875	Hog Island Cutoff Daybeacon 2	STRUCT DEST/TRLB		0169VA	36/23
12145	Chickahominy River Channel Buoy 8	MISSING		0100VA	25/24
12595	Appomattox River Channel Daybeacon 17	STRUCT DEST/TRLB		090VA	23/23
12660	James River Channel Lighted Buoy 138	LT EXT		0082VA	24/24
12795	James River Channel Light 168	STRUCT DEST/TRLB		239VA	51/19
12915	Back River Channel Daybeacon 2	STRUCT DEST/DAYMK MISSING/TRLB	12222	0103VA	24/24
13496	York River East Range Front Light	STRUCT DEST/LT EXT/TRLB	12221	0077VA	40/21
14110	York Spit Swash Channel Light 3	STRUCT DEST/HAZ NAV/TRLB	12221	0271VA	50/23
14450	Horn Harbor Warning Daybeacon A	STRUCT DEST/DAYMK MISSING/TRLB	12221	0217VA	11/21
14975	Broad Creek Channel Daybeacon 4	STRUCT DEST/TRUB		0288VA	01/24
15055	Rappahannock River Entrance Light 7R	STRUCT DEST/TRLB		0044VA	12/24
15135	Carter Creek Daybeacon 4	STRUCT DEST/TRUB		0043VA	12/24
15675	Rappahannock River Daybeacon 47	STRUCT DEST/TRUB		0041VA	12/24
16085	Indian Creek Light 6	LT EXT/NEST		0096VA	25/24
17305	Cobb Island Daybeacon 4	STRUCT DEST/TRUB		0167MD	33/23
19240	Patuxent River Light 24	STRUCT DEST/TRLB			30/24
19745	Horn Point Light HP	DAYMK MISSING		0060MD	18/24
19780	Triton Light	LT EXT		312MD	36/22
21450	Cape Charles City Light 1CC	STRUCT DEST/TRLB	12221	0108VA	23/24
21480	Cape Charles City Light 6	DAYMK MISSING	12221	0048VA	13/24
21667	Nassawadox Creek Warning Daybeacon J	STRUCT DEST/TRUB		005VA	02/20
21800	Nandua Creek Channel Warning Daybeacon G	DAYMK MISSING / INACCESSIBLE		0229VA	44/23
23800	Webster Cove Channel Daybeacon 3	STRUCT DEST/TRLB		064MD	19/21
23980	Nanticoke River Channel Light 6	STRUCT DMGD		097MD	11/22
24055	Bivalve Channel Daybeacon 3	STRUCT DEST/TRLB		228MD	26/22
24480	Muddy Hook Cove Channel Daybeacon 2	STRUCT DEST/TRLB		233MD	49/23
24515	Middle Island Bridge West Channel Wreck Daybeacon WR1W	STRUCT DEST/TRUB		0037MD	04/18
24601	Tar Bay Warning Daybeacon F	STRUCT DEST		383MD	51/19
26015	Claiborne Channel Light 1CC	DAYMK MISSING		0076MD	20/24
26440	Kent Island Narrows North Approach Light 8	DAYMK DMGD/STRUCT DMGD		0041MD	09/24
26705	Chester River Channel Buoy 16	LT EXT		0113MD	29/24
26790	Chester River Channel Light 34	DAYMK MISSING		0148MD	23/23
27440	Sassafras River Light 3A	DAYMK MISSING/NEST OBSTRUCTING LT		0091MD	24/24
27990	Oregon Inlet Lighted Buoy 4	LT IMCH		0321NC	32/24
27995	Oregon Inlet Jetty Light	LT EXT/DAYMK MISSING		166NC	19/21
28141	Oregon Inlet Channel Light 41	LT EXT/NEST		0290NC	29/24
28255	Old House Channel Daybeacon 7	STRUCT DEST/TRUB		0303NC	28/23
28270	Old House Channel Daybeacon 10	STRUCT DEST/TRUB		0185NC	16/24
28295	Old House Channel Light 15	STRUCT DEST/TRLB		0369NC	35/23

28305	Walter Slough Daybeacon 2	STRUCT DEST/TRUB	0309NC	31/24
28310	Walter Slough Light 3	STRUCT DEST/TRLB	0416NC	37/23
28460	Wanchese Channel Daybeacon 5	STRUCT DEST/TRUB	495NC	50/22
28475	Roanoke Sound Channel Light 19	LT EXT	0276NC	26/24
28505	Roanoke Sound Channel Daybeacon 25	STRUCT DEST/TRUB	0200NC	22/23
28600	Roanoke Sound Channel Daybeacon 37	STRUCT DEST/TRUB	0274NC	26/23
28680	Hatteras Connector Lighted Buoy 1	MISSING	0289NC	28/24
28722.3	Barney Slough Channel Lighted Buoy 6A	OFF STA	0314NC	31/24
28770	Hatteras Inlet Channel Light 21	STRUCT DEST/TRUB	0356NC	33/23
28830	Rollinson Channel Light 34	STRUCT DEST/TRLB	0287-1NC	28/24
28900	Ocracoke Inlet Lighted Buoy 1	MISSING / Temp V-AIS: MMSI 993672514	142NC	18/22
28905	Ocracoke Inlet Lighted Buoy 2	MISSING/ Temp V-AIS: MMSI 993672471	0117NC	18/22
28910	Ocracoke Inlet Lighted Buoy 3	MISSING	279NC	31/22
28915	Ocracoke Inlet Lighted Buoy 4	MISSING	510NC	51/22
28927	Ocracoke Inlet Buoy 8	MSLD SIG	0383D5	30/24
28967	Teaches Hole Lighted Buoy 18	MISSING	0238NC	21/24
28995	Silver Lake Entrance Daybeacon 4	STRUCT DEST/TRUB	454NC	43/22
29020	Silver Lake Entrance Light 9	STRUCT DEST	0477NC	47/23
29055	Big Foot Slough Channel Light 9	STRUCT DEST/TRLB	0184NC	15/24
29056	Big Foot Slough Channel Light 9A	STRUCT DEST/TRUB	0093NC	48/22
29077	Big Foot Slough Channel Daybeacon 12	STRUCT DEST	0094NC	03/23
29303	Morehead City Channel Range Rear Light	LT EXT	0272NC	25/24
29310	Beaufort Inlet Channel Lighted Buoy 14	LT IMCH		31/24
29364	Harkers Island Straits Light 3	DAYMK DMGD	0284NC	27/24
29378	Harkers Island Straits Daybeacon 11	STRUCT DEST/TRUB	0295-1NC	29/24
29430	Fort Macon Creek Warning Light	STRUCT DEST/TRLB	0441NC	40/23
29495	Bogue Inlet Lighted Buoy 1	MISSING	0287NC	26/24
29590	Emerald Isle Cut Lighted Buoy 2	LT EXT	0300NC	30/24
29735	New River Channel Wreck Light WR12	STRUCT DEST/TRLB	494NC	31/20
29740	New River Channel Light 13	STRUCT DEST/TRLB	078NC	11/19
29745	New River Channel Daybeacon 15	STRUCT DEST/TRUB	0144NC	19/23
29800	New River Channel Daybeacon 21	STRUCT DEST	0288-1NC	28/24
29995	New Topsail Inlet Buoy 3	MSLD SIG	0297NC	30/24
30048	Banks Slough Channel Buoy 2BS	MISSING	0261-1NC	24/24
30070	Banks Channel Daybeacon 5	STRUCT DEST/TRUB	0457NC	41/23
30215	Wrightsville Channel Daybeacon 13	STRUCT DEST/TRUB	0304NC	28/23
30255	Wrightsville Channel Daybeacon 25	STRUCT DEST/HAZ NAV/TRLB	0199NC	22/23
30420	Oak Island Channel Light 2	STRUCT DEST/TRLB	274NC	29/22
30430	Oak Island Channel Daybeacon 5	STRUCT DEST/TRUB	0322NC	30/23
30455	Southport Light 1	STRUCT DEST/TRLB	0317NC	32/24
30640	Lower Midnight Channel North Range Front Light	STRUCT DEST/REDUCED INT/TRLT	0291NC	17/23
30669	Upper Midnight Channel South Range Rear Light	LT EXT	0327NC	32/24
30914	Upper Midnight Channel South Range Rear Light	LT EXT	0327NC	32/24
30950	Cape Fear River Turning Basin Light B	STRUCT DEST/TRLB	024NC	16/20
30980	Northeast Cape Fear River Light 2	STRUCT DEST/TRUB	0442NC	40/23
30985	Northeast Cape Fear River Light 4	STRUCT DEST/TRLB	098NC	11/21
30990	Northeast Cape Fear River Light 6	STRUCT DEST/TRLB	097NC	11/21

31040	Lockwoods Folly Inlet Buoy 8	MSLD SIG	0207NC	17/24
31241.2	Currituck Sound Research Platform C	LT EXT/STRUCT DMGD	0126NC	05/18
31360	Durant Island Daybeacon 1D	STRUCT DMGD	390NC	39/21
31375	Durant Island Daybeacon 3D	STRUCT DEST	0501NC	47/23
31390	Pasquotank River Entrance Light PR	LT EXT	0271NC	25/23
31485	Albemarle Sound Light 1AS	STRUCT DEST/TRLB	0051NC	07/23
31665	Kendrick Creek Channel Daybeacon 2	STRUCT DEST/TRUB	0455NC	41/23
31755	Edenton Bay Daybeacon 6	DAYMK MISSING	0137NC	44/23
31835	Chowan River Light 16	STRUCT DEST/TRLB	0223NC	25/23
32085	Stumpy Point Target Warning Light W	LT EXT	364NC	38/22
32145	Gull Shoal Light GS	STRUCT DEST/TRLB	090NC	40/18
32155	Wysocking Bay Entrance Light 3	LT EXT	432NC	44/22
32170	Wysocking Bay Light 6	LT EXT	433NC	44/22
32235	Buxton Harbor Daybeacon 14	STRUCT DEST/TRUB	0100NC	40/23
32295	Frisco Approach Light 4	STRUCT DEST/TRLB	507NC	42/19
32305	Frisco Channel Daybeacon 8	STRUCT DEST/HAZ NAV/TRLB	0360NC	34/23
32320	Durant Point Lighted Buoy 2	MISSING	0101NC	35/23
32340	Oliver Reef Light	STRUCT DEST/TRLB	277NC	30/22
32370	Royal Shoal Light 3	DAYMK MISSING	315NC	41/21
32715	Swanquarter Bay Light 10	STRUCT DEST/TRLB	NONENC	25/23
32740	Deep Cove Light 2	STRUCT DEST/TRLB	0215NC	24/23
32765	Germantown Bay Daybeacon 5	STRUCT DEST/TRUB	0212-1NC	18/24
32855	Pungo River Junction Light PR	STRUCT DEST/TRLB	133NC	17/22
32860	Pungo River Wreck Light WR2	STRUCT DEST/TRLB	0365NC	35/23
32895	Pungo River Light 3	STRUCT DEST/TRLB	0201NC	23/23
33015	Pungo River Channel Daybeacon 16	STRUCT DEST/TRLB	0497NC	47/23
33090	Eastham Creek Daybeacon 7	STRUCT DEST/TRUB	0021-1NC	03/24
33145	South Creek Channel Daybeacon 9	DAYMK MISSING	0038NC	04/24
33240	Long Point Ferry Terminal Channel Daybeacon 2	STRUCT DEST/TRUB	0510NC	49/23
33360	Pamlico River Channel Light 17	STRUCT DMGD	0268NC	28/24
33420	Bay River Daybeacon 6	STRUCT DEST/TRUB	0313NC	29/23
33470	Bay River Daybeacon 20	STRUCT DEST/TRUB	282NC	31/22
33665	South River Wreck Daybeacon WR3	STRUCT DEST	0281-2NC	27/24
33665	South River Wreck Daybeacon WR3	STRUCT DEST		30/24
33765	Smith Creek Channel Daybeacon 5	STRUCT DEST/TRUB	NONENC	47/22
34115	Neuse River Channel Daybeacon 50	STRUCT DEST/TRUB	0098NC	08/24
34270	Trent River Daybeacon 6	STRUCT DEST/TRUB	0030NC	04/23
34290	Trent River Daybeacon 12	STRUCT DEST/TRUB	164NC	18/21
34560	Nelson Bay Light 1	LT EXT	0285NC	27/24
34800	Taylor Creek Channel Daybeacon 9	STRUCT DEST/TRUB	0247NC	22/24
34812	Beaufort Harbor Channel Warning Daybeacon B	DAYMK MISSING	0030NC	03/24
34830	Beaufort Harbor Channel Daybeacon 8	MISSING/TRUB	0183-1NC	16/24
34932	Manasquan Inlet Light 3	SS INOP	12300 0101DB	29/24
34965	Manasquan River Light 9	DAYMK MISSING	0060DB	21/24
34970	Manasquan River Daybeacon 8	STRUCT DEST/TRLB	167DB	32/22
35467	New Jersey Intracoastal Waterway Buoy 116A	OFF STA/TRUB	0089-1DB	26/24
35480	New Jersey Intracoastal Waterway Lighted Buoy 120	OFF STA	0107DB	30/24

35485	New Jersey Intracoastal Waterway Junction Lighted Buoy LEI	MISSING			26/24
36000	New Jersey Intracoastal Waterway Light 260	STRUCT DMGD/TRLB		0033DB	13/24
37045	Pasquotank River Entrance Light PR	LT EXT		0271NC	25/23
37385	Great Bridge to Albemarle Sound Light 40	DAYMK DMGD/NEST		0114VA	28/24
37400	Great Bridge to Albemarle Sound Light 43	STRUCT DEST/TRLB	12207	0116VA	26/24
37490	Great Bridge to Albemarle Sound Daybeacon 76	STRUCT DEST/TRLB	12207	0222NC	19/24
37565	Great Bridge to Albemarle Sound Daybeacon 101	STRUCT DMGD	12207	0274NC	26/24
37595	Great Bridge to Albemarle Sound Warning Daybeacon	STRUCT DEST/TRLB	12207	294NC	37/21
37615	Great Bridge to Albemarle Sound Light 116	DAYMK MISSING/STRUCT DMGD		0135NC	10/24
37635	Great Bridge to Albemarle Sound Daybeacon 122	STRUCT DEST/TRUB	12207	0134NC	10/24
37680	Great Bridge to Albemarle Sound Light 135	DAYMK MISSING		0188NC	20/23
37730	Great Bridge to Albemarle Sound Light 149	DAYMK MISSING		0246NC	22/24
37745	Great Bridge to Albemarle Sound Light 153	LT EXT		0495NC	46/23
37790	Great Bridge to Albemarle Sound Light 165	STRUCT DEST/TRLB		0520NC	50/23
37815	Great Bridge to Albemarle Sound Buoy 171	MISSING		0487NC	45/23
37895	Alligator River Light 26	STRUCT DEST/HAZ NAV/TRLB		0191NC	18/23
37920	Alligator River Daybeacon 35	STRUCT DEST/TRUB		0475NC	44/23
37975	Alligator River Daybeacon 45	STRUCT DEST/TRUB		0499NC	47/23
38005	Alligator River - Pungo River Light 55	STRUCT DEST/TRLB		0144NC	10/24
38075	Pungo River Channel Daybeacon 16	STRUCT DEST/TRLB		0497NC	47/23
38130	Pungo River Light 3	STRUCT DEST/TRLB		0201NC	23/23
38135	Pungo River Wreck Light WR2	STRUCT DEST/TRLB		0365NC	35/23
38140	Pungo River Junction Light PR	STRUCT DEST/TRLB		133NC	17/22
38629	Morehead City Harbor Channel Turning Basin Daybeacon B	STRUCT DEST/TRUB		0257NC	02/23
38770	Bogue Sound Light 4	STRUCT DEST/TRLB		0230NC	20/24
39223	Bogue Sound - New River Buoy 61A	MSLD SIG		0325NC	32/24
39310	Bogue Sound - New River Daybeacon 76	STRUCT DEST/TRUB		0103NCNC	29/23
39370	New River - Cape Fear River Daybeacon 25	STRUCT DEST/TRUB		0244NC	22/24
39460	New River - Cape Fear River Daybeacon 69	STRUCT DEST/TRUB		0097NC	11/23
39465	New River - Cape Fear River Light 71	STRUCT DEST/TRLB		414NC	43/22
39485	New River - Cape Fear River Daybeacon 80	STRUCT DEST/TRUB		0419NC	38/23
39527	New River - Cape Fear River Light 94	STRUCT DEST/TRLB		0208NC	18/24
39545	New River - Cape Fear River Light 98	STRUCT DEST/TRLB		0073NC	10/23
39565	New River - Cape Fear River Daybeacon 105	STRUCT DEST/TRUB		0422NC	23/23
39600	New River - Cape Fear River Light 122	STRUCT DEST/TRLB		0171NC	14/24
39605	New River - Cape Fear River Daybeacon 123	STRUCT DEST/TRUB		0108NC	13/23
39610	New River - Cape Fear River Daybeacon 124	STRUCT DEST/TRUB		0088NC	11/23
39635	New River - Cape Fear River Light 129A	STRUCT DEST/TRLB		0048NC	04/24
39645	New River - Cape Fear River Daybeacon 134	DAYMK MISSING			30/24

39650	New River - Cape Fear River Daybeacon 135	STRUCT DEST/TRUB	0319NC	30/23
39655	New River - Cape Fear River Light 137	STRUCT DEST/TRLB	0177NC	18/23
39660	New River - Cape Fear River Daybeacon 138	STRUCT DEST/TRUB	0463NC	42/23
39700	New River - Cape Fear River Daybeacon 149	STRUCT DEST/TRUB	0125NC	10/24
39705	New River - Cape Fear River Daybeacon 150	STRUCT DEST/TRUB	0210NC	18/24
39720	New River - Cape Fear River Light 153	STRUCT DEST/TRUB		15/24
39750	New River - Cape Fear River Daybeacon 159	STRUCT DEST/TRUB	182NC	45/22
39850	New River - Cape Fear River Daybeacon 165	STRUCT DEST/TRUB	0229-1NC	20/24
39915	Lower Midnight Channel North Range Front Light	STRUCT DEST/REDUCED INT/TRLT	0291NC	17/23
40035	Southport Light 1	STRUCT DEST/TRLB	0317NC	32/24
40055	Cape Fear River - Little River Daybeacon 5	STRUCT DEST/TRLB	0547NC	19/20
40060	Cape Fear River - Little River Light 7	STRUCT DEST/TRLB	477NC	51/20
40065	Cape Fear River - Little River Daybeacon 8	STRUCT DEST/TRUB	0119NC	20/20
40110	Cape Fear River - Little River Daybeacon 28	STRUCT DEST/TRUB	406NC	01/22
40130	Cape Fear River - Little River Daybeacon 36	STRUCT DEST/TRUB	276NC	34/21
40160	Lockwoods Folly River Daybeacon 7	STRUCT DEST/TRUB	0303-1NC	30/24
40195	Cape Fear River - Little River Daybeacon 39	STRUCT DEST/TRUB	0122NC	09/24
40220	Cape Fear River - Little River Daybeacon 46	STRUCT DEST/TRUB	502NC	50/22
40250	Cape Fear River - Little River Light 51	STRUCT DEST/TRLB	0265NC	25/24
40270	Cape Fear River - Little River Daybeacon 57	STRUCT DEST/TRUB	0099NC	07/24
40285	Cape Fear River - Little River Daybeacon 63	STRUCT DEST/TRUB	235NC	27/20
40305	Cape Fear River - Little River Daybeacon 71	STRUCT DEST/TRUB	306NC	27/20
40315	Cape Fear River - Little River Daybeacon 73	STRUCT DEST/TRUB	178NC	20/21
40325	Cape Fear River - Little River Light 77	STRUCT DEST/TRLB	0311-1NC	32/20
40330	Cape Fear River - Little River Light 78	STRUCT DEST/TRLB	217NC	24/20
40335	Cape Fear River - Little River Daybeacon 80	STRUCT DEST/TRUB	0009NC	49/19
40350	Cape Fear River - Little River Light 83	STRUCT DEST/TRLB	511NC	44/22
40360	Cape Fear River - Little River Light 85	STRUCT DEST/TRLB	378NC	40/20
40385	Cape Fear River - Little River Light 93	STRUCT DEST/TRLB	480NC	51/19
40395	Cape Fear River - Little River Daybeacon 97	STRUCT DEST/TRUB	374NC	32/20
40405	Cape Fear River - Little River Daybeacon 99	STRUCT DEST/TRUB	0325NC	14/23
40410	Cape Fear River - Little River Light 101	STRUCT DEST/TRLB	0119NC	14/23
40430	Cape Fear River - Little River Daybeacon 109	STRUCT DEST/TRUB	0343NC	32/23
40435	Cape Fear River - Little River Light 111	STRUCT DEST/TRLB	0245NC	22/24
40440	Cape Fear River - Little River Daybeacon 113	STRUCT DEST/TRUB	217NC	25/22
40445	Cape Fear River - Little River Daybeacon 115	STRUCT DEST/TRUB	0202NC	14/23
40455	Cape Fear River - Little River Light 117	STRUCT DEST/TRLB	407NC	42/20
40460	Cape Fear River - Little River Light 119	STRUCT DEST/TRLB	277NC	34/21

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4758	Ocean City Inlet Lighted Buoy 13	RESET ON STATION		0123MD	31/24	32/24
11165	Nansemond River Channel Daybeacon 40	WATCHING PROPERLY		0119VA	30/24	32/24
14983	Broad Creek Channel Buoy 6A	RESET ON STATION		0131VA	31/24	32/24
27465	Sassafras River Daybeacon 6	WATCHING PROPERLY		0095MD	24/24	32/24
28083	Oregon Inlet Lighted Buoy 26	WATCHING PROPERLY		0326NC	32/24	32/24
28085	Oregon Inlet Channel Lighted Buoy 27	RESET ON STATION		0319NC	32/24	32/24
28480	Roanoke Sound Channel Daybeacon 21	WATCHING PROPERLY		NONENC	32/24	32/24
28495	Roanoke Sound Channel Daybeacon 24A	WATCHING PROPERLY		0320NC	32/24	32/24
33835	Neuse River Channel Light 9	REBUILT/RECOVERED		0508NC	51/22	32/24
36575	New Jersey Intracoastal Waterway Light 436	RESET ON STATION		0115DB	32/24	32/24
38415	Core Creek Daybeacon 25	REBUILT/RECOVERED		0296NC	30/24	32/24

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3305	Thompson Point Intake Light	Status Unreported			31/24	
3570	South Jersey Dock Light A	LT EXT		NONEPA	26/24	
3575	South Jersey Light B	LT EXT		NONAPA	26/24	
4875	Thorofare Channel Buoy 3	MISSING		0175MD	34/23	
7840	Bay Bridge Marina Light 1	LT IMCH		0119MD	30/24	
7845	Bay Bridge Marina Light 2	DAYMK DMGD		0119MD	30/24	
7850	Bay Bridge Marina Light 3	LT IMCH		0119MD	30/24	
7855	Bay Bridge Marina Light 4	LT EXT		0119MD	30/24	
7865	Bay Bridge Marina Light 6	LT IMCH		0119MD	30/24	
7980	Queen Ann County Obstruction Buoy A	MISSING		0120MD	30/24	
10157.09	Crab Creek Warning Daybeacon A	MISSING		NONEVA	51/22	
10157.1	Crab Creek Warning Buoy B	MISSING	12222	NONEVA	51/22	
10157.12	Crab Creek Buoy 12	MISSING	12222	0133VA	30/23	
10157.13	Crab Creek Buoy 13	MISSING	12222	0076VA	20/24	
10186	Lynnhaven River Daybeacon 1LR	MISSING	12222	NONEVA	51/22	
10187	Lynnhaven River Junction Daybeacon EW	MISSING	12222	NONEVA	51/22	
10305	Lynnhaven River Western Branch Daybeacon 26	MISSING	12222	317HR	43/19	
10332	Lynnhaven River Eastern Branch Buoy 1EB	MISSING	12222	057VA	13/22	
10332.01	Lynnhaven River Eastern Branch Buoy 2EB	MISSING		113VA	24/21	
10332.03	Lynnhaven River Eastern Branch Buoy 2A	MISSING	12222	057VA	13/22	
10332.1	Lynnhaven River Eastern Branch Buoy 3	MISSING	12222	053HR	11/19	
10332.3	Lynnhaven River Eastern Branch Daybeacon 5	DAYMK MISSING	12222	115VA	24/21	
10333	Lynnhaven River Eastern Branch Daybeacon 14	STRUCT DMGD	12222	0244VA	40/22	
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	

11307	Seaward Marine Lighted Mooring Buoy A	MISSING	12280	0098VA	25/24
11564.1	James River Oyster Sanctuary Daybeacon NTH	DAYMK MISSING/STRUCT DMGD		213VA	48/22
11800	Surry Power Station Daybeacon 2	STRUCT DEST		214VA	48/22
11810	Surry Power Station Daybeacon 5	DAYMK MISSING		215VA	48/22
11820	Surry Power Station Daybeacon 9	STRUCT DEST		216VA	48/22
12055	Virginia Power Groin Light A	LT EXT		0028VA	03/20
12060	Virginia Power Groin Light B	LT EXT		008VA	03/20
12195	Chickahominy River Dam Light A	LT EXT		NONEVA	24/24
12195.1	Chickahominy River Dam Light B	LT EXT		NONEVA	24/24
12870	Salt Ponds Light 6	LT EXT	12222	0219VA	42/23
12955	Back River South Channel Daybeacon 5	MISSING	12222	NONEVA	19/23
12962	Back River South Channel Junction Daybeacon WC	MISSING	12222	075VA	20/22
13010	Dandy Haven Marina Entrance Daybeacon 11	MISSING	12222	NONEVA	19/23
13575	Virginia Power Underwater Obstruction Light A	LT EXT		NONEVA	29/24
13960	Croaker Landing Daybeacon 1	STRUCT DEST		232HR	11/18
13965	Croaker Landing Daybeacon 2	STRUCT DEST		233HR	11/18
14560	Milford Haven East Channel Light 1	STRUCT DEST		0108VA	27/23
14565	Milford Haven East Channel Light 3	LT EXT/STRUCT DMGD		169VA	40/22
14585	Milford Haven East Channel Lighted Buoy 4A	OFF STA		113VA	25/22
14595	Milford Haven East Channel Danger Light 6	LT IMCH		170VA	40/22
16565	Lake Conoy Warning Daybeacon C	STRUCT DEST/HAZ NAV		0144MD	29/23
16825	West Yeocomico River Daybeacon 6	HAZ NAV/STRUCT DMGD		0131MD	28/23
18012	Aquia Creek Daybeacon 13	DAYMK DMGD/STRUCT DMGD		184MD	33/20
18012.3	Aquia Creek Daybeacon 16	DAYMK MISSING		186MD	33/20
18012.6	Aquia Creek Daybeacon 18A	STRUCT DEST/TRUB		183MD	24/19
18095	Potomac River Light 44	LT EXT		0117MD	30/24
18251.2	Neabsco Creek Channel Lighted Buoy 3	LT EXT		0121MD	31/22
18530	Piscataway Creek Daybeacon 7	DAYMK MISSING		0034MD	09/24
18535	Piscataway Creek Daybeacon 8	DAYMK MISSING		083MD	21/21
18540	Piscataway Creek Warning Daybeacon A	STRUCT DEST		084MD	21/21
18545	Piscataway Creek Warning Daybeacon B	STRUCT DEST		085MD	21/21
18965	Mill Creek (Patuxent River) Daybeacon 7	STRUCT DEST/TRLB		130MD	27/21
19062	Solomons Island Fishing Pier Light	LT EXT		345MD	41/22
19223	Battle Creek Channel Daybeacon 4	OFF STA/STRUCT DEST/HAZ NAV/TRLB		214MD	30/21
19350	South Herrington Harbour Range Rear Light	REDUCED INT		144MD	28/21
20067	Sharps Point Light	LT EXT		179MD	31/21
20600	Sparrows Point Bulkhead Light A	LT EXT		0128MD	32/24
20810	Key Electrical Tower Lights C (4)	LT EXT		0044MD	10/24
20820	Key Electrical Tower Lights E (4)	LT EXT		0046MD	10/24
20882	Thomas Cove Mooring Buoy A	BUOY DMGD		0089MD	23/23
20883	Thomas Cove Mooring Buoy B	BUOY DMGD		0090MD	23/23
20930	Hess Lighted Mooring Buoy	LT EXT		0138MD	29/23
26135	Wye River Daybeacon 5	STRUCT DEST/TRUB		124MD	14/22
26160	Wye East River Daybeacon 3	STRUCT DEST/TRUB		0062-1MD	19/24

26874.1	Swan Creek Buoy 13	OFF STA		0080MD	21/24
26875	Swan Creek Buoy 14	SINKING		0108MD	28/24
26965	Shallow Creek Daybeacon 4	STRUCT DMGD		0086MD	22/24
27065	Longs Creek Daybeacon 1	STRUCT DEST		334MD	44/20
27075	Longs Creek Daybeacon 4	DAYMK IMCH		336MD	44/20
27275	Upper Gunpowder River Buoy 11	OFF STA		0065MD	19/24
27280	Upper Gunpowder River Buoy 12	OFF STA		0066MD	19/24
32725.22	Swanquarter PPA Warning Daybeacon W	DAYMK MISSING		NONENC	51/22
33200	Jacobs Creek Canal Daybeacon 1	DAYMK MISSING		503NC	51/22
33205	Jacobs Creek Canal Daybeacon 2	DAYMK MISSING		504NC	51/22
	City Of Norfolk Outfall Warning Light At Ocean View Park	LT EXT		NONEVA	51/22
	Gosnold Hope Channel Daybeacon 6	STRUCT DEST	12222	242HR	12/18
	Hambleton Cove Daybeacon 1	DAYMK MISSING		NONEMD	43/20
	Hambleton Cove Daybeacon 3	DAYMK MISSING		302MD	41/20
	Hambleton Cove Daybeacon 5	DAYMK MISSING		302MD	41/20
	Moore Creek Daybeacon 9	DAYMK MISSING		NONEVA	40/22
	Waterview Seafood Warning Daybeacon C	DAYMK MISSING	12221	NONEVA	06/24
	York County Mooring Buoy A	DAYMK IMCH		NONEVA	04/23
	York County Mooring Buoy B	DAYMK IMCH		NONEVA	04/23
	York County Mooring Buoy C	DAYMK IMCH		NONEVA	04/23
	York County Mooring Buoy D	DAYMK IMCH		NONEVA	04/23

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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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
455	Chesapeake Bay Southern Approach Lighted Buoy 9	RELOCATED FOR DREDGING	12200	0340D5	26/24	
460	Chesapeake Bay Southern Approach Lighted Buoy 10	RELOCATED FOR DREDGING	12200	0340D5	26/24	
625	Cape Hatteras Light	Reduced Intensity	12200	0231D5	18/24	
3690	Upper Delaware River Channel Buoy 10	RELOCATED FOR DREDGING		0366D5	36/23	
3860	Upper Delaware River Channel Lighted Buoy 30	RELOCATED FOR DREDGING		0366D5	36/23	
3875	Upper Delaware River Channel Lighted Buoy 33	RELOCATED FOR DREDGING		0366D5	36/23	

3925	Upper Delaware River Channel Buoy 39	RELOCATED FOR DREDGING		0366D5	36/23
3930	Upper Delaware River Channel Lighted Buoy 40	RELOCATED FOR DREDGING		0366D5	36/23
3955	Upper Delaware River Channel Lighted Buoy 43	RELOCATED FOR DREDGING		0366D5	36/23
8245	Francis Scott Key Memorial Buoy	RELOCATED		0334D5	26/24
9445	Elizabeth River Lighted Buoy 1ER	RELOCATED FOR DREDGING	12222	0401D5	32/24
9465	Elizabeth River Lighted Buoy 3	RELOCATED FOR DREDGING	12222	0401D5	32/24
9470	Elizabeth River Lighted Buoy 5	RELOCATED FOR DREDGING	12222	0401D5	32/24
9475	Elizabeth River Lighted Buoy 7	RELOCATED FOR DREDGING	12222	0401D5	32/24
9515	Elizabeth River Lighted Buoy 9	RELOCATED FOR DREDGING	12222	0401D5	32/24
9520	Elizabeth River Lighted Buoy 10	RELOCATED FOR DREDGING	12222	0401D5	32/24
9525	Elizabeth River Lighted Buoy 11	RELOCATED FOR DREDGING	12222	0358D5	29/24
9530	Elizabeth River Lighted Buoy 12	RELOCATED FOR DREDGING	12222	0358D5	29/24
9600	Elizabeth River Lighted Buoy 18	RELOCATED FOR DREDGING		0188D5	16/24
9620	Elizabeth River Lighted Buoy 20	RELOCATED FOR DREDGING	12222	0188D5	16/24
9620	Elizabeth River Lighted Buoy 20	TRLB	12222	0188D5	16/24
10575	Willoughby Bay Channel Lighted Wreck Buoy WR1	DISCONTINUED FOR DREDGING	12222	0337D5	26/24
10583	Willoughby Bay Channel Buoy 3	DISCONTINUED FOR DREDGING	12222	0337D5	26/24
18695	Alexandria Lighted Buoy 5	TRLB		0163D5	14/23
28233	Old House Channel Lighted Buoy 1H	RELOCATED FOR DREDGING		0272D5	22/24
29655	New River Inlet Lighted Buoy 1	DISCONTINUED		0250D5	21/24
29660	New River Inlet Lighted Buoy 2	DISCONTINUED		0250D5	21/24
29665	New River Inlet Buoy 3	DISCONTINUED		0250D5	21/24
29670	New River Inlet Buoy 4	DISCONTINUED		0260D5	21/24
29672	New River Inlet Buoy 4A	DISCONTINUED		0259D5	21/24
29680	New River Inlet Buoy 6	DISCONTINUED		0259D5	21/24
29700	New River Inlet Buoy 8	DISCONTINUED		0259D5	21/24
29710	New River Inlet Buoy 9	DISCONTINUED		0259D5	21/24
29712	New River Inlet Buoy 9A	DISCONTINUED		0259D5	21/24
29720	New River Inlet Buoy 10	DISCONTINUED		0259D5	21/24
29745	New River Channel Daybeacon 15	TRUB		386D5	28/21
31010	Lockwoods Folly Inlet Lighted Buoy 1	DISCONTINUED FOR DREDGING		0237D5	19/24
31015	Lockwoods Folly Inlet Lighted Buoy 2	DISCONTINUED FOR DREDGING		0237D5	19/24
31020	Lockwoods Folly Inlet Buoy 3	DISCONTINUED FOR DREDGING		0222D5	18/24
31025	Lockwoods Folly Inlet Buoy 4	DISCONTINUED FOR DREDGING		0222D5	18/24
31027	Lockwoods Folly Inlet Buoy 5	DISCONTINUED FOR DREDGING		0222D5	18/24
31030	Lockwoods Folly Inlet Buoy 6	DISCONTINUED FOR DREDGING		0222D5	18/24
31035	Lockwoods Folly Inlet Buoy 7	DISCONTINUED FOR DREDGING		0222NC	18/24

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
20795	Hawkins Point Shoal Buoy 11S	Reestablished		0405D5	14/24	32/24

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

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

411 **54th Ed.** **01-AUG-13** **Last LNM: 10/23** **NAD 83** **32/24**

Chart Title: Gulf of Mexico

Main Panel 45 GULF OF MEXICO. Page/Side: N/A

LAST EDITION No new editions of chart 411 will be published. It will be canceled on 04-Sep-24. 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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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5161 **14th Ed.** **01-MAR-16** **Last LNM: 20/20** **NAD 83** **32/24**

Chart Title: Newport, Rhode Island to Bermuda (Plotting Sheet)

Main Panel 2912 PLOTTING SHEET NEWPORT TO BERMUDA. Page/Side: A

LAST EDITION No new editions of chart 5161 will be published. It will be canceled on 04-Sep-24. 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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

NOS

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11009 **39th Ed.** **01-APR-11** **Last LNM: 19/22** **NAD 83** **32/24**

Chart Title: Cape Hatteras to Straits of Florida

Main Panel 378 CAPE HATTERAS TO STRAITS OF FLORIDA. Page/Side: N/A

LAST EDITION No new editions of chart 11009 will be published. It will be canceled on 04-Sep-24. 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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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11520 **45th Ed.** **01-SEP-13** **Last LNM: 19/22** **NAD 83** **32/24**

Chart Title: Cape Hatteras to Charleston

Main Panel 377 CAPE HATTERAS TO CHARLESTON. Page/Side: N/A

LAST EDITION No new editions of chart 11520 will be published. It will be canceled on 30-Oct-24. 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 <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS --

12200 **53rd Ed.** **01-OCT-18** **Last LNM: 25/24** **NAD 83** **32/24**
ChartTitle: Cape May to Cape Hatteras

Main Panel 526 CAPE MAY TO CAPE HATTERAS - -. Page/Side: -

DELETE	Nags Head Research Lighted Data Buoy A	CGD05 35-54-44.490N	075-35-10.780W
ADD	Coastal Virginia Offshore Wind WTG F10 Yellow Q Y 15 Ft, 5 Naut Mi	CGD05 at 36-55-52.376N	075-22-14.992W
ADD	Coastal Virginia Offshore Wind WTG F11 Yellow Q Y 15 Ft, 5 Naut Mi	CGD05 at 36-55-52.547N	075-21-18.965W
ADD	Coastal Virginia Offshore Wind WTG G10 Yellow Q Y 15 Ft, 5 Naut Mi	at 36-54-56.873N	075-22-07.852W
ADD	Coastal Virginia Offshore Wind WTG H08 Yellow Q Y 15 Ft, 5 Naut Mi	CGD05 at 36-54-00.976N	075-23-52.763W

LAST EDITION No new editions of chart 12200 will be published. It will be canceled on 30-Oct-24. 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 <https://www.charts.noaa.gov/MCD/Dole.shtml>. NOS --

12207 **25th Ed.** **01-AUG-19** **Last LNM: 23/23** **NAD 83** **32/24**
ChartTitle: Cape Henry to Currituck Beach Light

Main Panel 548 CAPE HENRY TO CURRITUCK BEACH LIGHT - -. Page/Side: -

LAST EDITION	No new editions of chart 12207 will be published. It will be canceled on 02-Oct-24. 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 https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--
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12208 **17th Ed.** **01-JAN-17** **Last LNM: 35/18** **NAD 83** **32/24**
ChartTitle: Approaches to Chesapeake Bay

Main Panel 549 APPROACHES TO CHESAPEAKE BAY. Page/Side: A

LAST EDITION	No new editions of chart 12208 will be published. It will be canceled on 02-Oct-24. 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 https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--
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12221 **84th Ed.** **01-MAY-19** **Last LNM: 32/24** **NAD 83** **32/24**
ChartTitle: Chesapeake Bay Entrance

Main Panel 558 CHESAPEAKE BAY ENTRANCE - -. Page/Side: -

DELETE	CSX Pier 14 Lights (2)	CGD05 36-57-38.920N	076-25-11.660W
DELETE	CSX Pier 15 Lights (2)	CGD05 36-57-39.140N	076-25-04.810W
LAST EDITION	No new editions of chart 12221 will be published. It will be canceled on 02-Oct-24. 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 https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--

12222 **56th Ed.** **01-MAY-19** **Last LNM: 27/24** **NAD 83** **32/24**

ChartTitle: Chesapeake Bay Cape Charles to Norfolk Harbor

Main Panel 559 CHESAPEAKE BAY CAPE CHARLES TO NORFOLK HARBOR - -. Page/Side: -

NOS --
LAST EDITION No new editions of chart 12222 will be published. It will be canceled on 02-Oct-24. 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 https://www.charts.noaa.gov/MCD/Dole.shtml.

12280 12th Ed. 01-SEP-20 Last LNM: 32/24 NAD 83 32/24

ChartTitle: Chesapeake Bay

Extension 2975 CHESAPEAKE BAY - SOUTHERN PART - -. Page/Side: -

DELETE CSX Pier 14 Lights (2) CGD05 36-57-38.920N 076-25-11.660W
DELETE CSX Pier 15 Lights (2) CGD05 36-57-39.140N 076-25-04.810W

Main Panel 2974 CHESAPEAKE BAY - NORTHERN PART - -. Page/Side: -

NOS --
LAST EDITION No new editions of chart 12280 will be published. It will be canceled on 30-Oct-24. 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 https://www.charts.noaa.gov/MCD/Dole.shtml.

12300 49th Ed. 01-JUN-12 Last LNM: 04/24 NAD 83 32/24

ChartTitle: Approaches to New York, Nantucket Shoals to Five Fathom Bank

Main Panel 666 NY APPROACHES - NANTUCKET SHOALS TO FIVE FATHOM BANK. Page/Side: N/A

NOS --
LAST EDITION No new editions of chart 12300 will be published. It will be canceled on 30-Oct-24. 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 https://www.charts.noaa.gov/MCD/Dole.shtml.

13003 52nd Ed. 01-OCT-15 Last LNM: 32/24 NAD 83 32/24

ChartTitle: Cape Sable to Cape Hatteras

Main Panel 2156 CAPE SABLE TO CAPE HATTERAS. Page/Side: A

DELETE CSX Pier 14 Lights (2) CGD05 36-57-38.920N 076-25-11.660W
DELETE CSX Pier 15 Lights (2) CGD05 36-57-39.140N 076-25-04.810W
DELETE Nags Head Research Lighted Data Buoy A CGD05 35-54-44.490N 075-35-10.780W
ADD Coastal Virginia Offshore Wind WTG F10 Yellow Q Y 15 Ft, 5 Naut Mi CGD05 at 36-55-52.376N 075-22-14.992W
ADD Coastal Virginia Offshore Wind WTG F11 Yellow Q Y 15 Ft, 5 Naut Mi CGD05 at 36-55-52.547N 075-21-18.965W
ADD Coastal Virginia Offshore Wind WTG G10 Yellow Q Y 15 Ft, 5 Naut Mi at 36-54-56.873N 075-22-07.852W
ADD Coastal Virginia Offshore Wind WTG H08 Yellow Q Y 15 Ft, 5 Naut Mi CGD05 at 36-54-00.976N 075-23-52.763W
LAST EDITION No new editions of chart 13003 will be published. It will be canceled on 04-Sep-24. 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 https://www.charts.noaa.gov/MCD/Dole.shtml.

13006 36th Ed. 01-JUL-12 Last LNM: 38/20 NAD 83 32/24

ChartTitle: West Quoddy Head to New York

Main Panel 2155 WEST QUODDY HEAD TO NEW YORK-EAST COAST. Page/Side: N/A

LAST EDITION No new editions of chart 13006 will be published. It will be canceled on 04-Sep-24. 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 <https://www.charts.noaa.gov/MCD/Dole.shtml>.

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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)

PA - NJ – UPPER DELAWARE RIVER – CHANGE IN SEASONAL STATUS AND BUOY HULL SIZE – AIDS TO NAVIGATION CHANGE

Starting September 23, 2024 to the end of November 2024, the Coast Guard will make the following changes to the buoys on the Upper Delaware River.

Seasonal status "Replaced by can/nun when endangered by ice." will be removed. Aid will be lighted year-round regardless of potential ice:

- Upper Delaware River Channel Lighted Buoy 33 (LLNR 3875)
- Upper Delaware River Channel Lighted Buoy 36 (LLNR 3920)
- Upper Delaware River Channel Lighted Buoy 40 (LLNR 3930)
- Upper Delaware River Channel Lighted Buoy 48 (LLNR 3990)
- Upper Delaware River Channel Lighted Buoy 51 (LLNR 4010)
- Upper Delaware River Channel Lighted Buoy 53 (LLNR 4035)
- Upper Delaware River Channel Lighted Buoy 69 (LLNR 4135)
- Upper Delaware River Channel Lighted Buoy 72 (LLNR 4160)
- Upper Delaware River Channel Lighted Buoy 76 (LLNR 4170)

Seasonal status "Replaced by LIB of reduced intensity from Dec. 15 to Mar. 1" will be removed. Buoy size/type and light nominal range would remain the same all year round.

- Upper Delaware River Channel Lighted Buoy 52 (LLNR 4015)
- Upper Delaware River Channel Lighted Buoy 54 (LLNR 4040)
- Upper Delaware River Channel Lighted Buoy 60 (LLNR 4075)
- Upper Delaware River Channel Lighted Buoy 65 (LLNR 4095)
- Upper Delaware River Channel Lighted Buoy 71 (LLNR 4155)
- Upper Delaware River Channel Lighted Buoy 78 (LLNR 4175)
- Upper Delaware River Channel Lighted Buoy 89 (LLNR 4250)
- Upper Delaware River Channel Lighted Buoy 91 (LLNR 4275)

All aids will change buoy type to year-round ice resistant buoys. Day time nominal range will be reduced from 2.3nm to 1.4nm and radar range would be reduced from 2.7nm to 1.0nm. All light nominal ranges will be set to 4nm.

LNM: 31/24

MD – EASTERN BAY AND SOUTH RIVER – WEST RIVER – AIDS TO NAVIGATION CHANGE

During the week of August 5, 2024, the Coast Guard will change West River Lighted Buoy 1A (LLNR 19465) to West River Light 1A and relocate to approximate position: 38-52-17.346N, 76-28-48.284W. The new light will have SG dayboards on pile, a 2.5 second flashing green light with 4nm nominal range.

LNM: 31/24

MD – CHOPTANK RIVER AND HERRING BAY – AIDS TO NAVIGATION CHANGE

The Coast Guard on June 12, 2024 removed damaged/destroyed steel piles that were the structure types for Fishing Creek Daybeacon 3 (LLNR 24765), Fishing Creek Daybeacon 4 (LLNR 24770) and Trippe Creek Daybeacon 1 (LLNR 25445). Upon removal of the wreckage the temporary buoys were left in the aid's positions. On August 12, 2024 the Coast Guard will make the temporary buoys permanent.

LNM: 29/24

VA – HAMPTON ROADS – ELIZABETH RIVER – TEMPORARY AIDS TO NAVIGATION CHANGE

In association with the Norfolk Harbor Inner Channel Deepening Project the Coast Guard will temporarily relocate the below listed aids; approximately 100' outside the channel toe, on/or about July 9, 2024:

- Elizabeth River LB 11 (LLNR 9525) to 36-55-51.790N, 076 20 09.842W.
- Elizabeth River LB 12 (LLNR 9530) to 36-55-47.575N, 076 20 28.288W.

And temporarily relocate below listed aids; approximately 100' outside the channel toe, on/or about July 29, 2024:

- Elizabeth River LB 1 (LLNR 9445) to 36-59-15.575N, 076-18-40.809W.
- Elizabeth River LB 3 (LLNR 9465) to 36-58-25.221N, 076-19-43.845W.
- Elizabeth River LB 5 (LLNR 9470) to 36-58-00.000N, 076-19-59.431W.
- Elizabeth River LB 7 (LLNR 9475) to 36-57-44.515N, 076-20 00.208W.
- Elizabeth River LB 9 (LLNR 9515) to 36-56-37.013N, 076-20-06.281W.
- Elizabeth River LB 10(LLNR 9520) to 36-56-35.910N,076-20-24.372W.

LNM: 28/24

NC – WESTERN PART OF PAMLICO SOUND – PAMLICO RIVER – AIDS TO NAVIGATION CHANGE

During the months of July or August 2024, Pamlico Point Warning Light (LLNR 32813) will be discontinued, and all structures will be removed.

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES

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/sites/default/files/pdf/Inms/D05_LNM_Special_Notice_Waterway_Proposal_Feedback_Form_Indefinite.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 – DELAWARE BAY – BAY SHORE CHANNEL - AID TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing to discontinue Deadman Shoal Lighted Buoy 1 DS (LLNR 1685).

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:

D05_LNM_Special_Notice_Waterway_Proposal_Feedback_Form_Indefinite.pdf (uscg.gov)

Or via email at: Gregory.C.Goetz2@uscg.mil

Or regular mail at: U.S. Coast Guard Fifth District

Waterways Management (dpw)

431 Crawford Street, Room 100

Portsmouth, VA 23704

Attn: Gregory Goetz

All comments will be carefully considered and are requested prior to August 27, 2024 to be considered in the analysis. Refer to Project Number 05-24-039(D).

LNM: 27/24

NJ – DE – CAPE MAY TO FENWICK ISLAND - DELAWARE BAY – AID TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing changing Delaware Bay Approach Lighted Whistle Buoy CH (LLNR 1485) to Delaware Bay Approach Lighted Buoy (LLNR 1485). Aid will no longer have a RACON, Whistle, and buoy size will be reduced. The smaller buoy will reduce radar range from 4 NM to 3.7 NM.

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:

D05_LNM_Special_Notice_Waterway_Proposal_Feedback_Form_Indefinite.pdf (uscg.gov)

Or via email at: Gregory.C.Goetz2@uscg.mil

Or regular mail at: U.S. Coast Guard Fifth District

Waterways Management (dpw)

431 Crawford Street, Room 100

Portsmouth, VA 23704

Attn: Gregory Goetz

All comments will be carefully considered and are requested prior to August 27, 2024 to be considered in the analysis. Refer to Project Number 05-24-034(D).

LNM: 27/24

MD – BALTIMORE HARBOR – FERRY BAR CHANNEL – AIDS TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing Discontinuing Ferry Bar Channel Junction Buoy FB (LLNR 21275).

Additionally, remove the word "Channel" from the aid names.

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:

D05_LNM_Special_Notice_Waterway_Proposal_Feedback_Form_Indefinite.pdf (uscg.gov)

All comments will be carefully considered and are requested prior to August 12, 2024 to be considered in the analysis. Refer to project number 05-24-033(D).

Send comments to 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

LNM: 25/24

MD – EASTERN BAY AND SOUTH RIVER – EASTERN BAY – AIDS TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing following change in the Eastern Bay:

- Change: Lighted Buoy 2A (LLNR 26010) to Light 2A and relocate to approximate position: 38 50 32.1937N—76 18 18.234W. The new light will have TR dayboards on pile and a 4 second flashings red light with a 4nm nominal range.
- Change: Buoy 3 (LLNR 26045) to Daybeacon 3 and relocate to approximate position: 38 51 41 399N—76 16 57.297W with SG dayboards on pile.
- Change: Lighted Buoy 4 (LLNR 26050) to Light 4 and relocate to approximate position: 38 52 30.608N—76 15 13.052W. The new light will have TR dayboards on pile and a 4 second flashing red light with a 4nm nominal range.
- Change: Buoy 6 (LLNR 260070) and relocate to approximate position: 38 52 15.425N—76 14 46.155W with TR dayboards on pile.
- Change: Buoy 8 (LLNR 26075) to Light 8 and relocate to approximate position: 38 50 38.526N—76 13 47.455W. The new light will have TR dayboards on pile and a 4 second flashings red light with a 4nm nominal range.
- Change: Buoy 9 (LLNR 26080) to Daybeacon 9 and relocate to approximate position: 38 49 57.050N—76 13 49.191W with SG dayboards on pile.
- Change: Buoy 10 (LLNR 26090) to Daybeacon 10 and relocate to approximate position: 38 49 34.024N—76 13 13.074W with TR dayboards.
- Change: Lighted Buoy 11 LLNR 26085) to Light 11 and relocate to approximate position: 38 49 49.476—76 13 10.711W. The new light will have SG dayboards on pile and a 4 second flashing green light with a 4nm nominal range.

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:

D05_LNM_Special_Notice_Waterway_Proposal_Feedback_Form_Indefinite.pdf (uscg.gov)

All comments will be carefully considered and are requested prior to August 26, 2024 to be considered in the analysis. Refer to project number 05-24-030(D).

Send comments to 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

LNM: 27/24

NC – CAPE HENERY TO PAMLICO SOUND – EDENTON BAY – AID TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing discontinuing Edenton Light (LLNR 31750).

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:

D05_LNM_Special_Notice_Waterway_Proposal_Feedback_Form_Indefinite.pdf (uscg.gov)

Or via email at: Gregory.C.Goetz2@uscg.mil

Or regular mail at: U.S. Coast Guard Fifth District

Waterways Management (dpw)
 431 Crawford Street, Room 100
 Portsmouth, VA 23704
 Attn: Gregory Goetz

All comments will be carefully considered and are requested prior to August 6, 2024 to be considered in the analysis. Refer to Project Number 05-24-036(D).

LNM: 27/24

NC – CAPE HATTERAS – BARNEY SLOUGH CHANNEL - AID TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing to decrease the size of the following aid to navigation:

Barney Slough Channel Buoy 12 (LLNR 28723)

Barney Slough Channel lighted Buoy 13 (LLNR 28723.3)

These smaller buoys will decrease the visual range from 1.4 NMs to 1.2 NMs and radar range from 1.3 NMs to .5NMs. The smaller buoys will aid the servicing unit in quicker response times for discrepancies and shoaling related relocations.

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:

D05_LNM_Special_Notice_Waterway_Proposal_Feedback_Form_Indefinite.pdf (uscg.gov)

Or via email at: Gregory.C.Goetz2@uscg.mil

Or regular mail at: U.S. Coast Guard Fifth District

Waterways Management (dpw)
 431 Crawford Street, Room 100
 Portsmouth, VA 23704
 Attn: Gregory Goetz

All comments will be carefully considered and are requested prior to August 27, 2024 to be considered in the analysis. Refer to Project Number 05-24-037(D).

LNM: 27/24

SECTION VII - GENERAL

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

VA - ATLANTIC OCEAN - WALLOPS ISLAND ROCKET LAUNCHES

Rocket launches are regularly scheduled in the vicinity of Wallops Island, VA, Danger Zone 334.130. Prior to these launches, visual signals will be displayed consisting of either a large orange-colored, "blimp-shaped" balloon by day or a rotating alternately red and white beacon by night. The balloon will be flown from a position at 37-50-38N, 75-28-47W and the beacon will be displayed approximately 200 feet above mean high water in position 37-50-16N, 75-29-07W. While the warning signal is displayed, all persons and vessels in the Danger Zone, except vessels entering or departing Chincoteague Inlet, shall leave the zone promptly by the shortest possible route and remain outside the zone until allowed by a patrol boat to enter or the danger signal has been discontinued. Vessels entering or departing Chincoteague Inlet must take the shortest route possible

VA - ATLANTIC OCEAN - WALLOPS ISLAND ROCKET LAUNCHES

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.

******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.

Chart 12222

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 capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Charts: 12200 12221 12222

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.

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.

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

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

NJ - DE - MD - VA - 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:
The East of Atlantic City Slow Zone Area is bounded by: 39 Degrees 49 Minutes North, 39 Degrees 09 Minutes North, 072 Degrees 22 Minutes West, 073 Degrees 14 Minutes West. Expires August 15, 2024.
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-VESSEL-STRIKES-NORTH-ATLANTIC-RIGHT-WHALES](https://www.fisheries.noaa.gov/national/endangered-species-conservation/reducing-vessel-strikes-north-atlantic-right-whales).
See ENC 9 for Graphic.

LNM: 32/24

NJ - SHARK RIVER INLET - DREDGING

All mariners please be advised that the Dredge MURDEN of the U.S. Army Corps of Engineers will be performing maintenance dredging of the navigational channel in Shark River Inlet beginning on or about August 4, 2024, and continue until August 11, 2024. Dredging operations will be conducted in the channel, approximately 500 feet seaward of Shark River Inlet South Breakwater Light 1 (Light List# 872), which is located on the south jetty, and ending approximately 150 feet landward of Shark River Inlet North Breakwater Light 2 (Light List# 873), which is located on the north jetty. The dredged sand will be placed north of the second rock groin, approximately 1,600 feet north of the Shark River Inlet North Breakwater Light 2 in 14 feet of water to create a temporary near shore, 2-foot to 4-foot-high underwater berm. The dredge will be monitoring VHF radio channels 13 and 16. Mariners are requested to use extreme caution when transiting the area at their slowest safe speed to minimize wake.

LNM: 29/24

NJ - SANDY HOOK TO LITTLE EGG HARBOR - SHARK RIVER

Mariners are advised that the highway drawbridge - SR 71 (Main Street) Bridge, over Shark River, mile 0.8, between Avon-by-the-Sea and Belmar, NJ, has sustained a causality and will not be capable of normal operations. Emergency maintenance of the bridge bascule spans will occur. The bridge has been secured in the open-to-navigation position until further notice. Vessels may transit through the bridge unrestricted at all times. Mariners should use extreme caution when transiting the area.

LNM: 12/24

NJ - INTRACOASTAL WATERWAY - MANASQUAN RIVER - SANDY HOOK TO LITTLE EGG HARBOR - BRIDGE MAINTENANCE

Mariners are advised that an engineering firm, on behalf of New Jersey Department of Transportation, will be performing maintenance on the highway drawbridge - SR 35 (Route 35/Churchill) Bridge, over New Jersey Intracoastal Waterway (NJICW), Manasquan River, mile 1.1, between Brielle and Point Pleasant Beach, NJ. Bridge fender system maintenance will be conducted from 6 a.m. to 4 p.m.; Monday-Saturday; from July 1, 2024, through December 31, 2025. A 60-foot crane barge, a 40-foot material barge, and work vessels will be located in and around the vicinity of the bridge. During the duration of the maintenance period, the 40-foot material barge will be located adjacent to the bridge fender system within the navigational channel reducing the horizontal clearance of the bridge to approximately 45 feet of horizontal clearance. Vessels that can safely transit through the bridge during periods with a reduced horizontal clearance may do so at any time. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (908) 618-6313. Mariners should use extreme caution navigating through the area.

LNM: 26/24

******NJ - SEA GIRT TO LITTLE EGG HARBOR - OYSTER CREEK CHANNEL - DREDGE OPERATIONS******

All mariners please be advised that the Dredge Fullerton, of Barnegat Bay Dredging, will be performing maintenance dredging in Oyster Creek Channel, in Barnegat Bay, beginning on August 15, 2024, and continue until September 12, 2024. Dredging operations will be conducted on the south side of the channel beginning at Oyster Creek Channel Buoy 38 (LLNR 1090) and then proceed west to Oyster Creek Channel Buoy 40 (LLNR 1095). The dredge will be in the navigational channel, mariners are requested to contact the Dredge Fullerton 15 minutes prior to transiting the area to make passing arrangements. The dredge will be monitoring VHF radio channels 13 & 16. Work will be conducted 24 hours a day, Monday through Saturday. Mariners are reminded to use caution when transiting the area.

LNM: 32/24

NJ - INTRACOASTAL WATERWAY (ICW) - LITTLE EGG HARBOR TO CAPE MAY - INSIDE THOROFARE - BRIDGE TEMPORARY DEVIATION

Mariners are advised that the US40-322 (Albany Avenue) Bridge, at ICW mile 67.2, across Inside Thorofare in Atlantic City, NJ will be closed to vessels requiring an opening from 8 a.m. to 6 p.m., Friday, September 13, 2024, from 5 a.m. to 5 p.m., Saturday, September 14, 2024, and from 5 a.m. to 3 p.m., Sunday, September 15, 2024, to accommodate the USA Triathlon National Championship. Vessels may not pass through the bridge in the closed position. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal

NJ – INTRACOASTAL WATERWAY (ICW) - LITTLE EGG HARBOR TO CAPE MAY – INSIDE THOROFARE – BRIDGE TEMPORARY DEVIATION

Regulations Part 117.733(f). Mariners should use extreme caution when transiting the area.

LNM: 31/24

NJ – LITTLE EGG INLET TO HEREFORD INLET – CLAM CREEK – PIER CONSTRUCTION

Ørsted is working to complete the construction of the Operations & Maintenance facility in Atlantic City, NJ. This includes the installation of docks at the bulkheads adjacent to the property which extends into Clam Creek. This work is expected to begin on or around July 8 and be completed within 30 days using DEVIN (barge with crane) and will be monitoring VHF channel 16.

LNM: 27/24

NJ – LITTLE EGG HARBOR TO CAPE MAY – GREAT CHANNEL – SOIL BORING

Mariners are advised that, an engineering firm on behalf of Cape May County's Engineering Division, will be performing exploratory boring (drilling) in Great Channel, southwest of the CR 657 (96th Street) Bridge in Stone Harbor, NJ, from July 29, 2024, through August 1, 2024. The drilling will take place from 7:30 a.m. to 4:30 p.m. on each day. A work barge and associated vessels will be located adjacent to the main navigation channel, outside of 96th Street Bridge fendering system. The main navigation channel will not be impeded, and the equipment can clear the area with at least 15-minute prior notification, if need be. The project foreman can be reached at (510) 356-8522. Mariners should use caution when navigating through the area.

LNM: 28/24

NJ – LITTLE EGG TO CAPE MAY - CAPE MAY HARBOR – DREDGING

All mariners please be advised that the Dredge Fullerton of Barnegat Bay Dredging will be performing maintenance dredging in Cape May Harbor beginning on July 9, 2024, and continue until August 10, 2024. Dredging operations will be conducted from Cape May Harbor Daybeacon 13 (Light List Number 36760) and then proceed west to the mouth of Schellenger Creek. The dredge will be in the navigational channel, mariners are requested to contact the Dredge Fullerton 15 minutes prior to transiting the area to make passing arrangements. The dredge will be monitoring VHF radio channels 13 & 16. Work will be conducted 24 hours a day, Monday through Saturday. Mariners are reminded to use caution when transiting the area.

LNM: 28/24

NJ – GREAT EGG INLET – GREAT EGG HARBOR BAY – DRAG CHANNEL – SHIP CHANNEL – BRIDGE INSPECTION

Mariners are advised that an engineering firm, on behalf of New Jersey Turnpike Authority, will be performing inspections on the Garden State Parkway North and South Bound Bridges across Great Egg Harbor Ship Channel and Drag Channel, at mile 3.5, between Cape May and Atlantic Counties, NJ. The inspections will be performed between 8 a.m. to 4 p.m., Monday-Friday, from October 21, 2024, through November 1, 2024. They will be utilizing an inspection bucket platform boat and will relocate from the navigable channel if given a 15-minute notice. Vessel may be reached on VHF-FM channel 13 and 16. Mariners should use caution when transiting the area.

LNM: 31/24

PA – WILMINGTON TO PHILADELPHIA – DARBY CREEK – BRIDGE CONSTRUCTION

Mariners are advised that a construction firm, on behalf of Pennsylvania Department of Transportation, will be constructing a new bridge to replace the SR 420 (Wanamaker Avenue) Bridge, over Darby Creek, mile 1.3, between Prospect Park Borough, Delaware County, PA and Tincum Township, Delaware County, PA. Construction activities will begin on March 11, 2024, and are expected to finish on July 12, 2027. Work will be on-going from 6 a.m. to 6 p.m.; Monday-Saturday. 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.

A tug, a material barge, manlift barges, and support vessels will be operating or stationed in the vicinity of the existing and new bridge structures. For the duration of the construction period, cofferdams will be located within the navigational channel of the bridge reducing the horizontal clearance of the bridge to approximately 45 feet of horizontal clearance. During the work hours, two forty-foot manlift barges and one forty-foot material barge may be located within the reduced navigational channel of the existing and new bridge structures providing access for demolition/construction activities. Vessels may safely transit through the bridge during the work hours if at least a two-hour prior notice is given to the R.E. Pierson Construction Company.

R.E. Pierson Construction Company tug and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The PennDOT Construction Manager may be contacted at (610) 476-7874 and P.E. Pierson Construction Company may be contacted at (609) 743-1617 or (609) 364-7105 or 609-743-7134. Project information may be found at [https://www.penndot.pa.gov/RegionalOffices/district-6/ConstructionsProjectsAndRoadwork/DelawareCounty/Pages/Route-420-\(Wanamaker-Ave.\)-Darby-Creek-Bridge-Replacement.aspx](https://www.penndot.pa.gov/RegionalOffices/district-6/ConstructionsProjectsAndRoadwork/DelawareCounty/Pages/Route-420-(Wanamaker-Ave.)-Darby-Creek-Bridge-Replacement.aspx) .

LNM: 10/24

NJ - PA - WILMINGTON TO PHILADELPHIA - DELAWARE RIVER – BRIDGE INSPECTION

Mariners are advised that an engineering firm, on behalf of the Delaware River Port Authority, will be performing underwater bridge inspections on the I-76 (Walt Whitman) Bridge, at mile 96.8, across Delaware River and the I-676 (Benjamin Franklin) Bridge, at mile 100.2, across the Delaware River, in Philadelphia, PA. The project is scheduled from 7 a.m. to 4 p.m.; Monday-Friday; from July 8, 2024, through August 15, 2024. A 26-foot work vessel and dive team will be in and around the vicinity of the bridge. During the inspection period, during work hours, the 26-foot work vessel and dive team will be located in the navigational channel, adjacent to the bridge fender system of the bridge, which will reduce the horizontal clearance of the I-76 (Walt Whitman) Bridge, to approximately 1574 feet, and will reduce the horizontal clearance of the I-676 (Ben Franklin) Bridge, to approximately 1904 feet, respectively. Inspection personnel, equipment and vessels will relocate from the navigable channel upon request. The work vessel and dive team may be reached on VHF-FM Channels 13 and 16. The onsite project foreman may be reached at 914-261-0912. Mariners are advised to exercise extreme caution when transiting the area.

LNM: 31/24

PA – NJ - WILMINGTON TO PHILADELPHIA - DELAWARE RIVER – BRIDGE MAINTENANCE

Mariners are advised that an engineering firm, on behalf of Delaware River Port Authority, will be performing maintenance on the SR 90 (Betsy Ross) Bridge, over Delaware River, mile 104.8, between Philadelphia, PA, and Pennsauken, NJ. The maintenance will be conducted from 7 a.m. to 5 p.m.; Monday-Saturday; from March 5, 2024, through November 7, 2027. During the maintenance period, work platforms and containment will reduce the vertical clearance of the entirety of the bridge, reducing the vertical clearance of the bridge navigational channel to approximately 136 feet of vertical clearance above mean high water. A safety vessel will be located onsite in the vicinity of the bridge, but will not be in the navigational channel or restrict vessel transits. The safety vessel may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (856)

PA – NJ - WILMINGTON TO PHILADELPHIA - DELAWARE RIVER – BRIDGE MAINTENANCE

979-1593. Mariners should use extreme caution navigating through the area.

LNM: 08/24

PA – NJ - PHILADELPHIA TO TRENTON - DELAWARE RIVER – BRIDGE MAINTENANCE

Mariners are advised that Burlington County Bridge Commission will be performing repairs on the SR 73 (Tacony-Palmyra) Bridge, at mile 107.2 over the Delaware River, between Tacony PA, and Palmyra, NJ, from May 20, 2024, through September 23, 2024. To facilitate repairs to the bottom of the lower chord (steel members) on the bascule leaves, a platform will be located on and around the vicinity of the bridge for the entirety of the maintenance period. The platform will reduce the vertical clearance of the bridge by approximately 2 feet to approximately 48 feet above mean high water. Vessels able to pass through the bridge in closed position may do so at any time. The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.716. All mariners should use caution when transiting the area. The drawbridge tender may be reached VHF-FM channel 13 and (609) 922-2843. Mariners should use caution while navigating in the vicinity of the bridge.

LNM: 20/24

NJ - PA – DELAWARE RIVER – PHILADELPHIA AND CAMDEN WATERFRONTS – BRIDGE INSPECTION

Mariners are advised that an engineering firm, on behalf of the New Jersey Turnpike Authority, will be conducting inspections at the I-95 New Jersey/Philadelphia Turn Pike Bridge across the Delaware River, at mile 121.2, between Buck County, PA, and Burlington, NJ. Inspection will begin on September 16, 2024, from 8 a.m. to 4 p.m. through October 11, 2024. To facilitate the inspection, a safety boat will be operating in the vicinity of the bridge inside and outside of the main navigation channel. The safety boat may be reached on VHF-FM channel 13 and 16. Mariners should use extreme caution when transiting the area.

LNM: 31/24

PA - NJ – UPPER DELAWARE RIVER – DREDGING OPERATIONS

Seaward Marine Corp. will be conducting dredging operations in the Upper Delaware River between Edgewater Range and Florence Range starting July 1, 2024 to January 1, 2025. Mariners are requested to notify the Dredge Carolyn Skaves 30 minutes prior to transiting the area that the dredge is working in, to make passing arrangements. The Dredge Carolyn Skaves can be contacted via VHF radio channel 13, or by phone at 757-837-7620. Mariners are reminded to transit the area with caution.

LNM: 27/24

DE – NJ – SMYRNA RIVER TO WILMINGTON – DELAWARE RIVER – GEOTECHNICAL SAMPLING

Ocean Surveys is preparing to start marine geotechnical survey on the Delaware River. The investigation, that will be weather dependent, is planned during the period 12 - 20 August 2024, 0600 to 1800. Surveys will be conducted from the OSI vessel, R/V CanDu by a two-man field crew equipped with a Vibratory Coring Unit. In order to sample, the vessel will be anchored via a multi-point anchor spread and unable to move. Survey will be along survey route crossing the Delaware River between the Augustine Wildlife Area to the west and the Hope Creek Generating Station to the east, Survey route between approximate positions:

39°27'05.19"N/ 75°34'54.14"W - 39°28'15.83"N/ 75°32'34.36"W.

LNM: 31/24

DE – SMYRNA RIVER TO WILMINGTON – DELAWARE CITY COOLING WATER INTAKE CHANNEL DREDGING

All mariners please be advised that maintenance dredging of the Delaware City Cooling Water Intake Channel located at the Delaware City Refinery will commence on or about July 9, 2024, and continue until August 30, 2024. Dredging will be conducted in the following approximate GPS positions latitude 39°35'06.0" N, longitude 75°37'08.0"W, and latitude 39°35'23.0" N, longitude 75°35'48.0" W. Dredging will be conducted 24 hours a day in three 8-hour shifts, Monday through Saturday. The Dredge Montgomery will monitor VHF radio channels 13 & 16. Mariners are advised to transit the area with caution.

LNM: 28/24

DE - CHRISTINA RIVER - BRIDGE REMOVAL

Mariners are advised that an engineering firm, on behalf of Delaware Department of Transportation, will be performing bridge removal on the South James Street Bridge, over Christina River, mile 7.5, at Newport, DE. The maintenance will be conducted from 7 a.m. to 3:30 p.m.; Monday-Friday; from July 1, 2024, through September 9, 2024. A cofferdam will be located within the navigational channel of the bridge and will reduce the horizontal clearance of the bridge to approximately 43 feet. The project foreman can be reached at (302) 373-5685 or (302) 607-8329. Mariners should use caution navigating through the area.

LNM: 27/24

DE – PHILADELPHIA AND CAMDEN WATERFRONTS – FISHER POINT RANGE – DIVING AND PILE DRIVING PROJECT

Ballard Marine Construction will begin Fisher Point Range Project to rebuild the ranges. Project is expected to start on July 8, 2024 and continue to January 1, 2025. Several barges will be in the vicinity and all marine equipment will monitor VHF – CH 13, 16, & 79. Hours of operation will be Monday thru Saturday from 0600-1800. Mariners are requested to use caution and reduce wake when transiting the area.

LNM: 27/24

DE - CAPE MAY TO FENWICK ISLAND – INDIAN RIVER INLET – MARINE CONSTRUCTION

A construction firm, on behalf of the U.S. Army Corps of Engineers, will be using a large land-based crane to place rocks in the water near the wall on the north side of Indian River Inlet, west of the Charles W. Cullen Memorial bridge, adjacent to the Delaware Seashore State Park North Campground, in Bethany Beach, DE. This rock laying project is in conjunction with the repair work being done on the existing wall. Work hours will be from 7 a.m. to 7 p.m. Monday through Thursday until September 30, 2024. Mariners are urged to stay a safe distance away from the work area during work hours and transit the area with caution.

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

LNM: 26/24

MD – POCOMOKE AND TANGIER SOUND - TANGIER SOUND – SURVEY OPERATIONS

eTrac will be conducting hydrographic survey in Tangier Sound, MD. The survey area also includes sections of the Nanticoke, Wicomico, Manokin, and Big Annemessex Rivers. Survey operations are approximately June 20, 2024 through October 30, 2024. The survey will be conducted by the R/V

MD – POCOMOKE AND TANGIER SOUND - TANGIER SOUND – SURVEY OPERATIONS

Thunder, Current, and Pulse. Survey operations of R/V Thunder will be 24 hours daily. Survey operations of Current and Pulse will be restricted to daylight hours. The vessels will be equipped with sensitive sonar and are restricted in their ability to maneuver during survey operations. ACPA of 0.5 nautical mile is requested for all vessels. Mariners are requested to transit the area with caution. Concerned mariners can contact the survey vessels on VHF/FM channels 9 and 16. Questions/concerns should be directed to Ryan Cross, Operations Manager. +1907-982-8212 or by email to ryan.cross@woolpert.com.

LNM: 26/24

******MD – EASTERN BAY AND SOUTH RIVER – RHODE RIVER – SHORE LINE PROTECTION PROJECT******

Edwin A. and John O. Crandell, Inc. will be conduction shoreline protection along the eastern side of Cheston Point at the mouth of the Rhode River just off the West River on or about August 12, 2024 until December 31, 2024. Crandell will be using Tug "Big C Too", Excavator Barge and numerous other support barges and equipment in the rough vicinity Latitude 38°51'54.64"N, Longitude - 76°31'7.89"W. Tug and barge operations will be traveling in and out Rhode River. Mariners are urged to use caution when transiting the area and reduce to a no-wake speed in the vicinity of the equipment for worker safety. Barges will be anchored in the areas. Edwin A. and John O. Crandell, Inc can be contacted via phone at 410-867-0200 or on cell 410-991-2376.

LNM: 32/24

MD – CHESAPEAKE BAY – CHOPTANK RIVER AND HERRING BAY-CAMBRIDGE - CAMBRIDGE CREEK – TEMPORARY BRIDGE DEVIATION

Mariners are advised that the highway drawbridge – SR 795/SR 342 (Market Street) Bridge, over Cambridge Creek, mile 0.1, at Cambridge, MD, will be maintained in the closed-to-navigation position to facilitate a bridge inspection of the bridge bascule spans. The bridge will remain in the closed position from 8 a.m. through 5 p.m.; Monday-Friday; from August 5, 2024, through August 9, 2024, with alternative work dates from 8 a.m. through 5 p.m.; Monday-Friday; from August 12, 2024, through August 16, 2024. A work boat will be located in and around the vicinity of the bridge. During the work hours, the work vessel will be located within the navigational channel of the bridge which will reduce the horizontal clearance of the bridge to approximately 26 feet of horizontal clearance. Vessels able to safely pass through the bridge in the closed position and during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge in the closed position and during periods with a reduced horizontal clearance may transit through the bridge, if at least a thirty-minute prior notice is given to the project foreman. The bridge will not be able to open for emergencies. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. The work vessel may be contacted on VHF-FM Channel 13. The project foreman may be contacted at (575) 571-0472 or (410) 608-8828. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.5. Mariners should adjust their transits accordingly and should use caution when transiting the area.

LNM: 30/24

MD – CHESAPEAKE BAY – SEVERN RIVER - US 50 SEVERN RIVER BRIDGE MAINTENANCE

Mariners are advised that Maryland State Highway Administration will be performing maintenance on the US 50/301 Bridge across Severn River, mile 4.3 in Arnold, MD between Thursday, July 25, 2024, through Wednesday, August 7, 2024. from 7 a.m. to 5:30 p.m. The bridge maintenance will not impede vessel traffic through the main channel. Interested mariners can contact the contractor at 443-977-5957. All mariners should use caution when transiting the area. 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.

LNM: 30/24

MD- COVE POINT TO SANDY POINT – HACKETT POINT – REEF BUILDING

The Maryland Department of Natural Resources Artificial Reef Program will be placing concrete bridge sections at the Hackett Point artificial reef site, approximately 1 mile east of Hackett Point, Anne Arundel County. On deployment days there will be a crane and material barge spudded down at or around 38° 59.403' N, 76° 24.032' W. The Maryland DNR Artificial Reef Coordinator will be on site to monitor the deployment and can be reached at Michael.Malpezzi@maryland.gov. Deployment will be continue until the end of the year.

LNM: 29/24

MD – BALTIMORE HARBOR – NORTHWEST HARBOR – PIER CONSTRUCTION

Mclean Contracting Company will be conducting pier demolition and replacement of existing pier in Baltimore Harbor’s, Northwest Harbor at the Domino Sugar Refinery Plant. Project center point: 39.2754899278648, -76.59398 Work will be conducted from July 15, 2024 to November 15, 2024, 24 hours, 7 days per week. Some of the following equipment will be on scene during the project:

- 1) – 50’ x 18’ x 8’ Tugboat 'Megalodon'
- (1) – 49.5’ x 19’ x 7’ Tugboat 'Captain Kenn
- (1) – 140’ x 70’ x 12.5’ Permanently-Mounted Floating Crane 'Baltimore'
- (1) – 120’ x 40’ x 8’ Spudded Floating Barge 'SC1

Marine equipment will be spud in location and marking in accordance with CG regulations. Marine equipment will monitor VHF- CH 74.

LNM: 27/24

MD – HEAD OF CHESAPEAKE BAY – SUSQUEHANNA RIVER – DEMOLITION ACTIVITIES

Mariners are advised that a construction company, on behalf of Maryland State Highway Administration, is starting demolition of ten old bridge piers in the vicinity of the Conrail Bridge, across Susquehanna River, mile 1.0, between Harve de Grace and Perryville, MD. Phase 1 installation of bird deterrent netting system begins 7 a.m. to 5:30 p.m. from February 5, 2024, through March 8, 2024. Phase 2 demolition of ten bridge piers begin 7 a.m. to 5:30 p.m. from June 17, 2024, through October 31, 2024. All work being completed will be outside the navigation channel. The waterway will remain open to navigation. The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.575. All mariners should use caution when transiting the area.

LNM: 20/24

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

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

the platforms and barges at the work site. For more information, visit www.nicemiddletonbridge.com or call 888-994-1415.

LNM: 18/21

MD - VA – POTOMAC RIVER – LOWER CEDAR POINT TO MATTAWOMAN CREEK – BRIDGE DEMOLITION OPERATIONS

Demolition of the old Harry W. Nice / Thomas "Mac" Middleton (US 301) Bridge on the Potomac River between Newburg, MD and Dahlgren VA, just south of the new bridge, is scheduled to continue into late 2024. Project vessels and barges will be working under and adjacent to the old bridge potentially 24 hours per day, 7 days per week. Construction vessels may be crossing or positioned adjacent to the federal navigation channel. Barges and/or floating boom may delineate active demolition areas outside of the Federal Channel that should be avoided by mariners due to active sensitive work including heavy equipment and divers. Interested mariners can contact Mr. Mike Baker at (443) 286-1780 or Mr. Daniel Francis at (757) 375-3960, or the vessels SEAWARD 23, MISS STACY M, or MISS ILA via marine band radio VHF-FM channels 13 and 16 when actively working on the river for information/coordination. When transiting this area at any time, mariners are reminded to heed the 6-knot speed limit established by the State of Maryland so wake does not affect the crane barges and endanger workers at the work site.

LNM: 25/24

DC – POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGETOWN – ANACOSTIA RIVER

Construction of the new Frederick Douglass Memorial (South Capitol Street) Bridge and demolition of the old bridge across the Anacostia River in Washington, DC continues into 2023. The federal navigation channel east of the original center pier, approximately 150 feet wide, remains available for navigation. Exclusion buoys labelled "DANGER" mark the ongoing bridge demolition in the Federal Channel. In addition, lit temporary piles are positioned around the old, submerged pier. Mariners are urged to use extreme caution when transiting the area, and to operate at minimum speed necessary to maintain safe course through the work site.

LNM: 04/23

DC – POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGETOWN – ANACOSTIA RIVER

Mariners are advised that an engineering firm, on behalf of Washington Area Metro Transit Authority (WMATA), will be performing maintenance on the WAMATA Railroad Bridge, over Anacostia River, mile 4.7, at Washington, DC. The maintenance will be conducted from 6:30 a.m. to 3:30 p.m. Monday-Friday and from 10 p.m. to 6 a.m. from 10 p.m. on Saturday to 6 a.m. on Sunday; from May 13, 2024, through November 20, 2024. Several work barges and work boats will be located in and around the vicinity of the bridge. During the duration of the maintenance period one work barge will be located in the navigational channel of the bridge reducing the horizontal clearance of the bridge to approximately 94 feet. Vessels that can safely transit through the bridge during periods with a reduced vertical clearance may do so at any time. Maintenance personnel, equipment and vessels will not be able relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at 202-365-8932. Mariners should use extreme caution while navigating through the area.

LNM: 18/24

VA – ATLANTIC OCEAN – WALLOPS ISLAND – ROCKET LAUNCH

The Launch Director, National Aeronautics and Space Administration - Wallops Flight Facility, Wallops Island, Virginia, has advised that the area in the Atlantic Ocean within the existing Danger Zone off Wallops Island and Chincoteague Inlet (depicted as 334.130) as shown on National Ocean Service Chart, will be hazardous to navigation because of a rocket launch during the periods and times.

The test windows are:

Primary: August 13, 2024 from 05:45AM to 10:30AM.

Alternate: August 14, 2024 from 05:45AM to 10:30AM.

Alternate: August 15, 2024 from 05:45AM to 10:30AM.

Alternate: August 16, 2024 from 05:45AM to 10:30AM.

Public ship avoidance area are in effect and bound by:

7.13 nautical miles hazard area approximately 5.9 nautical miles east of pad 2 at centerpoint position 37-47.69N/075-22.16W.

15.07 nautical miles hazard area approximately 23.1 nautical miles east of pad 2 at centerpoint position 37-42.71N/ 075-00.98W.

32.08 nautical miles hazard area approximately 56.7 nautical miles east of pad 2 at centerpoint position 37-28.53N/ 074-22.64W.

During the launch window, contact Wallops Plot via Marine Band (VHF) 12 and 22, or land line 757-824-1685. Outside the launch window, contact Surveillance Coordinator (SC) Jordan West 757-824-2949 or Launch Director John Dickerson 757-894-2094.

See ENC 8.

LNM: 31/24

******VA – SEACOAST – CAPE MAY TO CAPE HATTERAS - COASTAL VIRGINIA OFFSHORE WIND ACTIVITIES – SAFETY ZONE******

Coastal Virginia Offshore Wind (CVOW) has begun installation of 179 wind turbine generators and substations and will continue till December 2026. During construction activities, the M/V ORION will load multiple monopile foundations from the project staging area at Portsmouth Marine Terminal and then transit to the build site, approximately 27nm offshore, where installation of the monopiles foundations (stage 1) will begin.

The Coast Guard has established 179 temporary 500-meter safety zones around the construction of the 179 structures. Safety zones will only be enforced during active construction activities, generally for a period lasting approximately 48 hours or less. There may be periods of time where active construction activities may be taking place at multiple target locations simultaneously. Active construction activities will be evident by the presence of the M/V ORION and/or associated attending vessels conducting operations in support of previously installed monopiles.

Once installed, the monopiles will be marked with temporary navigational lighting to assist in safe navigation. The temporary lighting will be present for as long as 12 months, until the installation and commissioning of the final Aids to Navigation system.

Mariners should review the LNM for forecasted scheduled activities, and section VIII – Light List Corrections for updated completed stages, temporary lighting characteristics, and eventual final lighted and markings.

Active construction activities will be focused within 3 nm radius of center point 36-54-17.356N, 075-22-56.281W.

LNM: 32/24

VA – HAMPTON ROADS – THIMBLE SHOAL CHANNEL – ELIZABETH RIVER – VESSEL TRANSITS

In support of the Coastal Virginia Offshore Wind project, the M/V ORION (IMO No. 9825453) will be making frequent port calls in and out of the Portsmouth Marine Terminal in Portsmouth, VA. The vessel will be entering port in an unloaded condition, and departing port loaded with 6 approximately 300' long monopiles loaded transversely on the vessel. Anticipate these transits occurring approximately once a week during the

VA – HAMPTON ROADS – THIMBLE SHOAL CHANNEL – ELIZABETH RIVER – VESSEL TRANSITS
construction season from May 1 2024 to October 31, 2024.

LNM: 18/24

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

On or around March 14, 2024, Coastal Management Group will be mooring 3 deck barges SSW of Fort Wool as a temporary habitat for nesting 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 David Oshman (757) 449-8581 doshman@cmgroupva.com. Barges will remain until approximately October 2024.

Chart 12222

LNM: 07/24

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@hrpjv.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>.

Chart 12222

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, 2025. 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 and channels 67 & 71 while operating in the project area. To reach an on-scene manager, call Hampton Roads Connector Partners at 757-703-6060 and the call will be forwarded to an On-Call Hampton Roads Connector Partners Marine contact. You may also contact Hampton Roads Connector Partners via email at MarineOps@hrpjv.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>.

Chart 12222

LNM: 23/21

VA – NORFOLK HARBOR AND ELIZABETH RIVER – ELIZABETH RIVER – SAFETY ZONE

Mariners are advised the US Coast Guard will enforce a 100-yard safety zone around the M/V DALI while it is moored within the Port of Virginia. No vessels may enter the safety zone without permission from the US Coast Guard. For all concerned mariners the US Coast Guard may be contacted on VHF-FM channel 16.

VA – NORFOLK HARBOR AND ELIZABETH RIVER – ELIZABETH RIVER – SAFETY ZONE

LNM: 26/24

VA – NORFOLK HARBOR AND ELIZABETH RIVER – ELIZABETH RIVER – LAMBERT’S POINT – DREDGE OPERATION

Mechanical dredging operations on behalf of Norfolk Southern Railway Company will commence on or about July 15, 2024 at Lambert’s Point in Norfolk on the Elizabeth River. Loaded scows will be towed from the work area Pier 6 to the Unloader barge located at Shirely’s Plantation (Weanack Island).

The Dredge KOKO V will perform the 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 until the estimated completion date of September 30, 2024.

LNM: 29/24

******VA – CHESAPEAKE BAY ENTRENCE – WOLF TRAP TO SMITH POINT – SEDIMENT SAMPLING******

Between 13 August and 22 August 2024, EA Engineering, Science, and Technology, Inc., PBC (EA) will be conducting sediment sampling operations in and around the Cape Henry, York Spit and Rappahannock Shoal Channels in Virginia. Work will be performed during daylight hours aboard the R/V Virginia, a 93-foot research vessel owned and operated by Virginia Institute of Marine Science. The R/V Virginia will be conducting sediment sampling operations in the approach channels using grab sampling techniques. During the sediment sampling operations, the vessel will be anchored using a dynamic position system but may still have restricted maneuverability and requests a slow bell and no wake. The R/V Virginia will be monitoring VHF channels 13 and 16 and can be reached directly via cell phone by contacting Mr. Michael Durban (609-332-0534) or Ms. Kiersten Miller (239-405-3611).

LNM: 32/24

VA - CHESAPEAKE BAY - NORFOLK HARBOR AND ELIZABETH RIVER - EASTERN BRANCH – BRIDGE TEMPORARY DEVIATION

Mariners are advised that the Norfolk Southern Corporation will be performing bridge maintenance on the railroad drawbridge – Norfolk Southern Railroad (#V2.8) Bridge across the Elizabeth River-Eastern Branch, mile 2.7, at Norfolk, VA. The maintenance will be conducted from 6 a.m. to 7 p.m. from July 30, 2024, through August 20, 2024.

To facilitate bridge maintenance of the mechanical and electrical systems of the bridge swing span, the bridge will be maintained in the closed-to-navigation position and will remain in the closed-to-navigation position, 24 hours a day; 7 days a week; from 7 a.m. on August 6, 2024, through 7 a.m. on August 13, 2024.

A rail crane will be located on the bridge to provide access for the maintenance. Vessels able to pass through the bridge in the closed position may do so at any time. The bridge will not be able to open for emergencies. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.1007(a). Mariners should adjust their transits accordingly and should use caution when transiting the area.

LNM: 30/24

VA - NORFOLK HARBOR AND ELIZABETH RIVER - ELIZABETH RIVER-EASTERN BRANCH – BRIDGE MAINTENANCE

Mariners are advised that an engineering firm, on behalf of Virginia Department of Transportation, will be performing bridge maintenance on the I-264 (Berkeley) Bridge, across the Elizabeth River-Eastern Branch, mile 0.4, at Norfolk, VA. The maintenance which began July 2023, will continue to be conducted from 7 a.m. to 3:30 p.m.; 7 days a week; through September 30, 2024. A 40-foot crane barge and a 25-foot tug will be located in and around the vicinity of the bridge. During the work hours, the crane barge will be located in the navigational channel, adjacent to the fender system, which will reduce the horizontal clearance of the bridge to approximately 100 feet. Vessels that can safely transit through the bridge during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge during periods with a reduced horizontal clearance may safely transit through the bridge, if at least a thirty-minute prior notice is given to the bridge tender. Maintenance personnel, equipment and vessels will relocate from the moveable span and navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (757) 846-0501 or 703-499-7121. Mariners should use extreme caution navigating through the area.

LNM: 28/24

******VA – JAMES RIVER – JAMESTOWN ISLAND TO JORDAN POINT – DREDGE OPERATIONS******

Cottrell Contracting Corporation of Chesapeake, Virginia advises that the Dredge Lexington will be conducting dredging operations on the James River (Dancing Point- Swann Point Channels) between James River Channel Lighted Buoy 57 (LLNR 12200) and James River Channel Lighted Buoy 66 (LLNR 12250). The dredge and attendant equipment will be operating between August 14, 2024 and October 14, 2024. Prior to approach, the Dredge can be reached via VHF Radio Channels #13 and #16. For emergency the dredge operator can be contacted at phone number 757-635-2578.

LNM: 32/24

VA - JAMES RIVER - JORDAN POINT TO RICHMOND – DREDGE OPERATIONS

Mechanical dredging operations on behalf of AdvanSix will commence on or about June 9, 2024 at AdvanSix in Hopewell on the James River. Loaded scows will be towed from the work area by Poythress Run to the Unloader barge located at Shirely’s Plantation (Weanack Island). 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 perform the 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 until the estimated completion date of August 17, 2024.

LNM: 19/24

******VA – NORFOLK TO ALBEMARLE SOUND - ALBEMARLE AND CHESAPEAKE CANAL - GREAT BRIDGE LOCK – NORTH LAND SPECIAL BRIDGE OPERATING SCHEDULE ******

Mariners are advised that the highway drawbridge – S165 (North Landing Bridge) over North Landing River, mile 20.2, at Chesapeake, VA, is not capable of normal operation, due to mechanical and electrical degradation, and has been placed on a special operating schedule from May 10, 2024, through October 31, 2024.

The north (Virginia Beach) span of the bridge is fully operational, and the south span of the bridge has limited operational capabilities. The north (Virginia Beach) span will open every half-hour from 6 a.m. to 7 p.m. for all vessels, on demand at all times for commercial traffic, and on demand from 7:01 p.m. to 5:59 a.m. for all vessels. The bridge will provide a horizontal clearance of approximately 38 feet with the north span open and the south span closed. Both spans will open on demand to accommodate vessels with a beam of greater than 35 feet and daily at 10 a.m.

******VA – NORFOLK TO ALBEMARLE SOUND - ALBEMARLE AND CHESAPEAKE CANAL - GREAT BRIDGE LOCK – NORTH LAND SPECIAL BRIDGE OPERATING SCHEDULE ******

At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations 117.1021. Mariners should adjust their transits accordingly and should use extreme caution when transiting the area.

LNM: 20/24

VA – NORFOLK TO ALBEMARLE SOUND – DEEP CREEK (VIA DISMAL SWAMP CANAL) - BRIDGE REPLACEMENT

Mariners are advised that a construction firm, on behalf of the U. S. Army Corps of Engineers (USACE), has commenced construction activities for replacement of the highway drawbridge – Deep Creek Bridge across Dismal Swamp Canal (Atlantic Intracoastal Waterway), mile 11.1, at Chesapeake, Virginia. Construction which began in September 2023, is expected to be finished in September 2026. Sheet pile cofferdams to support installation of the new bridge bascule span and rest piers will be installed behind the existing/proposed fender system outside the navigable channel. No restrictions will be placed in the navigation channel, except during several planned full closures to be scheduled between the fall of 2024 and spring of 2026. Construction equipment on scene includes excavators, crane barges, land cranes, and other construction equipment. Communications with the bridge tender will be maintained on VHF-FM channel 13. Detailed information will be provided via updated local notice to mariners, broadcast notice to mariners, and/or marine safety information bulletins. Vessels should use caution when transiting the area. For questions or concerns, please contact the Atlantic Intracoastal Water Way Project Manager, Zack Ware from the Army Corps of Engineers Norfolk District at (757) 633-5749 or Zachary.t.ware@usace.army.mil.

LNM: 39/23

NC – CURRITUCK BEACH TO WIMBLE SHOALS – OREGON INLET – HAZARD TO NAVIGATION

Mariners are advised that the North Carolina Department of Transportation (NCDOT) has identified three partially submerged bents of concrete piles from the old Bonner Bridge. These piles are on the northeastern side of the bridge in 8 ft to 12 ft of water near Bodie Island. The piles have become uncovered due to ongoing erosion and changes in shoreline conditions. The tops of the piles are 2 ft to 4 ft below the water at Mean High Water (MHW). Mariners are urged to exercise caution when in vicinity of these piles. NCDOT has marked these piles with temporary inflatable buoys. Piles are in approximate positions: 35-46.75N, 075-32.66W, 35-46.75N, 075-32.65W, and 35-46.74N, 075-32.65W.

LNM: 12/24

NC – PAMLICO RIVER – BATH CREEK – BRIDGE MAINTENANCE

Mariners are advised a construction company, on behalf of North Carolina Department of Transportation, will begin maintenance on the highway fixed bridge – Ray S. Brooks (SR 92) Bridge over Bath Creek, mile 2.1, at Bath, NC. Construction activities begin August 19, 2024 and are expected to finish August 23, 2024. Work will be ongoing during daylight hours only; Monday-Sunday. Detailed project information and information concerning waterway impacts will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. The construction project consists of repairs on multiple bridge piers. Repairs consist of application of shotcrete to the piers using a snooper truck from the bridge deck for access. There will be no barge or equipment in the main navigational channel therefore there will be no impact to the main navigational channel opening. Work will be conducted during daylight hours and weekdays only however any barge and/or equipment will have lighting during nighttime hours. The project foreman may be contacted on VHF-FM channel 13 and project inspector can be contacted at (252) 907-0040. All mariners should use caution when transiting the area and transit with slow wake in the vicinity of the bridge work.

LNM: 31/24

******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 Cahogue Creek into the Neuse River located at the Mouth of Hancock Creek), Piney Island (BT-11), and Brandt Island (BT-9): 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.

LNM: 50/22

******NC – NEW RIVER – CAMP LEJEUNE - NOTICE OF LIVE FIRING AND TRAINING 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.

1. The restricted areas in the Atlantic Ocean east of the New River Inlet as shown on National Ocean Service Chart US5NC14M, will be closed to navigation up to 15 nm seaward because of firing exercises during the following periods:

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 US5NC14M, may be closed to navigation because of firing exercises during the following periods:

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

******NC – NEW RIVER – CAMP LEJEUNE - NOTICE OF LIVE FIRING AND TRAINING EXERCISES******

4. 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.
5. 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.
- 5A. 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.
6. 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.

LNM: 20/24

NC – ATLANTIC INTRACOASTAL WATERWAY (AICW) – NORTH CAROLINA CUT

Mariners are advised that a construction firm, on behalf of U. S. Marine Corps. Base Camp Lejeune, will continue to construct a new bridge to replace the Onslow Beach Swing Bridge across the Atlantic Intracoastal Waterway, mile 240.7, at Camp Lejeune, NC. Construction activities which began in October 2022, are expected to finish in February 2025. The new bridge will remain open to navigation. The navigational channel of the bridge will be unrestricted at all times. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway.

LNM: 28/24

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.

LNM: 40/20

******VA – NORFOLK TO ALBEMARLE SOUND - ALBEMARLE AND CHESAPEAKE CANAL - GREAT BRIDGE LOCK – TEMPORARY ADJUSTED LOCK SCHEDULE******

Effective immediately, repairs to restore the Great Bridge Lock in Chesapeake, Virginia, have been completed and the lock is in normal operational condition. The adjusted lock operation schedule has been lifted and vessels can now be locked through during all phases of the tidal cycle.

LNM: 32/24

SECTION VIII - LIGHT LIST CORRECTIONS

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
321.18	COASTAL VIRGINIA OFFSHORE WIND WTG F10	36-55-52.376N 075-22-14.992W	Q Y	15		Gray monopile.	Wind turbine under construction. Private Aid.	32/24
*	*	*	*	*	*	*	*	
321.2	COASTAL VIRGINIA OFFSHORE WIND WTG F11	36-55-52.547N 075-21-18.965W	Q Y	15		Gray monopile.	Wind turbine under construction. Private Aid.	32/24
*	*	*	*	*	*	*	*	
321.52	COASTAL VIRGINIA OFFSHORE WIND WTG G10	36-54-56.873N 075-22-07.852W	Q Y	15		Gray monopile.	Wind turbine under construction. Private Aid.	32/24
*	*	*	*	*	*	*	*	
321.84	COASTAL VIRGINIA OFFSHORE WIND WTG H08	36-54-00.976N 075-23-52.763W	Q Y	15		Gray monopile.	Wind turbine under construction. Private Aid.	32/24
*	*	*	*	*	*	*	*	
593	<i>Nags Head Research Lighted Data Buoy A</i>						Remove from list.	32/24
8230.18	FORT MCHENRY CHANNEL BRIDGE LIGHT A						Remove from list.	32/24
8230.2	FORT MCHENRY CHANNEL BRIDGE LIGHT B						Remove from list.	32/24
8235	<i>Fort McHenry Channel Lighted Buoy 3</i>	39-12-42.075N 076-31-28.568W	Fl G 4s		5	Green.		32/24
8236.8	<i>Hawkins Point Temporary Alternate Channel Lighted Buoy 1A</i>		*			*	Remove from list.	32/24

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
8236.84	Hawkins Point Temporary Alternate Channel Lighted Buoy 3A						Remove from list. *	32/24
8236.88	Hawkins Point Temporary Alternate Channel Lighted Buoy 5A						Remove from list. *	32/24
8236.9	Hawkins Point Temporary Alternate Channel Lighted Buoy 6A						Remove from list. *	32/24
8236.92	Hawkins Point Temporary Alternate Channel Lighted Buoy 7A						Remove from list. *	32/24
8236.94	Hawkins Point Temporary Alternate Channel Lighted Buoy 8A						Remove from list. *	32/24
8236.96	Hawkins Point Temporary Alternate Channel Lighted Buoy 9A						Remove from list. *	32/24
11260	CSX PIER 15 LIGHTS (2)						Remove from list. *	32/24
11265	CSX PIER 14 LIGHTS (2)						Remove from list. *	32/24
14983	Broad Creek Channel Buoy 6A	37-33-42.151N 076-18-50.460W				Red nun.		32/24
20092	Little Magothy River Buoy 1LM	* 39-02-57.880N 076-25-42.300W				Green can.	Private Aid.	32/24
20092.01	Little Magothy River Buoy 2	* 39-02-58.280N 076-25-43.410W				Red nun.	Private Aid.	32/24
20092.02	Little Magothy River Buoy 3	* 39-02-49.300N 076-25-45.140W				Green can.	Private Aid.	32/24
20092.03	Little Magothy River Buoy 4	* 39-02-49.530N 076-25-45.790W				Red nun.	Private Aid.	32/24
20092.04	Little Magothy River Buoy 5	* 39-02-37.230N 076-25-49.130W				Green can.	Private Aid.	32/24
20092.05	Little Magothy River Buoy 6	* 39-02-37.330N 076-25-49.730W				Red nun.	Private Aid.	32/24
		*						

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
20092.06	Little Magothy River Buoy 7						Remove from list.	32/24
							*	
20092.07	Little Magothy River Buoy 8						Remove from list.	32/24
							*	
20870	CURTIS BAY CHANNEL DIRECTIONAL SECTOR LIGHT	39-13-16.229N 076-34-34.786W	Fl W 2.5s (NIGHT)	23 21		On multi-pile structure.	All round White light (Night). Directional Light: F R From 266.8° to 267.6° ALT R W From 267.6° to 268.3° F W (Channel Center Line) From 268.3° to 268.7° ALT G W From 268.7° to 269.4° F G From 269.4° to 270.2°	32/24
			F R AL RW F W AL GW F G					
	*		*	*			*	
26525	CASTLE HARBOR MARINA CHANNEL LIGHT 1	38-59-24.680N 076-16-36.390W	Fl G 4s	12		SG on pile.	Maintained from Apr. 1 to Nov. 1. Private Aid.	32/24
		*						
26530	CASTLE HARBOR MARINA CHANNEL LIGHT 2	38-59-26.370N 076-16-37.220W	Fl R 4s	12		TR on pile.	Maintained from Apr. 1 to Nov. 1. Private Aid.	32/24
		*						
26535	Castle Harbor Marina Buoy 3	38-59-21.690N 076-16-41.520W				Green can.	Private Aid.	32/24
	*	*	*	*	*	*	*	
26535	Castle Harbor Marina Channel Daybeacon 3						Remove from list.	32/24
							*	
26540	Castle Harbor Marina Buoy 4	38-59-23.120N 076-16-43.330W				Red nun.	Private Aid.	32/24
	*	*	*	*	*	*	*	
26540	Castle Harbor Marina Channel Daybeacon 4						Remove from list.	32/24
							*	
26545	Castle Harbor Marina Buoy 5	38-59-19.500N 076-16-45.330W				Green can.	Private Aid.	32/24
	*	*	*	*	*	*	*	
26545	Castle Harbor Marina Channel Daybeacon 5						Remove from list.	32/24
							*	
26550	Castle Harbor Marina Buoy 6	38-59-20.200N 076-16-46.200W				Red nun.	Private Aid.	32/24
	*	*	*	*	*	*	*	
26550	Castle Harbor Marina Channel Daybeacon 6						Remove from list.	32/24
							*	
26555	Castle Harbor Marina Buoy 7	38-59-17.430N 076-16-48.820W				Green can.	Private Aid.	32/24
	*	*	*	*	*	*	*	
26555	Castle Harbor Marina Channel Daybeacon 7						Remove from list.	32/24
							*	

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
26560	Castle Harbor Marina Buoy 8	38-59-18.410N 076-16-49.390W				Red nun.	Private Aid. 32/24
*	*	*	*	*	*	*	*
26560	Castle Harbor Marina Channel Daybeacon 8						Remove from list. 32/24
26700	Davis Creek Entrance Buoy 2	39-07-09.574N 076-10-26.506W				Red nun.	Private Aid. 32/24
*	*	*	*	*	*	*	*
26700	Davis Creek Entrance Daybeacon 2						Remove from list. 32/24
28310	WALTER SLOUGH LIGHT 3	35-47-23.359N 075-34-00.535W	Fl G 4s	15	4	SG on pile.	32/24
30455 40035	SOUTHPORT LIGHT 1	* 33-54-53.182N 078-01-11.303W	Fl G 2.5s	15	4	SG-SY on multi-pile structure.	32/24
		*					

ENCLOSURES

Enclosures

1. Summary of Shoaling.
 2. Summary of Bridge Regulations/Construction/Permits.
 3. Summary of Dredging and Construction.
 4. Summary of Marine Events.
 5. Summary of Offshore Renewable Energy Installations.
 6. Temporary Changes to ATON - Temp Positions.
 7. Reported Unexploded Ordnances (UXO).
 8. Wallops Island Rocket Launch.
 9. Right Whale Slow Zone.
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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 – MANASQUAN INLET – SHOALING

U.S. Coast Guard Sector Delaware Bay is notifying mariners of extreme shoaling on the southern portion of Manasquan Inlet. Mariners are advised to use extreme caution when transiting Manasquan Inlet.

NJ – BARNEGAT INLET – SHOALING

U.S. Coast Guard Sector Delaware Bay is notifying mariners of extreme shoaling at the entrance to Barnegat Inlet. Due to this shoaling Barnegat Inlet Buoy 3 (LLNR 915) and Barnegat Inlet Lighted Buoy 4 (LLNR 925) are unreliable at marking the navigational channel. Mariners are advised to use extreme caution when transiting Barnegat Inlet. See SEC DB BNM 235-22.*

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 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 and SEC DB BNM 196-22*

NJ – BARNEGAT INLET – OYSTER CREEK CHANNEL – SHOALING

Shoaling has been observed between Oyster Creek Channel Buoy 38 (LLNR-1090) and Oyster Creek Channel Buoy 40 (LLNR-1095). Shoaling has encroached between both buoys and within channel boundaries. Mariners are to proceed with caution when transiting the area.*

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 NJICW due to shoaling. The following are some of the locations where the shoaling has been reported:

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Daybeacon 49 (LLNR 36180) based on ACOE Survey December 21, 2022.*

Shoaling reported developing in the vicinity of New Jersey Intracoastal Waterway Junction Lighted Buoy LEI (LLNR 35485).*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Daybeacon 129 (LLNR 35530) and New Jersey Intracoastal Waterway Lighted Buoy 130A (LLNR 35536) based on ACOE Survey May 13, 2024.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Light 141 (LLNR 35575) and New Jersey Intracoastal Waterway Lighted Daybeacon 144 (LLNR 35585) based on ACOE Survey May 14, 2024.*

Shoaling has been reported between New Jersey Intracoastal Waterway Daybeacon 159 (LLNR 35640) and New Jersey Intracoastal Waterway Light 160 (LLNR 35645). At low tide, area is impassable. LNM 11/24.* Shoaling report in the vicinity of New Jersey Intracoastal Waterway Daybeacon 207 (LLNR 35830) and New Jersey Intracoastal Waterway Daybeacon 209 (LLNR 35835) based on ACOE Survey July 11, 2023.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Daybeacon 221 (LLNR 35867) based on ACOE Survey May 20, 2024.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Light 233 (LLNR 35905) and New Jersey Intracoastal Waterway Daybeacon 234 (LLNR 35910) based on ACOE Survey August 24, 2023.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Daybeacon 239 (LLNR 35930) and New Jersey Intracoastal Waterway Daybeacon 243 (LLNR 35945) based on ACOE Survey August 24, 2023.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Daybeacon 245 (LLNR 35945) and New Jersey Intracoastal Waterway Buoy 246 (LLNR 35955) based on ACOE Survey August 24, 2023.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Buoy 263 (LLNR 36007) and New Jersey Intracoastal Waterway Buoy 263A (LLNR 36009) based on ACOE Survey June 4, 2024.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Daybeacon 273 (LLNR 36040) and New Jersey Intracoastal Waterway Buoy 275 (LLNR 36045) based on ACOE Survey June 4, 2024.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Daybeacon 385 (LLNR 36427) and New Jersey Intracoastal Waterway Daybeacon 399 (LLNR 36470) based on ACOE Survey August 23, 2023.*

Shoaling report in the vicinity of New Jersey Intracoastal Waterway Buoy 419 (LLNR 36520) and New Jersey Intracoastal Waterway Daybeacon 429 (LLNR 36550) based on ACOE Survey June 25, 2024.*

NJ – LITTLE EGG INLET – SHOALING

Shoaling has been observed between Little Egg Inlet Buoy 1 (LLNR 1100) and Little Egg Inlet Buoy 4 (LLNR 1115). Shoaling has encroached channel ward in between the aids. Minimal depths observed at low tide 4ft.*

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 Lighted Buoy 8 (1129) is no longer marking best water.*

NJ – LITTLE EGG INLET – SHOALING

Shoaling has been observed between Great Egg Harbor Inlet Buoy 7 (LLNR 1288) and the charted location of Buoy 9 (LLNR 1291) with a MLW depth of 4ft in the channel. See DB BNM 0062-24.*

PENNSYLVANIA SHOALING

DELAWARE SHOALING

DE – DELAWARE BAY – REHOBOTH BAY – SHOALING

Shoaling observed from entrance to Rehoboth-Lewis canal south to Rehoboth Bay Channel Buoy 3 (LLNR 2100), depths 2-4 feet at mean low water. SEC DB BNM 080-21.*

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.*

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.*

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.

DE - INDIAN RIVER CHANNEL – SHOALING

Extreme Shoaling has occurred in the channel on the Indian River from Indian River Channel Daybeacon 64 (LLNR 4551.23) to Indian River Channel Daybeacon 70 (LLNR 4551.23) near Millsboro, DE. This area is inaccessible at low tide and faces a severe hazard to safety. All navigation in this area should use caution as much of the channel has shoaled in with less than 1' MLW average. Shoaling hazard buoys are being placed from Cupola Park entrance and near Marker 68 to denote the worst of the shoaling areas. Signs will be placed at the nearby launching locations to also denote the hazard.*

MARYLAND SHOALING

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

Shoaling - a USACE survey has identified shoaling on the north side of the channel across from Ocean City Inlet Lighted Buoy 11 (LLNR 4755) and ocean city inlet lighted buoy 13 (LLNR 4758), indicating a least depth of 6.6 feet at mean low water. Mariners are advised to use caution in the area.*

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.*

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 - 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.*

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.*

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).

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 3A (LLNR 18810) and extending to St. Jerome Creek Buoy 4 (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.

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.

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 – CHOPTANK RIVER AND HERRING BAY – KNAPPS NARROWS WEST CHANNEL – SHOALING

Shoaling has been observed in the Knapps Narrow West Channel within the channel boundaries between Knapps Narrow West Channel Daybeacon 3 (LLNR 25925) and Knapps Narrow West Channel Daybeacon 5 (LLNR 25931) to a depth of 1 foot at mean low water.
See MD-NCR BNM 0082-23.
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.

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 approximately 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.

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 - CHESAPEAKE BAY - EASTERN BAY AND SOUTH RIVER - CRAB ALLEY BAY - SHOALING

Hazard to navigation - there has been a report of shoaling in Crab Alley Bay approximately 50 yards northwest of Crab Alley Bay Buoy 6, (LLNR 26300), and 200 yards south of Crab Alley Bay Daybeacon 7, (LLNR 26305), in approximate position: 38-55.78n, 076-17.58w to a depth of 2ft at mean low water. SEC MD-NCR BNM 0021-23 LNM 08/23

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.

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.

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.

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.

MD - NORTHEAST RIVER – SHOALING

There has been a report of shoaling in the Northeast River within the channel between Northeast River Buoy 7 (LLNR 27855) and Northeast River 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.

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.

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.

VA – VIRGINIA INSIDE PASSAGE – WACHAPREAGUE CHANNEL – SHOALING

The Coast Guard reports shoaling between Bradford Bay Light 9 (LLNR 6020) and Wachapreague Channel Junction Lighted Buoy WB (LLNR 6695) and between Bradford Bay Light 9 (LLNR 6020) and Bradford Bay Buoy 8 (LLNR 6025). Depths may be less than 1ft and MLW. Mariners should use caution when transiting the area. See SEC VA BNM 141-22.

VA – NANDUA CREEK

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

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 3 foot mean low water.

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.

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

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 - 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.

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 Daybeacon 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 – BROAD CREEK CHANNEL – SHOALING

Norfolk District Army Corp of Engineers survey of Broad Creek Channel indicates shoaling with least depth of 4.5' at MLLW on the northwest (red) side of channel in vicinity of Broad Creek Channel Daybeacon 2 (LLNR 14970), and on the southeast (green) side of the channel with a least depth of 5.3' at MLLW in the vicinity of Broad Creek Channel Wreck Light WR3 (LLNR 14973). Mariners are requested use extreme caution when operating in the vicinity. See SEC VA BNM 0159-23 – LNM 34/23.

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 Toby's Point extending along the eastern side of Toby's Point to North Bend. HR BNM 051-17, LNM 08/17.

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.

VA – CHESAPEAKE BAY TO PINEY POINT – LITTLE WICOMICO RIVER – SHOALING

Shoaling has been reported in Little Wicomico River within the channel Boundaries between Little Wicomico River Light 4 (LLNR 16355) to the south approximately 75 yards towards Little Wicomico River Light 5 (LLNR 16360) to reported depths of three feet at mean low water.

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.

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.

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.

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.

VA – RUDEE INLET – SHOALING

May 7, 2024 survey indicates shoaling starting approximately 140' East to the eastern ends out; eastward, 200' least depth 7.5' MLLW. West starting 70' westward of the eastern end inward for approx. 500' least depth 8.5' MLLW.

NORTH CAROLINA

NC – CAPE HENRY TO PAMLICO SOUND – WANCHESE CHANNEL – SHOALING

Encroaching shoaling is present between Wanchese Channel Buoy 2 (LLNR 28445) and Wanchese Channel Daybeacon 4 (LLNR 28455) extending into channel. NC BNM 0277-24.

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.

NC - HATTERAS INLET - SHOALING

Shoaling exists in various locations throughout Hatteras Inlet Channel to a depth of 2 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.

Shoaling has been observed on ACOE survey in the vicinity of Hatteras Inlet Channel Lighted Buoy16 (LLNR 28750). Depths of 3 feet MLW reported in approximate position: 35-12-07.188N, 075-43-38.916W. NC BNM 268-22.

NC – BARNEY SLOUGH - SHOALING

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.

NC - OCRACOCKE INLET – SHOALING

Shoaling exists 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 – 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.

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 SOUND – NEW RIVER – SHOALING

Shoaling has been observed between Bogue Sound – New River Buoy 66B (LLNR 39243) and Bogue Sound – New River Light 66 (LLNR 39245), south of buoy 66B. Shoaling is reported of less than 4FT MLW and extends into the channel. See SEC NC BNM 0298-22.

Shoaling has been observed in the vicinity of Bogue Sound - New River Buoy 72A (LLNR 39300) and Bogue Sound - New River Buoy 74 (LLNR 39305) depths as low as 4 ft MLW extending into the channel. See SEC NC BNM 0118-24.
Chart 11541

NC – NEW RIVER - NEW RIVER INLET – SHOALING

Significant shoaling has occurred in New River Inlet between New River Inlet Lighted Buoy 1 (LLNR 29655) and New River Inlet Buoy 10 (LLNR 29720) with depths of 3' - 4' MLW present. Due to the shoaling, Buoys 1 through 10 have been temporarily discontinued. Once shoaling has been removed by ACOE dredging, waterway will be re-evaluated and aid will be re-established if sufficient depths are present. See SEC NC Marine Information Bulletin 017-24.

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 found via survey between Bogue Sound Light 6 (LLNR 38815) and Bogue Sound Daybeacon 7 (LLNR 38840). Shoaling encroaching across the channel from the south. SEC NC 0002-24.

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.saw.usace.army.mil/missions/navigation/hydrographic-surveys/aiww>

NC – LENOXVILLE POINT – TAYLOR CREEK – SHOALING

Aids to Navigation in Lenoxville Point have been relocated to mark best available water. Shoaling still exists in the channel in vicinity of Lenoxville Point Buoy 1L (LLNR 34757) through Lenoxville Point Buoy 3 (LLNR 34760) and channel remains very narrow. Users of waterways should observe new route of channel and new locations of shoaling which can be viewed on US Army Corps of Engineers Hydrographic Survey – Taylor's Creek East. See SEC NC BNM 303-22.
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 – NEUSE RIVER – WHITTAKER CREEK

Shoaling has been reported from Whittaker Creek Daybeacon 3 (LLNR 33723) to Whittaker Creek Daybeacon 5 (LLNR 33730). Shoaling is encroaching from western side of channel, expanding roughly 70% of channel width between Whittaker Creek Daybeacon 3 (LLNR 33723) and Whittaker Creek Daybeacon 4 (LLNR 33725). Depths of 3.5' MLLW has been reported. See SEC NC BNM 0439-23. LNM 40/23.
Chart 12200

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 - CAROLINA BEACH INLET – SHOALING

Significant shoaling has been reported in Carolina Beach Inlet in the vicinity of Carolina Beach Inlet Buoy 3 (LLNR 30275) through Carolina Beach Inlet Buoy 7 (LLNR 30295) spanning the width of the channel. Depths of 2'-5' MLW have been reported. SEC NC BNM 368-21 UPDATE 1.
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 – MYRTLE GROVE SOUND TO CASINO CREEK – LOCKWOODS FOLLY INLET

The Coast Guard has temporarily discontinued Lockwoods Folly Inlet Buoy 1 (LLNR 31010) through Lockwoods Folly Inlet Buoy 7 (LLNR 31035) to due shoaling and creating a misleading signal. Lockwoods Folly Inlet Buoy 8 (LLNR 31040) is listed as discrepant, creating a mislead signal. Coast Guard unit will temporarily discontinue them when conditions present a safe operation to do so. Inlet will be reviewed when dredge operations is completed, ACOE survey is conducted, and safe navigable water depths are identified. See Sector North Carolina MSIB 015-24.

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

ENCLOSURE (2)

Updated August 06, 2024

(Yellow indicates new item)

CURRENT PROJECTS

Permits:

SECTOR DELAWARE BAY

- **Delaware**

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

Broadkill River – Bridge 3-155 N&S (SR 1/SR 14/Coastal Highway) – Permit (2-21-5) signed October 14, 2021, for a fixed bridge across Broadkill River, mile 8.08, near Milton, Sussex County, DE with a horizontal clearance of 50 feet and a vertical clearance of 16.5 feet above mean high water. (MT)

Cedar Creek – SR36 Bridge – Drawbridge replacement – Preliminary Navigation Clearance (PNCD) issued on August 23, 2022; vertical clearance of 4 feet above mean high water in the closed position and unlimited vertical clearance above mean high water in the open position with a horizontal clearance of 27 feet. (MT)

- **New Jersey (Central & Southern)**

Oldmans Creek – US Route 130 Bridge - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 15, 2018; vertical clearance of 5 feet above mean high water and a horizontal clearance of 75 feet. (HP)

Raccoon Creek – US 130 (fixed) Bridge - new fixed bridge structure to replace (lift) bridge. Permit (2-15-5) signed December 9, 2015. (KB)

Glimmer Glass - W9 (Brielle Road) Drawbridge – Fixed bridge replacement and drawbridge replacement Preliminary Navigation Clearance Determination (PNCD) issued on October 22, 2019. A fixed bridge replacement will provide a horizontal clearance of 31.9 feet and a vertical clearance of 60 feet above mean high water and a drawbridge replacement will provide a vertical clearance of 9 feet above mean high water in the closed position, unlimited vertical clearance in the open position and a horizontal clearance of 31.9 feet. (MS)

Atlantic Intracoastal Waterway, Middle Thorofare - Ocean Drive Causeway Bridge - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on December 10, 2019; vertical clearance of 80 feet above mean high water and a horizontal clearance of 80 feet. (MB)(HP)

Big Timber Creek – Route 130 Bridge – Permit (4-22-5) signed October 12, 2022, for a fixed bridge across the Big Timber Creek, mile 0.9 between Borough of Westville, Gloucester County and Borough of Brooklawn, Camden County, NJ. The bridge will provide a minimum vertical clearance of 14.73 feet above mean high water and a horizontal clearance of 60 feet centered on the axis of the navigable channel. (MS)

Maurice River – SR 49 (CR 555/Main Street) - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on August 8, 2023; vertical clearance of 3.46 feet above mean high water and a horizontal clearance of 60 feet centered on the axis of the channel. (MT)

Big Timber Creek - SR 47 Bridge - Permit 1-23-5 signed April 19, 2023, for a fixed bridge over Big Timber Creek, mile 1.4, between the Borough of Westville, Gloucester County and Borough of Brooklawn, Camden County, NJ. The bridge will provide a minimum vertical clearance of 14.02 feet above mean high water and a horizontal clearance of 108 feet centered on the axis of the navigable channel. (MT)

- **Pennsylvania**

Schuylkill River – Grays Ferry Pedestrian Bridge – Permit (3-17-5) signed November 27, 2017, for a swing drawbridge replacement with a vertical clearance of 26 feet above mean high water (closed position), unlimited vertical clearance in the open position, and a horizontal clearance of 75 feet in the west navigation span and 65 feet in the east navigation span. Extension of time to October 31, 2024, for completion of construction/removal of existing structure (MT)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **Maryland –**

Potomac River – Governor Harry Nice Memorial Bridge – Permit (1a-20-5) signed June 25, 2020, for a fixed replacement bridge with a vertical clearance of 135 feet above mean high water and a horizontal clearance of 250 feet. The center of the main navigation span of the new bridge will be shifted approximately 115 feet to the west of the center of the current navigation span. (KB)

Neale Sound – MD-254 (Cobb Island Road) Bridge – Permit (1-18-5) signed May 2, 2018, for a fixed replacement bridge with a vertical clearance of 20 feet above mean high water and a horizontal clearance of 55 feet. (HP)

- **Washington DC –**

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

- **Virginia (Northern) –** None.

SECTOR VIRGINIA

- **Virginia (Southern)**

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

Hampton Roads – Permit (5-20-5) signed November 16, 2020, for a fixed bridge replacement of I-64/US 60 (Hampton Roads Beltway) north and south approach bridges for the Hampton Roads Bridge Tunnel (HRBT). North Approach bridge – vertical clearance of 16 feet above mean high water and horizontal clearance of 80 feet; south approach bridge – vertical clearance of 16 feet above mean high water and horizontal clearance of 100 feet. (MT)

Willoughby Bay – Permit (140b-68-5) signed December 22, 2020, for I-64/US 60 (Hampton Roads Beltway/Willoughby Bay) Bridge - fixed bridge modification; vertical clearance of 25 feet above mean high water, horizontal clearance of 50 feet, and width of 168.84 feet (MT)

Blackwater River - Permit (4-20-5) signed July 29, 2020, for a fixed bridge replacement providing a vertical clearance of 35 feet above mean high water and a horizontal clearance of 60 feet. (MS)

Cat Creek - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on May 11, 2021; vertical clearance of 12.8 feet above mean high water and a horizontal clearance of 60 feet. (MS)

Hampton River and East Branch (of the Hampton River):

All interested parties are notified that an application dated February 6, 2024, has been received from the Virginia Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification and replacement of existing highway fixed bridges over navigable waterways of the United States.

WATERWAY AND LOCATION: Hampton River and East Branch (of the Hampton River), mile 1.25, at Hampton, VA.

CHARACTER OF WORK: The proposed project is to widen and rehabilitate the existing bridge structure carrying I-64 westbound traffic and to replace the existing bridge structures with a widened structure carrying I-64 eastbound traffic over the Hampton River and East Branch (of the Hampton River). The piers and piles of the existing bridge structure carrying I-64 westbound traffic will remain and the piers and piles of the existing bridge structures carrying eastbound traffic will be removed to at least two feet below the existing mudline. The purpose of the project is to provide additional roadway travel lanes, provide maintenance for the existing westbound structure's longevity, and to fully replace and widen the aging eastbound bridges.

MINIMUM NAVIGATIONAL CLEARANCES: ^{1 2 3}

(Hampton River): The existing I-64 eastbound bridge has a vertical clearance of 27.34 feet and a horizontal clearance of 81.00 (56.25) feet and the existing I-64 westbound bridge has a vertical clearance of 30.19 (27.34) feet and a horizontal clearance of 56.25 feet.

(East Branch): The existing I-64 eastbound bridge has a vertical clearance of 30.76 feet and a horizontal clearance of 121.20 (50.40) feet and the existing I-64 westbound bridge has a vertical clearance of 40.00 (30.76) feet and a horizontal clearance of 50.40 feet.

(Hampton River): The proposed I-64 eastbound bridge will have a vertical clearance of 30.19 feet and a horizontal clearance of 107.17 (56.25) feet and the proposed I-64 westbound bridge will have a vertical clearance of 30.67 (30.19) feet and a horizontal clearance of 56.25 feet.

(East Branch): The proposed I-64 eastbound bridge will have a vertical clearance of 31.29 feet and a horizontal clearance of 35.35 (22.25) feet and the proposed I-64 westbound bridge will have a vertical clearance of 40.00 (31.29) feet and a horizontal clearance of 41.55 (22.25) feet.

The Coast Guard has decided to issue this public notice for 21 days, given that the proposed I-64 bridges over the Hampton River will provide equal or greater navigational clearances over the existing bridges and that exceed the navigational clearances of the Pembroke Avenue Bridge approximately 0.05 miles upstream from the I-64 bridges over the Hampton River.

A copy of **Public Notice D05PN-02-2024**, which describes the proposal in detail, can be obtained by calling (757) 398-6222 or by viewing at <https://www.navcen.uscg.gov/public-notices-for-bridges-active-by-district?district=5&subdistrict=n>. Comments on this proposal should be forwarded to the address in the notice no later than **February 28, 2024**. (HP)

SECTOR NORTH CAROLINA

- **North Carolina**

The Straits – Harkers Island Bridge – Fixed replacement bridge - Permit (2-20-5) dated September 30, 2020, vertical clearance of 45 feet above mean high water and a horizontal clearance of 125 feet. (HP)

Pamlico Sound – Bridge No. 71 (Rodanthe) Bridge – new fixed bridge carrying NC 12 on the mainland side of the outer bank along the northeastern shore of Pamlico Sound from a position approximately 1.8 miles north of the southern boundary of the Pea Island National Wildlife Refuge to a position north of the Chicamacomico Channel and the emergency ferry terminal in Rodanthe, Dare County, NC. Permit (1-19-5) signed on February 20, 2019. (HP)

Perquimans River – Bridge No. 8 (US17 BUS/NC37) Bridge, Hertford, Perquimans County, NC - new drawbridge to replace existing drawbridge. Permit (6-19-5) signed December 31, 2019. (HP)

Currituck Sound – Proposed new fixed bridge across mid-Currituck Sound, approximately 18 miles north of the Wright Memorial Bridge, between Aydlett (on the mainland) and Corolla (on the Outer Banks), at Currituck County, NC. Preliminary Navigation Clearance Determination (PNCD) issued on February 9, 2021; vertical clearance of 20 feet above mean high water and a horizontal clearance of 40 feet. (MS)

Atlantic Intracoastal Waterway (New Port River – Proposed modified fixed bridge - Newport River Bridge, carrying US 70 over the Atlantic Intracoastal Waterway, mile 203.8, near Morehead City, Carteret County, NC. Preliminary Navigation Clearance Determination (PNCD) issued on October 20, 2022; vertical clearance of 65 feet above mean high water and a horizontal clearance of 80 feet. (MT)

Dawson Creek - SR 1302 (Janeiro Road) Bridge – Proposed replacement fixed bridge preliminary navigation clearance determination (PNCD) with a horizontal clearance of 70 feet and a vertical clearance of 10.89 feet above mean high water. (MS)

Bath Creek - NC 92 (Ray S. Brooks) Bridge, mile 2.1, Bath, Beaufort County, NC – replacement of span 25 (navigation span). Permit 6-23-5 signed on January 19, 2024, vertical clearance of 11.86 feet above mean high water and a horizontal clearance of 37 feet. (AB)

Regulations:

SECTOR DELAWARE BAY

- **Delaware** – None
- **New Jersey (Central & Southern)** –
Rancocas Creek - US Route 543 (Riverside-Delanco) Bridge – To reduce the number of openings during off-peak hours, the bridge will be

¹ Clearances in parenthesis are effective clearances, due to constraints or geography between adjacent structures.

² Vertical Clearances in feet above mean high water at North American Vertical Datum of 1988 (Existing/Proposed)

³ Horizontal Clearances are normal to the axis of the channel.

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 9, 2023, through October 15, 2023. 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. At all other times the bridge will operate per 33 CFR 117.745 (b). (MS)

New Jersey Intracoastal Waterway (NJICW), Inside Thorofare - US40-322 (N Albany Ave) Bridge - To facilitate the 14th Annual Atlantic City Triathlon the bridge will be maintained in the closed-to-navigation position from 6 a.m. through noon on Saturday August 3, 2024. The bridge will be able to open for emergencies, if at least a 15-minute prior notice is given. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.733(h). Mariners should adjust their transits accordingly and should use extreme caution when transiting the area. (MT)

- *Pennsylvania* – None

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- *Washington, DC & Virginia (Northern)*

Potomac River - I-95/I-495 (Woodrow Wilson Memorial Bridge) - New contact number. Any Mariners requesting transit should contact 571-513-3745. (CT)

- *Maryland*

Potomac River - I-95/I-495 (Woodrow Wilson Memorial Bridge) - New contact number. Any Mariners requesting transit should contact 571-513-3745. (CT)

SECTOR VIRGINIA

- *Virginia (Southern)* – None

SECTOR NORTH CAROLINA

- *North Carolina* – None

Construction, et al:

SECTOR DELAWARE BAY

- *Delaware*

Delaware River - Delaware Memorial Bridge – Ongoing bridge painting through July 2024. 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. (CT)

Christina River - South James Street Bridge – Bridge maintenance (removal) will be conducted from 7 a.m. to 3:30 p.m.; Monday-Friday; from July 1, 2024, through September 9, 2024. A cofferdam will be located within the navigational channel of the bridge and will reduce the horizontal clearance of the bridge to approximately 43 feet. The project foreman can be reached at (302) 373-5685 or (302) 607-8329. Mariners should use caution navigating through the area. (MT)

New Jersey (Central & Southern)

Delaware River - Benjamin Franklin Bridge – Bridge maintenance will be performed from July 27, 2020, through December 31, 2024. For the duration of the project, the preferred navigation channel and bridge navigational lighting normally situated over the 410-foot Federal project channel will be shifted to the east approximately 205 feet. The Federal Project channel will remain fully open to traffic; however, the vertical clearance of the channel has temporarily decreased based on the planned scaffolding system (work platform) to be installed. The scaffolding system will be installed over the entire length of the bridge, as detailed below.

Preferred Navigation Channel: A 410-foot scaffolding (work platform) system, with five 82-foot independent work zones, will be installed extending below the bridge approximately 10 inches (.83 feet), thereby reducing the vertical clearance of the bridge within the preferred navigation channel by approximately 10 inches (.83 feet). When in use, a single 82-foot work zone portion of the 410-foot scaffolding (work platform) system will be extended below the bridge approximately 18.5 inches (1.54 feet), thereby reducing the vertical clearance of the bridge within the work zone by approximately 18.5 inches (1.54 feet). The single 82-foot work zone portion of the 410-foot scaffolding (work platform) system in use will be lifted to extend below the bridge approximately 10 inches (.83 feet), thereby reducing the vertical clearance of the bridge within the preferred navigation channel by approximately 10 inches (.83 feet), if at least 48-hour notice is given to Eric.Dovak@Skanska.com.

Outside the Preferred Navigation Channel: Scaffolding will extend below the bridge approximately two feet from the west boundary of the Federal project channel to the center of the Federal project channel (west boundary of preferred navigation channel) and from the east boundary of the preferred navigation channel toward the east abutment approximately 385 feet. West of the west boundary of the Federal project and east of the position approximately 385 feet east of the east boundary of the preferred navigation channel, scaffolding will extend below the bridge approximately three feet.

A safety boat will be in the vicinity of the bridge during bridge maintenance, which may be reached via VHF FM channel 13. Mr. Eric Dovak, contractor's representative, may be reached at Eric.Dovak@Skanska.com or (347) 860-2399. Mariners are advised to exercise caution when transiting the area. (HP)

Delaware River - SR 90 (Betsy Ross) Bridge – Bridge maintenance will be conducted from 7 a.m. to 5 p.m.; Monday-Saturday; from March 5, 2024, through November 7, 2027. During the maintenance period, work platforms and containment will reduce the vertical clearance of the entirety of the bridge, reducing the vertical clearance of the bridge navigational channel to approximately 136 feet of vertical clearance above mean high water. A safety vessel will be located onsite in the vicinity of the bridge but will not be in the navigational channel or restrict vessel transits. The safety vessel may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (856) 979-1593. Mariners should use extreme caution navigating through the area. (MT)

Delaware River - SR 73 (Tacony-Palmyra) Bridge - To facilitate repairs to the bottom of the lower chord (steel members) on the bascule leaves from May 20, 2024, through September 23, 2024. The platform will reduce the vertical clearance of the bridge by approximately 2 feet to approximately 48 feet above mean high water. Vessels able to pass through the bridge in closed position may do so at any time. The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.716. All mariners should use caution when transiting the area. The drawbridge tender may be reached VHF-FM channel 13 and (609) 922-2843. Mariners should use caution while navigating in the vicinity of the bridge. (JW)

New Jersey Intracoastal Waterway (NJICW), Manasquan River - SR 35 (Route 35/Churchill) Bridge - Bridge fender system maintenance will be conducted from 6 a.m. to 4 p.m.; Monday-Saturday; from July 1, 2024, through December 31, 2025. A 60-foot crane barge, a 40-foot material barge, and work vessels will be located in and around the vicinity of the bridge. During the duration of the maintenance period, the 40-

foot material barge will be located adjacent to the bridge fender system within the navigational channel reducing the horizontal clearance of the bridge to approximately 45 feet of horizontal clearance. Vessels that can safely transit through the bridge during periods with a reduced horizontal clearance may do so at any time. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (908) 618-6313. Mariners should use extreme caution navigating through the area. (MT)

Delaware River - I-95 New Jersey/Philadelphia Turn Pike Bridge – Bridge inspection will begin on September 16, 2024, from 8 a.m. to 4 p.m. through October 11, 2024. To facilitate the inspection, a safety boat will be operating in the vicinity of the bridge inside and outside of the main navigation channel. The safety boat may be reached on VHF-FM channel 13 and 16. Mariners should use extreme caution when transiting the area. (JW)

Great Egg Harbor Ship Channel and Drag Channel - Garden State Parkway North and South Bound Bridges – Bridge inspections will be performed between 8 a.m. to 4 p.m., Monday-Friday, from October 21, 2024, through November 1, 2024. They will be utilizing an inspection bucket platform boat and will relocate from the navigable channel if given a 15-minute notice. Vessel may be reached on VHF-FM channel 13 and 16. Mariners should use caution when transiting the area. (JW)

Delaware River - I-76 (Walt Whitman) Bridge – Underwater bridge inspection project is scheduled from 7 a.m. to 4 p.m.; Monday-Friday; from July 8, 2024, through August 15, 2024. A 26-foot work vessel and dive team will be in and around the vicinity of the bridge. During the inspection period, during work hours, the 26-foot work vessel and dive team will be located in the navigational channel, adjacent to the bridge fender system of the bridge, which will reduce the horizontal clearance of the I-76 (Walt Whitman) Bridge, to approximately 1574 feet, and will reduce the horizontal clearance of the I-676 (Ben Franklin) Bridge, to approximately 1904 feet, respectively. Inspection personnel, equipment and vessels will relocate from the navigable channel upon request. The work vessel and dive team may be reached on VHF-FM Channels 13 and 16. The onsite project foreman may be reached at 914-261-0912. Mariners are advised to exercise extreme caution when transiting the area. (MT)

Pennsylvania –

Delaware River - SR 73 (Tacony-Palmyra) Bridge - To facilitate repairs to the bottom of the lower chord (steel members) on the bascule leaves from May 20, 2024, through September 23, 2024. The platform will reduce the vertical clearance of the bridge by approximately 2 feet to approximately 48 feet above mean high water. Vessels able to pass through the bridge in closed position may do so at any time. The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.716. All mariners should use caution when transiting the area. The drawbridge tender may be reached VHF-FM channel 13 and (609) 922-2843. Mariners should use caution while navigating in the vicinity of the bridge. (JW)

Schuylkill River - Schuylkill River Park Trail - along the eastern bank of the Schuylkill River - Construction activities commenced in mid-February 2022 and are scheduled to conclude at the end of April 2025. Work will be performed from 6 a.m. to 6 p.m., Monday through Friday, with potential night and weekend work. A 70-foot by 120-foot crane barge, 30-foot by 100-foot material barges, work floats, and 24-foot work boats will be utilized during operations and stationed in the vicinity of construction. Vessels may be contacted via VHF-FM on channel 13 or 16. Construction firm representatives may be contacted at (215) 669-7883 and (484) 680-8550, 24-hours/day. Detailed project information and information concerning the waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Mariners should navigate the vicinity of construction with due caution at minimum safe speed. (HP)

Schuylkill River - CSX (Tasker Avenue/BAK-2) Railroad Bridge - Bridge causality. Until further notice, the eastern navigation span will be restricted; the western navigation span of the bridge will be available for vessels to safely transit through the bridge. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. The drawbridge will continue to operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.905 (a). (MT)

Delaware River - Cochection Turnpike (Cochection-Damascus) Bridge – Bridge maintenance which began in August 2023, will recommence, and be conducted from 7 a.m. to 7 p.m.; Monday-Friday; from April 1, 2024, through August 1, 2024. During the maintenance period, a painting containment system will be installed on the bridge which will reduce the vertical clearance of the bridge to approximately 20 feet of vertical clearance at mean high water. Vessels that can safely transit through the bridge during periods with a reduced vertical clearance may do so at any time. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (607) 235-3004 or (607) 621-5947. Mariners should use caution navigating through the area. (MT)

Delaware River - Delaware Memorial Bridge – Bridge construction of the bridge collision protection began July 2023 and is expected to finish August 2025. Work will be ongoing from 7:00 a.m. to 5:30 p.m.; Monday-Saturday. 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. Barges will be on scene 24/7 and will be located outside the navigation channel. Temporary work platforms will be in place for the duration of construction of the bridge collision protection system. The waterway will remain open to navigation. Work vessels may be reached on VHF-FM channel 13 and 16. Mariners should use caution navigating through the area. (JW)

Delaware River - SR 90 (Betsy Ross) Bridge – Bridge maintenance will be conducted from 7 a.m. to 5 p.m.; Monday-Saturday; from March 5, 2024, through November 7, 2027. During the maintenance period, work platforms and containment will reduce the vertical clearance of the entirety of the bridge, reducing the vertical clearance of the bridge navigational channel to approximately 136 feet of vertical clearance above mean high water. A safety vessel will be located onsite in the vicinity of the bridge but will not be in the navigational channel or restrict vessel transits. The safety vessel may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (856) 979-1593. Mariners should use extreme caution navigating through the area. (MT)

Darby Creek - SR 420 (Wanamaker Avenue) Bridge – Bridge construction activities will begin on March 11, 2024, and are expected to finish on July 12, 2027. Work will be on-going from 6 a.m. to 6 p.m.; Monday-Saturday. 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. A tug, a material barge, manlift barges, and support vessels will be operating or stationed in the vicinity of the existing and new bridge structures. For the duration of the construction period, cofferdams will be located within the navigational channel of the bridge reducing the horizontal clearance of the bridge to approximately 45 feet of horizontal clearance. During the work hours, two forty-foot manlift barges and one forty-foot material barge may be located within the reduced navigational channel of the existing and new bridge structures providing access for demolition/construction activities. Vessels may safely transit through the bridge during the work hours if at least a two-hour prior notice is given to the R.E. Pierson Construction Company. R.E. Pierson Construction Company tug and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The PennDOT Construction Manager may be contacted at (610) 476-7874 and P.E. Pierson Construction Company may be contacted at (609) 743-1617 or (609) 364-7105 or 609-743-7134. Project information may be found at [https://www.penn.dot.pa.gov/RegionalOffices/district-6/ConstructionsProjectsAndRoadwork/DelawareCounty/Pages/Route-420-\(Wanamaker-Ave.\)-Darby-Creek-Bridge-Replacement.aspx](https://www.penn.dot.pa.gov/RegionalOffices/district-6/ConstructionsProjectsAndRoadwork/DelawareCounty/Pages/Route-420-(Wanamaker-Ave.)-Darby-Creek-Bridge-Replacement.aspx). (MT)

Delaware River - I-95 New Jersey/Philadelphia Turn Pike Bridge – Bridge inspection will begin on September 16, 2024, from 8 a.m. to 4 p.m. through October 11, 2024. To facilitate the inspection, a safety boat will be operating in the vicinity of the bridge inside and outside of the main navigation channel. The safety boat may be reached on VHF-FM channel 13 and 16. Mariners should use extreme caution when transiting the area. (JW)

Delaware River - I-76 (Walt Whitman) Bridge – Underwater bridge inspection project is scheduled from 7 a.m. to 4 p.m.; Monday-Friday; from July 8, 2024, through August 15, 2024. A 26-foot work vessel and dive team will be in and around the vicinity of the bridge. During the inspection period, during work hours, the 26-foot work vessel and dive team will be located in the navigational channel, adjacent to the bridge fender system of the bridge, which will reduce the horizontal clearance of the I-76 (Walt Whitman) Bridge, to approximately 1574 feet, and will reduce the horizontal clearance of the I-676 (Ben Franklin) Bridge, to approximately 1904 feet, respectively. Inspection personnel, equipment and vessels will relocate from the navigable channel upon request. The work vessel and dive team may be reached on VHF-FM Channels 13 and 16. The onsite project foreman may be reached at 914-261-0912. Mariners are advised to exercise extreme caution when transiting the area. (MT)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- *Maryland*

Chesapeake Bay - US 50/US 301 (William P. Lane Jr. Memorial) East Bound Bridge - Bridge maintenance will be conducted from 6:30 a.m. to 5:30 p.m.; 7 days a week; from March 1, 2023, through December 2024. During work hours, work vessels will be located in and around the vicinity of the bridge. Work vessels may be reached on VHF-FM channel 13. Mariners should use caution navigating through the area. (MT)

Susquehanna River - U.S. Route 40 (Thomas J. Hatem Memorial) Bridge - To facilitate replacement of the coating systems on the structural steel members of the bridge, a containment system will be located on and around the vicinity of the bridge from January 27, 2024, through November 7, 2025. The containment system will reduce the vertical clearance of the bridge by approximately 3 feet to approximately 84 feet above mean high water. A barge will be in and around the vicinity of the bridge which will reduce the horizontal clearance by approximately 53 feet to approximately 267 feet. The work vessel can be reached on VHF-FM channel 13. The project superintendent can be reached at (443) 250-8791. Mariners should use extreme caution while navigating in the vicinity of the bridge. (JW)

Susquehanna River - Conrail Bridge – Bridge pier demolition of ten piers. Phase 1 installation of bird deterrent netting system begins 7 a.m. to 5:30 p.m. from February 5, 2024, through March 8, 2024. Phase 2 demolition of ten piers begin 7 a.m. to 5:30 p.m. from June 17, 2024, through October 31, 2024. All work being completed will be outside the navigation channel. The waterway will remain open to navigation. The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.575. All mariners should use caution when transiting the area. (JW)

Isle of Wight (Sinepuxent) Bay - US 50 (Harry W. Kelley Memorial) Bridge - To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 8 a.m. to 5 p.m. from March 11, 2024, through March 15, 2024, and from 8 a.m. to 5 p.m. on March 18, 2024, through March 22, 2024. Vessels able to pass through the bridge in the closed position may do so at any time. During the closure, the bridge will open for vessels upon signal, if given at least a 10-minute notice. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.559. Mariners should use caution when transiting the area. (JW)

Cambridge Creek - SR 795/SR 342 (Market Street) Bridge - To facilitate a bridge inspection of the bridge bascule spans, the bridge will be maintained in the closed-to-navigation position from 8 a.m. through 5 p.m.; Monday-Friday; from August 5, 2024, through August 9, 2024, with alternative work dates from 8 a.m. through 5 p.m.; Monday-Friday; from August 12, 2024, through August 16, 2024. A work boat will be located in and around the vicinity of the bridge. During the work hours, the work vessel will be located within the navigational channel of the bridge which will reduce the horizontal clearance of the bridge to approximately 26 feet of horizontal clearance. Vessels able to safely pass through the bridge in the closed position and during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge in the closed position and during periods with a reduced horizontal clearance may transit through the bridge, if at least a thirty-minute prior notice is given to the project foreman. The bridge will not be able to open for emergencies. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. The work vessel may be contacted on VHF-FM Channel 13. The project foreman may be contacted at (575) 571-0472 or (410) 608-8828. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.5. Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)

- *Washington DC*

Anacostia River - Frederick Douglass Memorial (South Capitol Street) Bridge – Construction of the new Frederick Douglass Memorial (South Capitol Street) Bridge and demolition of the old bridge across the Anacostia River in Washington, DC continues to December 31, 2024. The federal navigation channel east of the original center submerged pier, approximately 150 feet wide, remains available for navigation. Exclusion buoys labelled “DANGER” mark the ongoing bridge demolition in the Federal Channel. In addition, lit temporary piles are positioned around the old pier. Mariners are urged to use extreme caution when transiting the area, and to operate at minimum speed necessary to maintain safe course through the work site (CT/HP)

Anacostia River - Washington Area Metro Transit Authority (WMATA) Railroad Bridge – Bridge maintenance will be conducted from 6:30 a.m. to 3:30 p.m. Monday-Friday and from 10 p.m. to 6 a.m. from 10 p.m. on Saturday to 6 a.m. on Sunday; from May 13, 2024, through November 20, 2024. Several work barges and work boats will be located in and around the vicinity of the bridge. During the duration of the maintenance period one work barge will be located in the navigational channel of the bridge reducing the horizontal clearance of the bridge to approximately 94 feet. Vessels that can safely transit through the bridge during periods with a reduced vertical clearance may do so at any time. Maintenance personnel, equipment and vessels will not be able relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at 202-365-8932. Mariners should use extreme caution while navigating through the area. (MT)

- *Virginia (Northern) – None.*

SECTOR VIRGINIA

- *Virginia (Southern)*

Hampton Roads - I-64/US 60 (Hampton Roads Beltway) North and South Approach Bridges -. Construction activities commenced on 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@hrcpv.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>. (MT)

Willoughby Bay - I-64/US 60 (Hampton Roads Beltway/Willoughby Bay) Bridge - Construction activities began on June 7, 2021, and are expected to continue through December 2025. 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 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 and channels 67 & 71 while operating in the project area. To reach an on-scene manager, call Hampton Roads Connector Partners at 757-703-6060 and the call will be forwarded to an On-Call Hampton Roads Connector Partners Marine contact. You may also contact Hampton Roads Connector Partners via email at MarineOps@hrcpv.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>. (MT)

Western Branch of the Elizabeth River - US 17 (Churchland) Bridge –The horizontal clearance will be reduced to 35 feet, 24 hours a day, until November 30, 2023. There will be a work barge IVO the bridge during this time. Vessels able to pass may do so at any time. The project officer can be reached via cell at (757) 708-2900, or on VHF/FM CH 13. All mariners should use caution when transiting the area. (MS)

Hampton River and East Branch of the Hampton River – I-64 Westbound Bridge, I-64 Eastbound Bridges - Bridge construction began on March 4, 2024, and will continue through December 31, 2026, Monday through Saturday, from 6 a.m. to 6 p.m., daily. 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. Construction includes widening and repairs of the I-64 Westbound Bridge, and replacement of I-64 Eastbound bridges. Work activities include pile driving, concrete bent cap construction, erection of precast concrete girders, superstructure deck placements, structural steel erection and removal of existing structures. To facilitate bridge construction, temporary work trestles will be constructed alongside the existing bridges (Westbound and then Eastbound), and crane barges, material barges and work boats will be stationed and/or operating in the vicinity of the bridges and navigational channel. The work trestle in the vicinity of Hampton Spit has a removable trestle span. Vessels intended transit to or from Hampton Spit may do so, if at least 24-hour notice is given to the project foreman. Work vessels barges may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (757) 639-5179 or (252) 312-4876. Mariners should use extreme caution when navigating through the area. (HP)

Cypress Creek - Route 10 Bypass Bridge – Bridge maintenance will not restrict the height or width of the main navigational channel. The equipment will be present at night, have nighttime navigational lights, and spudded down. Maintenance will be from December 11, 2023, through June 25, 2025. The project foreman can be contacted on VHF-FM channel 13 and 16. All mariners should use caution when transiting the area. (JW)

Dismal Swamp Canal (Atlantic Intracoastal Waterway) - Deep Creek Bridge – Bridge construction which began in September 2023, is expected to be finished in September 2026. Sheet pile cofferdams to support installation of the new bridge bascule span and rest piers will be installed behind the existing/proposed fender system outside the navigable channel. No restrictions will be placed in the navigation channel, except during several planned full closures to be scheduled between the fall of 2024 and spring of 2026. Construction equipment on scene includes excavators, crane barges, land cranes, and other construction equipment. Communications with the bridge tender will be maintained on VHF-FM channel 13. Detailed information will be provided via updated local notice to mariners, broadcast notice to mariners, and/or marine safety information bulletins. Vessels should use caution when transiting the area. (HP)

Elizabeth River-Eastern Branch - I-264 (Berkley) Bridge –Bridge maintenance which began July 2023, will continue to be conducted from 7 a.m. to 3:30 p.m.; 7 days a week; through September 30, 2024. A 40-foot crane barge and a 25-foot tug will be located in and around the vicinity of the bridge. During the work hours, the crane barge will be located in the navigational channel, adjacent to the fender system, which will reduce the horizontal clearance of the bridge to approximately 100 feet. Vessels that can safely transit through the bridge during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge during periods with a reduced horizontal clearance may safely transit through the bridge, if at least a thirty-minute prior notice is given to the bridge tender. Maintenance personnel, equipment and vessels will relocate from the moveable span and navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (757) 846-0501 or 703-499-7121. Mariners should use extreme caution navigating through the area. (MT)

Elizabeth River-Eastern Branch - Norfolk Southern Railroad (#V2.8) Bridge – Bridge maintenance will be conducted from 6 a.m. to 7 p.m. from July 30, 2024, through August 20, 2024. To facilitate bridge maintenance of the mechanical and electrical systems of the bridge swing span, the bridge will be maintained in the closed-to-navigation position and will remain in the closed-to-navigation position, 24 hours a day; 7 days a

week; from 7 a.m. on August 6, 2024, through 7 a.m. on August 13, 2024. A rail crane will be located on the bridge to provide access for the maintenance. Vessels able to pass through the bridge in the closed position may do so at any time. The bridge will not be able to open for emergencies. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.1007(a). Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)

SECTOR NORTH CAROLINA

North Carolina

White Oak River - S882 Bridge (near Stella, NC) – Bridge construction will commence in October 2021, with completion estimated in January 2024. Work is scheduled from 6 a.m. to 6 p.m., Monday through Saturday, with limited work outside these hours for special operations. To facilitate bridge construction, temporary work trestle will be installed in the White Oak River between October 2021, and February 2022, and will remain in place until completion. Work trestles will be located immediately adjacent and upstream of the existing White Oak River railroad trestle. The temporary trestle vertical clearance of 10.5 feet above mean high water and horizontal clearance of 33 feet will be maintained throughout construction. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners and broadcast notice to mariners. Mariners are urged to use caution when transiting the area. (CT/MT)

Atlantic Intracoastal Waterway - Onslow Beach Swing Bridge - Construction activities which began in October 2022, are expected to finish in February 2025. The new bridge will remain open to navigation. The navigational channel of the bridge will be unrestricted at all times. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. (MT)

Permits/Construction:

SECTOR DELAWARE BAY

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

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- *Maryland*
Potomac River - Theodore Roosevelt (fixed) Bridge - DDOT is conducting an investigation and assessment of the bridge. Will assess structural condition, needs for extended life cycle, and safety compliance improvements. Then will do a design analysis of alternatives with construction in the future (no date given).
- *Washington, DC* –
Anacostia River – 11th Street Bridge Park – Proposed fixed pedestrian bridge park to be built on retained substructure of old 11th Street Bridge. (KB)

SECTOR VIRGINIA

- *Virginia (Southern)* – None

SECTOR NORTH CAROLINA

- Mid-Currituck Sound (fixed) Bridge – Proposed new fixed structure. (MS)
- Alligator River – US 64 (fixed) Bridge Proposed new fixed bridge structure to replace (swing) bridge in final review of the design and environmental package. (HP)
- Cape Fear River – Wilmington bypass south (fixed) Bridge Proposed new fixed bridge structure in review of the design and environmental package. (MT)

SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS
CURRENTLY IN PROGRESS
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 – SHARK RIVER INLET – DREDGING

All mariners please be advised that the Dredge MURDEN of the U.S. Army Corps of Engineers will be performing maintenance dredging of the navigational channel in Shark River Inlet beginning on or about August 4, 2024, and continue until **August 11, 2024**. Dredging operations will be conducted in the channel, approximately 500 feet seaward of Shark River Inlet South Breakwater Light 1 (Light List# 872), which is located on the south jetty, and ending approximately 150 feet landward of Shark River Inlet North Breakwater Light 2 (Light List# 873), which is located on the north jetty. The dredged sand will be placed north of the second rock groin, approximately 1,600 feet north of the Shark River Inlet North Breakwater Light 2 in 14 feet of water to create a temporary near shore, 2-foot to 4-foot-high underwater berm. The dredge will be monitoring VHF radio channels 13 and 16. Mariners are requested to use extreme caution when transiting the area at their slowest safe speed to minimize wake. LNM 29/24

******NJ – SEA GIRT TO LITTLE EGG HARBOR - OYSTER CREEK CHANNEL – DREDGE OPERATIONS******

All mariners please be advised that the Dredge Fullerton, of Barnegat Bay Dredging, will be performing maintenance dredging in Oyster Creek Channel, in Barnegat Bay, beginning on August 15, 2024, and continue until **September 12, 2024**. Dredging operations will be conducted on the south side of the channel beginning at Oyster Creek Channel Buoy 38 (LLNR 1090) and then proceed west to Oyster Creek Channel Buoy 40 (LLNR 1095). The dredge will be in the navigational channel, mariners are requested to contact the Dredge Fullerton 15 minutes prior to transiting the area to make passing arrangements. The dredge will be monitoring VHF radio channels 13 & 16. Work will be conducted 24 hours a day, Monday through Saturday. Mariners are reminded to use caution when transiting the area.

NJ – LITTLE EGG HARBOR TO CAPE MAY – ABSECON INLET – BEACH NOURISHMENT

Project is complete however equipment brake down and removal will last until approximately August 31, 2024.

Great Lakes Dredge and Dock Co. LLC is working on a beach nourishment project. Hopper dredge Liberty Island (scheduled to start end of March 2024) will be dredging material near the coast Townsends Inlet. Dredged material will be transported through a 30" diameter pipe from the dredge to two different beach fill areas. Borrow areas will include 3 miles offshore of Sea Isle City, approximate position: 39-06-49.10N, 074-40-37.02W and 39-08-21.55N, 074-39-35.71W. See future LNM for actual positions. Proposed submerged pipeline will begin at above proposed positions and run west towards the beach. The two staging areas on the northeast side of Absecon Inlet in Atlantic City will be used when pipeline and equipment is not in use. The Northwestern staging area has been extended. Other equipment on scene can include Crane 1, Anchor Barge 110 & 115, Saginaw River, Cavalier State, Tug Sherena B Cheramie, and Tug Caspian Dawn. Operations will begin November 6, 2023 to **August 1, 2024** and will be conducted 24 hours per day, 7 days per week. All vessels can be contract on VHF-FM 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.

NJ – LITTLE EGG HARBOR TO CAPE MAY - DREDGE OPERATIONS

H & L Contracting LLC will begin mobilization on July 8, 2024, with dredging to commence on July 15, 2024, in Patcong Creek in Great Egg Harbor Bay. Cutter suction Dredge Great Gun, Tug Oliver, Unnamed 25' skiff and a 30 x 80' Barge will be on scene and can be contacted on VHF-FM Channel 16 and 65. Dredge will between 39 18' 19.39 N /74 37' 47".67 W, and 39 18' 52.60" N/74 37'43.00 W in Patcong Creek with a dredge pipe depositing material at the disposal site at Beasleys Point in Marmora, NJ, approximate lat/long, 39 17' 32.46"N / 74 38' 21.57" W. Hours of operation will be 24 hours a day, 7 days a week until **September 15, 2024**. The pipeline will be marked with spar buoys and yellow flashing lights. In addition, there will be channel crossings for vessels marked with lights and buoys. Mariners are advised to use caution and operate at slowest speed possible to avoid wake. LNM 26/24

NJ – LITTLE EGG TO CAPE MAY – OTTEN HARBOR CHANNEL - DREDGE OPERATIONS

Mobile Dredging and Video Pipe Inc. will be conducting dredging operations in Otten Harbor Channel, in approximate 38°59'39.38"N; 74°49'55.41"W, in Wildwood, NJ, West Wildwood Channel approximate position 39° 0'26.24"N; 74°49'39.33"W, and Beach Creek Channel approximate position 39° 1'16.72"N; 74°48'1.91"W. The dredging operations will begin November 20, 2023, and the anticipated completion date is **August 31, 2024**.

NJ – LITTLE EGG HARBOR TO CAPE MAY – GREAT CHANNEL – SOIL BORING

Mariners are advised that, an engineering firm on behalf of Cape May County's Engineering Division, will be performing exploratory boring (drilling) in Great Channel, southwest of the CR 657 (96th Street) Bridge in Stone Harbor, NJ, from July 29, 2024, through **August 1, 2024**. The drilling will take place from 7:30 a.m. to 4:30 p.m. on each day. A work barge and associated vessels will be located adjacent to the main navigation channel, outside of 96th Street Bridge fendering system. The main navigation channel will not be impeded, and the equipment can clear the area with at least 15-minute prior notification, if need be. The project foreman can be reached at (510) 356-8522. Mariners should use caution when navigating through the area. LNM 28/24

NJ – LITTLE EGG TO CAPE MAY - CAPE MAY HARBOR – DREDGING

All mariners please be advised that the Dredge Fullerton of Barnegat Bay Dredging will be performing maintenance dredging in Cape May Harbor beginning on July 9, 2024, and continue until **August 10, 2024**. Dredging operations will be conducted from Cape May Harbor Daybeacon 13 (Light List Number 36760) and then proceed west to the mouth of Schellenger Creek. The dredge will be in the navigational channel, mariners are requested to contact the Dredge Fullerton 15 minutes prior to transiting the area to make passing arrangements. The dredge will be monitoring VHF radio channels 13 & 16. Work will be conducted 24 hours a day, Monday through Saturday. Mariners are reminded to use caution when transiting the area.

NJ – SMYRNA RIVER TO WILMINGTON – DELAWARE RIVER – SALEM RIVER ENTRANCE

Cottrell Contracting Corporation of Chesapeake, Virginia advises that the Dredge *Lexington* will commence pipeline laying operations around June 10, 2024, within the Salem River Channel adjacent to New Castel Range. The pipeline will run directly to Supawna Meadows National Wildlife Refuge. Actual dredging operations will begin July 1, 2024, and continue through **September 1, 2024**.

All mariners are requested to stay clear of the dredge, pipelines, barge, derricks and operating wires about the dredge. All operators should be aware that the dredge and pontoon lines are held in place by cables, which are attached to anchors some distance from the dredge and pontoons. Buoys are attached to the anchors so that they may be moved as the dredge moves. Submerged lines should be avoided. Mariners are requested to exercise extreme caution when approaching, passing, and leaving the dredging plant. The dredge *Lexington* monitors VHF channels 13 and 16. 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. LNM 23/24

PENNSYLVANIA

PA – PHILADELPHIA AND CAMDEN WATERFRONT – SCHUYLKILL RIVER

Mariners are advised that a construction firm, on behalf of the City of Philadelphia, will be constructing an extension of the Schuylkill River Park Trail along the eastern bank of the Schuylkill River, between mile 6.3 and 6.4, at Philadelphia, PA. Construction activities commenced in mid-February 2022 and are scheduled to conclude at the end of **April 2025**. Work will be performed from 6 a.m. to 6 p.m., Monday through Friday, with potential night and weekend work. A 70-foot by 120-foot crane barge, 30-foot by 100-foot material barges, work floats, and 24-foot work boats will be utilized during operations and stationed in the vicinity of construction. Vessels may be contacted via VHF-FM on channel 13 or 16. Construction firm representatives may be contacted at (215) 669-7883 and (484) 680-8550, 24-hours/day. Detailed project information and information concerning the waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Mariners should navigate the vicinity of construction with due caution at minimum safe speed.

Chart 12313 LNM 06/22

PA - NJ – UPPER DELAWARE RIVER – DREDGING OPERATIONS

Seaward Marine Corp. will be conducting dredging operations in the Upper Delaware River between Edgewater Range and Florence Range starting July 1, 2024 to **January 1, 2025**. Mariners are requested to notify the Dredge Carolyn Skaves 30 minutes prior to transiting the area that the dredge is working in, to make passing arrangements. The Dredge Carolyn Skaves can be contacted via VHF radio channel 13, or by phone at 757-837-7620. Mariners are reminded to transit the area with caution. LNM 27/24

DELAWARE

DE – SMYRNA RIVER TO WILMINGTON – DELAWARE CITY COOLING WATER INTAKE CHANNEL DREDGING

All mariners please be advised that maintenance dredging of the Delaware City Cooling Water Intake Channel located at the Delaware City Refinery will commence on or about July 9, 2024, and continue until **August 30, 2024**. Dredging will be conducted in the following approximate GPS positions latitude 39°35'06.0" N, longitude 75°37'08.0"W, and latitude 39°35'23.0" N, longitude 75°35'48.0" W. Dredging will be conducted 24 hours a day in three 8-hour shifts, Monday through Saturday. The Dredge Montgomery will monitor VHF radio channels 13 & 16. Mariners are advised to transit the area with caution. LNM 28/24

DE – NJ – DELAWARE RIVER – SMYRNA RIVER TO WILMINGTON – DELAWARE MEMORIAL BRIDGE - BRIDGE WORK

Mariners are advised that a construction company, on behalf of Delaware River Port Authority, started construction of the bridge collision protection system at the Delaware Memorial Bridge, over Delaware River, mile 68.9, at New Castle, DE. Construction activities began July 2023, and are expected to finish **August 2025**. Work will be ongoing from 7:00 a.m. to 5:30 p.m.; Monday-Saturday. 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.

Barges will be on scene 24/7 and will be located outside the navigation channel. Temporary work platforms will be in place for the duration of construction of the bridge collision protection system. The waterway will remain open to navigation. Work vessels may be reached on VHF-FM channel 13 and 16. Mariners should use caution navigating through the area.

Chart 12311

DE - CAPE MAY TO FENWICK ISLAND – INDIAN RIVER INLET – MARINE CONSTRUCTION

A construction firm, on behalf of the U.S. Army Corps of Engineers, will be using a large land-based crane to place rocks in the water near the wall on the north side of Indian River Inlet, west of the Charles W. Cullen Memorial bridge, adjacent to the Delaware Seashore State Park North Campground, in Bethany Beach, DE. This rock laying project is in conjunction with the repair work being done on the existing wall. Work hours will be from 7 a.m. to 7 p.m. Monday through Thursday until **September 30, 2024**. Mariners are urged to stay a safe distance away from the work area during work hours and transit the area with caution. For any comments or questions, contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

DE – CAPE HENLOPEN TO INDIAN RIVER INLET – INDIAN RIVER CHANNEL – DREDGE OPERATIONS

Delaware Department of Natural Resources (DNREC) will begin dredging operations in the Indian River Channel between Indian River Channel Daybeacon 64 (LLNR 4551.23) and Indian River Channel Daybeacon 70 (LLNR 4551.31), near Millsboro, DE, starting on July 1, 2024, and continuing until **March 1, 2025**. The dredge work hours will be Monday through Thursday, from 6 a.m. to 3 p.m. This dredging project is to help mitigate extreme shoaling in the area at low tide. The dredge, associated vessels, and equipment will be in the navigation channel and will remain in the navigation channel for the duration of the project. For more information mariners can contact Kathleen Bergin, the project point of contact, at (302) 739-9453. Mariners are urged to use extreme caution when transiting the area and avoid the area at low tide.

MARYLAND

MD – HONGA, NANTICOKE, WICOMICO RIVERS AND FISHING BAY – BARREN ISLAND – SHORELINE STABILIZATION

Coastal Design & Construction, Inc. will begin shoreline stabilization on Barron Island, MD starting on February 13, 2023 to approximately **October 26, 2024**. Twenty barges of various sizes will be moored in positions around the west side of the island. All barges will be marked with constant White Light per Coast Guard requirements and moorings with slow flashing white lights. Tug Capt. Dale and Push Boat Emelie B will be monitoring VHF Channel 13 & 16. For more information, contact, J Richard Mattingly – Superintendent (Marine), Cell: 301-643-4323.

******MD – EASTERN BAY AND SOUTH RIVER – RHODE RIVER – SHORE LINE PROTECTION PROJECT******

Edwin A. and John O. Crandell, Inc. will be conducting shoreline protection along the eastern side of Cheston Point at the mouth of the Rhode River just off the West River on or about August 12, 2024 until **December 31, 2024**. Crandell will be using Tug "Big C Too", Excavator Barge and numerous other support barges and equipment in the rough vicinity Latitude 38°51'54.64"N, Longitude - 76°31'7.89"W. Tug and barge operations will be traveling in and out Rhode River. Mariners are urged to use caution when transiting the area and reduce to a no-wake speed in the vicinity of the equipment for worker safety. Barges will be anchored in the areas. Edwin A. and John O. Crandell, Inc can be contacted via phone at 410-867-0200 or on cell 410-991-2376.

MD – SEVERN AND MAGOTHY RIVERS – SEVERN RIVER – ANNAPOLIS HARBOR CHANNEL – PIER CONSTRUCTION

McLean Contracting will begin a construction project to replace the Yard Patrol Pier at the U.S. Naval Academy Basin in approximate position: 38-58-56.44N, 076-28-03.41W. Project will begin November 9, 2023 to **August 12, 2025** with work being conducted 24 hours a day, 7 days a week. During course of project, tugboats: Megalodon, Captain Kenneth, and Rising Sun will be on scene, as well as numerous crane/deck barges, and other equipment as needed. A temporary mooring buoy will be established in approximate position 38-58-42.9N, 076-27-51.2W project related equipment. All vessels will monitor VHF CH 74, and 16. For more information, contact Mr. Scott Huchenski, Superintendent, at 570-357-7894. LNM 43/23

MD – COVE POINT TO SANDY POINT – GIBSON ISLAND – SHORELINE STABILIZATION PROJECT

Shoreline Design, LLC will begin construction of a shoreline erosion control project at Gibson Island, Maryland on or about February 15, 2024. Project will stabilize the Gibson Island Causeway to be complete **October 31, 2024**. Project will require up to 7 barges in the area as well as tugboats Miss Lee and Pusherman. Work will be conducted 7 days a week, from 7am to 7pm. Vessels will monitor VHF FM 16 & 80. Project approximate position: 39-5-11.47N, 076-25-01.421W. LNM 04/24.

MD - CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – SPARROWS POINT – PIER CONSTRUCTION

Ballard Marine Construction will begin pier rehabilitation at the Trade Point Atlantic Terminals on the Patapsco River. Work will begin June 10, 2024 and is expected to finish around **September 1, 2024** and work and dive operations will be conducted Monday thru Saturday from 0600 to 1800. Several barges will be along the pier as well as a crew boat. Crew will monitor VHF 13, 16 and 79. Mariners are requested to use caution and reduce wake when transiting the area. LNM 23/24

MD – APPROACHES TO BALTIMORE HARBOR – CURTIS CREEK – PIER CONSTRUCTION

Pier, bulkhead, and dolphin construction and repair will begin January 15, 2024 along the U.S. Coast Guard Yard's waterfront located on Curtis Creek, Maryland, 2401 Hawkins Point Road, Baltimore, Anne Arundel County, Maryland. [Latitude: 39.197419; Longitude: -76.570247]. The project is expected to end on **June 30, 2025**. Associated on-water construction equipment/vessels include a 30-50T capacity Whirley, two 50x120 material barges, two work floats, two push/work skiffs, an ICE 216 vibratory hammer, and a Delmag D46 Diesel impact hammer will be used in the vicinity of the project. Chart 12278 LNM 02/24

MD – BALTIMORE HARBOR – NORTHWEST HARBOR – PIER CONSTRUCTION

Ballard Marine Construction will be performing a pier replacement for the USACE for their pier located on Leahy St. at Fort McHenry beginning on November 20th, 2023 and expected to run through **July 1, 2024**. All work will be conducted from our crane barge, performing activities to include but not limited to, pile driving, demolition, crane lifts, and commercial diving. Work will be conducted Monday through Fridays including holidays. Chart 12281 LNM 47/23

MD – BALTIMORE HARBOR – NORTHWEST HARBOR – PIER CONSTRUCTION

McLean Contracting Company will be conducting pier demolition and replacement of existing pier in Baltimore Harbor's, Northwest Harbor at the Domino Sugar Refinery Plant. Project center point: 39.2754899278648, -76.59398 Work will be conducted from July 15, 2024 to **November 15, 2024**, 24 hours, 7 days per week. Some of the following equipment will be on scene during the project:

- 1) – 50' x 18' x 8' Tugboat 'Megalodon'
- (1) – 49.5' x 19' x 7' Tugboat 'Captain Kenn
- (1) – 140' x 70' x 12.5' Permanently-Mounted Floating Crane 'Baltimore'
- (1) – 120' x 40' x 8' Spudded Floating Barge 'SC1

Marine equipment will be spud in location and marking in accordance with CG regulations. Marine equipment will monitor VHF- CH 74. LNM 27/24

MD – BALTIMORE HARBOR – FAIRFIELD CHANNEL – FAIRFIELD MARINE TERMINAL – PIER REPLACEMENT

McLean Contracting Company will conduct pier replacement on pier 4 in the Fairfield Marine Terminal from July 2023 to **July 2025**. Work will be conducted 24 hours a day, 7 days a week until complete. Up to 4 crane barges and as well as numerous material barges will be moored around the pier. All assist boats will monitor VHF-FM 74. Chart 12281

MD – HEAD OF CHESAPEAKE BAY – SUSQUEHANNA RIVER – DEMOLITION ACTIVITIES

Mariners are advised that a construction company, on behalf of Maryland State Highway Administration, is starting demolition of ten old bridge piers in the vicinity of the Conrail Bridge, across Susquehanna River, mile 1.0, between Harve de Grace and Perryville, MD. Phase 1 installation of bird deterrent netting system begins 7 a.m. to 5:30 p.m. from February 5, 2024, through March 8, 2024. Phase 2 demolition of ten bridge piers begin 7 a.m. to 5:30 p.m. from June 17, 2024, through **October 31, 2024**. All work being completed will be outside the navigation channel. The waterway will remain open to navigation. The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.575. All mariners should use caution when transiting the area. LNM 06/24

MD - 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**.
LNM 41/22

DC

DC – POTOMAC RIVER - ANACOSTIA RIVER – BRIDGE DEMOLITION OPERATIONS

Demolition of the original center pier of the old Frederick Douglass Memorial Bridge across the Anacostia River in Washington, DC will begin on or about April 1, 2024 and run through **December 11, 2024**. The federal navigation channel east of the original center pier, approximately 150 feet wide, remains available for navigation. Marine barges with navigational lights will be positioned around the old, submerged center pier. Mariners are urged to use extreme caution when transiting the area, and to operate at minimum speed necessary to maintain safe course through the work site. LNM 14/24

DC – UPPER POTOMAC RIVER – GEORGETOWN CHANNEL – SEAWALL REHABILITATION

Starting on April 15th, 2024 Cianbro Corporation will be mobilizing to begin the Tidal Basin and West Potomac Park Seawall Rehabilitation Project for The National Park Service. This project is scheduled from April 15th, 2024 to **February 1st, 2027**; with waterside activities being completed by the end of **2026**. Starting in mid-June of 2024, one (1) temporary trestle will be installed between 38.8805754591474N, -77.04249015204742W and will extend approximately 94 feet into the river. In July 2024, one additional (1) temporary trestle in the Tidal Basin will be installed at 38.88154282457337N, -77.04085444069864W and will extend approximately 55 feet into the basin. The work area in the Potomac River will span from Arlington Memorial Bridge to The Inlet Bridge following the shoreline of West Potomac Park in stages starting in March of 2025. Directly surrounding the work areas we will have turbidity curtain deployed to contain the work impact zone, two (2) Turbidity Monitoring Bouy's Twenty-Five (25) LF upstream and downstream from the immediate work area. Additional equipment such as boats, crane barges, and material barges in the Potomac River to facilitate the completion of the work. While work is in proximity to a navigable channel, mariners are asked to refrain from entering the work area and maintain a respectful distance with minimize wake to prevent any hazardous conditions from arising for the safety of our Team Members and the traveling public. LNM 14/24

DC – POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGETOWN – ANACOSTIA RIVER 6.59

Mariners are advised that an engineering firm, on behalf of Washington Area Metro Transit Authority (WMATA), will be performing maintenance on the WAMATA Railroad Bridge, over Anacostia River, mile 4.7, at Washington, DC. The maintenance will be conducted from 6:30 a.m. to 3:30 p.m. Monday-Friday and from 10 p.m. to 6 a.m. from 10 p.m. on Saturday to 6 a.m. on Sunday; from May 13, 2024, through **November 20, 2024**. Several work barges and work boats will be located in and around the vicinity of the bridge. During the duration of the maintenance period one work barge will be located in the navigational channel of the bridge reducing the horizontal clearance of the bridge to approximately 94 feet. Vessels that can safely transit through the bridge during periods with a reduced vertical clearance may do so at any time. Maintenance personnel, equipment and vessels will not be able relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at 202-365-8932. Mariners should use extreme caution while navigating through the area. LNM 19/24

VIRGINIA

VA – CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET – BRADFORD BAY – DREDGE OPERATIONS

Next Generation Logistics, LLC will begin dredge operations in Bradford Bay, approximate position, 37-35-25.0N, 075-40-55.0W. Dredge Compass 1 and dredge related floating plant equipment will be in the area. Channel will remain open to traffic with open hailing channel of VHF 16 and working of VHF 7. Project will begin on July 22, 2024 and continue to approximately **October 31, 2024**. The following disposal sites will be used: 37-35-9.3243N, 075-40-51.6551W, 37-34-55.4299N, 075-40-53.6207W, 37-35-03.1592N, 075-41-01.3675W, 37-35-01.5949N, 075-41-01.3675W.

VA – CAPE MAY TO CAPE HATTERAS – CHESAPEAKE BAY SOUTHERN APPROACH – DREDGE OPERATIONS

The hopper dredge "Stuyvesant" will be performing dredging operations offshore between Chesapeake Bay Southern Approach Lighted Buoys 7 & 8 (LLNRs 445, 450) through Chesapeake Bay Southern Approach Lighted Buoys 11 & 12 (LLNRs 465, 470). The Stuyvesant will use DNODS for offshore disposal utilizing Cells 3 & 4. The Stuyvesant will also be hydraulically placing material at Craney Island Dredged Material Management area offloading within the vicinity of the below area with the assistance of tug boats.

ALL VESSEL SHIP TRAFFIC PASSING HOPPER DREDGE STUYVESANT WHILE MOORED FOR OFFLOAD ADJACENT TO THE NORFOLK CHANNEL/CRANEY ISLAND, REQUEST MAXIMUM SPEED OF 5 KNOTS.

The Stuyvesant should be resuming operations in the Norfolk area on or about the March 22, 2024 and continue till **August 2024**.

VA – LYNNHAVEN RIVER WESTERN BRANCH – DREDGE OPERATIONS****

Salmons Incorporated will conduct maintenance dredging operations starting in the Cripple Creek area of Lynnhaven River Western Branch. Dredging will begin July 17, 2023 and will dredge during daylight hours, Monday through Friday and possibly Saturday until completed on or before **August 31, 2024**. Material will be loaded into barges by hydraulic excavator with pusher boat Miss Naomi moving barges to unloading area.
Chart 12254

VA – HAMPTON ROADS – CHESAPEAKE BEACH RENOURISHMENT

Seaward Marine Corp will begin beach renourishment for Chesapeake Beach. Dredge material will be taking from Chesapeake Beach Shoal, approximate position - 36°55'39.47"N, 76°07'04.80"W, Operations will begin on June 15, 2024 and continue until **October 15, 2024**. Tender Tug, Matty T and SMC Dredge 1, will monitor VHF FM Channel 16, 13, 03. All equipment will be lighted in accordance with regulations. For more information, contact Scott White, Project Manager, 757-641-2132. LNM 23/24

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.

VA – NORFOLK HARBOR AND ELIZABETH RIVER – ELIZABETH RIVER – DREDGE OPERATIONS

The Dredge Delaware, along with support equipment, will commence dredging operations on April 16, 2024, through **April 2025**, deepening the Elizabeth River (Norfolk Harbor Inner Channel). Crews will begin installing pipeline the final week of March prior to startup. Operations will be conducted between the Hampton River Bridge Tunnel and Elizabeth River Lighted Buoy 23 (LLNR 9710). Material will be pumped to Craney Island. A floating pipeline will be utilized behind the dredge which will be anchored off in and outside of the channel. Submerged pipeline will be utilized between the dredging area and Craney Island. The submerged pipeline will be marked with buoys approximately every 1000' with signs and lights placed at every pipeline entry and exit points. The maximum floating pipeline length will be approximately 4000' and will be anchored and tended by tugboats. The submerged and floating pipeline will need to be moved occasionally as the dredge progresses. The Dredge Operator will standby on channels #13, #16, and #65 VHF-FM. For any emergencies the dredge operator can be reached at 757-570-8453. Traffic should call at minimum 30 minutes prior to expected time of passage. Mariners are requested to exercise caution when approaching, passing, and leaving the dredging plant. All vessels are requested to contact the dredge prior to passing. LNM 13/24

VA – HAMPTON ROADS – WILLOUGHBY BAY – DREDGE OPERATION

W3 Marine and the dredge ER Adams will be in Willoughby Channel with scows LMC 230, LMC 231, and LMC 232 conducting dredging operations beginning on April 4 until **August 15, 2024**. The scows will be transporting spoil materials to the Craney Island area to be pumped upland with the barge Unloader #2. The barge Unloader #2 will be stationed alongside the containment area outside the channel near the rehandling basin. The dredge can be contacted on VHF-FM channels 13 and 16. Mariners are requested to review the DREDGING and MARINE CAUTIONS notice at the beginning of this section. Mariners are requested to stay clear of the dredges, dumpscows, and attendant plant. Exercise extreme caution when approaching, passing, and leaving the dredge area. Mariners are reminded to strictly comply with Inland Rules of the Road. Chart 12245. LNM 13/24

VA – HAMPTON ROADS – ELIZABETH RIVER – DREDGE OPERATION

Norfolk Dredging company will begin maintenance dredging on Norfolk Navy Base Piers, Norfolk, Virginia. Bucket dredge VIRGINIAN will begin dredging operations at the Norfolk Navy Base inside the Pier 12 and Pier 14 approaches 700 feet south of Elizabeth River Lighted Buoy 7 (LLNR 9475) on approximately April 10, 2024. The Dredge will be loading Mud Scows, and a Tug will tow them to the Norfolk Ocean Disposal Site (NODS) located offshore at Lat 36 57 17 N / Long 075 37 25 W.

The dredge will be working between Pier 2 and Pier 14, including pier approaches until further notice.

The Dredge VIRGINIAN Operator will standby on channels #13 and #16 VHF-FM. Traffic should call 60 minutes prior to the expected time of passage. All mariners are requested to stay clear of the dredge, barges, cranes, and tugs. Operators of vessels of all types should be aware that the barges are held in place by cables, attached to anchors some distance away from the equipment.

Project will be conducted twenty-four (24) hours per day seven (7) days a week. For further information contact Norfolk Dredging Company at (757) 547-9391. LNM 15/24

VA – NORFOLK HARBOR AND ELIZABETH RIVER – ELIZABETH RIVER – LAMBERT'S POINT – DREDGE OPERATION

Mechanical dredging operations on behalf of Norfolk Southern Railway Company will commence on or about July 15, 2024 at Lambert's Point in Norfolk on the Elizabeth River. Loaded scows will be towed from the work area Pier 6 to the Unloader barge located at Shirely's Plantation (Weanack Island). The Dredge KOKO V will perform the 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 until the estimated completion date of **September 30, 2024**. LNM 29/24

VA – NORFOLK HARBOR AND ELIZABETH RIVER – SCOTT CREEK CHANNEL – PIER REPAIR

Crofton Construction Services, Incorporated (CCSI) will be performing repair of Crofton Bulkhead in Scott Creek. Specifically, there will be installed approximately 276 linear feet of replacement steel sheet pile bulkhead, an average 3 feet channel ward of an existing, deteriorating bulkhead withing Scotts Creek, adjacent to property situated at 16 Harper Avenue in the City of Portsmouth. The limits of construction are approximately .20 acres in size and the area is bound by the land on the NW and Scott Creek on the other three sides of the bulkhead at in the following location: 36°50'54.20"N, 76°18'56.41"W.

Beginning June 16, 2023, and continuing until **December 31, 2024**, approximately 198 days or until complete from 7:00 AM – 5:00 PM, five days a week. 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 LNM 23/23

VA – HAMPTON ROADS – HAMPTON RIVER – BULKHEAD REPAIR

Crofton Construction Services, Incorporated (CCSI) will be performing repairs of Bulkhead in Salters Creek. Specifically, there will be installed approximately 261 linear feet of replacement bulkhead, 230 linear feet of 10-foot wide wharf and 3'x3' concrete cap along the bulkhead along the Hampton River in Hampton., adjacent to property situated at 108 S. King St., Hampton. The limits of construction are approximately 15,000 square feet in size and the area is bound by Salters Creek on the south and the property lines of 108 S. King St., Hampton, at in the following location: 37°01'22.2"N 76°20'37.3"W.

Beginning December 1, 2023, and continuing until **August 4, 2024**, approximately 240 days or until complete from 7:00 AM – 5:00 PM, five days a week. 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. LNM 47/23

VA – HAMPTON ROADS - HAMPTON RIVER – BRIDGE CONSTRUCTION

Mariners are advised that an engineering firm, on behalf of Virginia Department of Transportation, will be performing construction on the I-64 Westbound Bridge over Hampton River and the East Branch of the Hampton River, and I-64 Eastbound Bridge over the Hampton River and I-64 Eastbound Bridge over the East Branch of the Hampton River, mile 1.2, at Hampton, VA. Construction began on March 4, 2024, and will continue through **December 31, 2026**, Monday through Saturday, from 6 a.m. to 6 p.m., daily. 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.

Construction includes widening and repairs of the I-64 Westbound Bridge, and replacement of I-64 Eastbound bridges. Work activities include pile driving, concrete bent cap construction, erection of precast concrete girders, superstructure deck placements, structural steel erection and removal of existing structures. To facilitate bridge construction, temporary work trestles will be constructed alongside the existing bridges (Westbound and then Eastbound), and crane barges, material barges and work boats will be stationed and/or operating in the vicinity of the bridges and navigational channel. The work trestle in the vicinity of Hampton Spit has a removable trestle span. Vessels intended transit to or from Hampton Spit may do so, if at least 24-hours notice is given to the project foremen.

Work vessels and barges may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (757) 639-5179 or (252) 312-4876. Mariners should use extreme caution when navigating through the area.

VA – HAMPTON ROADS - NEWPORT NEWS – PIPELINE INSTALLATION PROJECT

A pipeline installation project began on or about August 1, 2023 and is expected to continue through **August 2025**. On or about June 10, 2024 and continuing through **August 15, 2024**, items associated with the existing temporary work platform including barges, buoys, mooring and goal-post piles will be de-constructed and removed from the south side of the federal shipping channel and federally maintained anchorage area (approximate center at latitude/longitude 36.948626°N, 076.419579°W, ¼ of a mile west of the Monitor-Merrimac Memorial Bridge Tunnel). On or about June 10, 2024 and continuing through August 2025, approximately 17,970 feet of new pipeline will be installed beneath the bottom of the James River by marine trenching operations from the south side of the federal shipping channel and federally maintained anchorage area to the Suffolk shoreline along a non-linear path, between latitudes/longitudes 36.948626°N, 076.419579°W and 36.904509°N, 076.431395°W. Pipe installations will be conducted using a "train", consisting of four (4) individual barges in succession and moving in unison, including: two (2) trench excavation barges; one (1) pipe laying barge; and, one (1) trench restoration barge. Under normal conditions, it is expected the "train" will progress at the average rate of approximately 100 feet per day, with marine trenching, pipe installation and backfill efforts taking approximately 210 days to complete, including allowances for adverse weather conditions. Additional barges will be required for the delivery and storage of pipe and other construction materials. Each individual barge associated with these operations are expected to be approximately 60 feet in width and 180 feet in length, and will be individually equipped with four (4) 360-degree visible white warning lights, one (1) light at each corner. Mariners are advised to avoid crossing, and use caution while transiting in proximity to, the "train". At no time will this construction project affect, interfere with, obstruct, nor otherwise adversely impact marine traffic in the federal navigation channel or federally maintained anchorage area. Tug, barge and other vessel operations associated with these construction activities will monitor VHF-FM channels 13 and 16 when work is in progress, or when vessels are operating in the project area. To reach an on-scene manager, contact Tommy Worten 813-957-7000. In case of emergency, please contact USCG Sector Virginia Command Center on VHF-FM Channel 16 or 757-483-8567. Updated project information can be obtained from <https://www.hrsd.com/boat-harbor-underwater-transmission-pipe-installation>. Chart 12245 LNM 28/23, 48/23, 02/24, 03/24, 08/24, 09/24, 22/24, 23/24, 31/24.

VA – NEWPORT NEWS TO JAMESTOWN ISLAND – NEWPORTS NEWS SHIPBUILDING – DREDGE PROJECT

Seaward Marine Corp. will be conducting dredging operations in the Upper Delaware River between Edgewater Range and Florence Range starting July 1, 2024 to **January 1, 2025**. Mariners are requested to notify the Dredge Carolyn Skaves 30 minutes prior to transiting the area that the dredge is working in, to make passing arrangements. The Dredge Carolyn Skaves can be contacted via VHF radio channel 13, or by phone at 757-837-7620. Scows will be moored outside the channel in the vicinity of Upper Delaware River Channel Lighted Buoy 36 (LLNR 3920). Mariners are reminded to transit the area with caution.

VA – NEWPORT NEWS TO JAMESTOWN ISLAND – NANSEMOND RIVER – BRIDGE REPLACEMENT

Crofton Construction Services, Incorporated (CCSI) will be performing bridge replacement in Shingle Creek. Specifically, remove an existing timber access bridge and construct an 80-foot long by 16-foot wide pre-cast concrete bridge over Shingle Creek to access Oak Island in the City of Suffolk. Construction site is located within property situated at 100 Oak Island Lane, Suffolk, VA at the following location: 36°44'31.67"N 76°34'14.53"W Beginning June 14, 2024, and continuing until **September 31, 2024**, approximately 109 days or until complete from 7:00 AM – 5:00 PM, five days a week. 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. Most of the channel will be closed, during pile driving and bridge setup stage of construction, or until all marine related work is complete. 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. LNM 24/2

*****VA – JAMES RIVER – JAMESTOWN ISLAND TO JORDAN POINT – DREDGE OPERATIONS*****

Cottrell Contracting Corporation of Chesapeake, Virginia advises that the Dredge *Lexington* will be conducting dredging operations on the James River (Dancing Point- Swann Point Channels) between James River Channel Lighted Buoy 57 (LLNR 12200) and James River Channel Lighted Buoy 66 (LLNR 12250). The dredge and attendant equipment will be operating between August 14, 2024 and October 14, 2024. Prior to approach, the Dredge can be reached via VHF Radio Channels #13 and #16. For emergency the dredge operator can be contacted at phone number 757-635-2578. LNM 32/24

VA - JAMES RIVER - JORDAN POINT TO RICHMOND – DREDGE OPERATIONS

Please issue a Notice to Mariners that mechanical dredging operations on behalf of AdvanSix will commence on or about June 9, 2024 at AdvanSix in Hopewell on the James River. Loaded scows will be towed from the work area by Poythress Run to the Unloader barge located at Shirely's Plantation (Weanack Island). 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 perform the 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 until the estimated completion date of **August 17, 2024**. LNM 19/24

VA – JAMES RIVER – NEWPORT NEWS TO JAMESTOWN ISLAND – NANSEMOND RIVER – SHINGLE CREEK – BRIDGE CONSTRUCTION

Mariners are advised that Crofton Construction, a bridge replacement is in progress in the vicinity of Oak Island Bridge at Shingle Creek, in the city of Suffolk, VA. To facilitate the construction, a crane barge and tugboats will occupy most of the channel from 7 a.m. to 5 p.m., Monday through Friday, from June 14, 2024, through **September 30, 2024**. Vessel are requested to proceed in this area with caution and no wake with 500 feet of the crane barge. Vessels may be reached on VHF-FM channel 13 and 16. All mariners should use caution when transiting the area. LNM 29/24

VA – YORKTOWN TO WEST POINT – UPPER YORK RIVER - SHORELINE STABILIZATION AND BREAKWATERS CONSTRUCTION

Coastal Design & Construction, Inc. will begin shoreline stabilization, stone breakwaters construction, and installing sand the southwest side of the Upper York River, along the Colonial National Historical Park, starting on February 20, 2023 to approximately **October 1, 2024**. Sixteen barges of various sizes will be moored in positions along the southwest side of the river, between Yorktown NAVAL Weapons Station and Cheatham Annex. All barges will be marked with constant White Light per Coast Guard requirements and moorings with slow flashing white lights. Tug Linda M will be monitoring VHF Channel 13 & 16. For more information, contact, Steven Bailey – Superintendent (Marine), Cell: 240-298-8701. Chart 12243 LNM 07/23

VA – RUDEE INLET – LAKE RUDEE, VIRGINIA BEACH – DREDGE OPERATIONS

Hydraulic dredging will take place in various locations in Lake Rudee, Virginia Beach. All material will be pumped via pipeline to the Lake Rudee DMMA site located in front of the Virginia Beach aquarium.

Projects to include Southside Marina, Virginia Beach Fishing Center, Fisherman's Wharf Marina, Rudee Turning Basin, Harbor Point Canals, and Shadowlawn Canal.

Dredging will take place from sunrise to sunset seven days a week and will be completed by **July 31, 2024**. Dredging will be performed by two Mud-Cat dredges and various work skiffs and will monitor Ch 10 & Ch 16. LNM 09/24

VA – NORFOLK TO ALBEMARLE SOUND - ALBEMARLE AND CHESAPEAKE CANAL - GREAT BRIDGE LOCK – FENDER SYSTEM REPAIRS

W. F. Magann Corporation, on behalf of the U S Army Corps of Engineers, will begin the repair of the Great Bridge Locks Fender System located on the Atlantic Coast Intracoastal Waterway – Albemarle and Chesapeake Canal (Mile Marker 11.3, N 36° 43.417'/W 076° 14.867) on April 15, 2024. Work is expected to be complete **August 01, 2024**.

Work may be conducted 7 days a week from 5 a.m. to 12 a.m. During the scheduled repairs, a crane barge, tugboat, work boats and divers will be near the Great Bridge Locks fender system.

During certain phases of the repair, the tugs, barges, work vessels and divers will reduce the horizontal clearance in the navigation span. Vessels that require tugs, barges, and work vessels to clear the navigation span should notify the project supervisor no less than one hour prior to navigation through the bridge.

During dive operations within the navigational span, navigation will be on demand and vessels should notify the project supervisor no less than one hour prior to navigation through the bridge.

Work vessels and supervisor can be reached on VHF-FM Channel 13 or (757) 620-3953. In the event of an emergency, please contact Chris Donnelly (757) 615-9405.

Mariners are reminded to maintain a safe distance from the working vessels and barges and are asked to use extreme caution while navigating through the area. LNM 14/24

NORTH CAROLINA

NC – OREGON INLET – DREDGING OPERATIONS

The "MISS KATIE" dredge vessel has routine dredging operations scheduled at Oregon Inlet, the Walter Slough Channel, the Crack, the Old House Channel, and ranges 14A-C, 15-17, and 17ext., periodically throughout the year, dependent upon weather conditions, maintenance, and/or other emergency dredging projects out of the area. Dredging operations will be performed on a schedule of 12 hours and/or 24 hours a day, seven (7) days a week. Material that is hopper dredged will be transported to a disposal site located in deep scour holes near the Basnight Bridge on the south side of Oregon Inlet and/or a nearshore site located off Pea Island. All mariners are requested to use caution in the area. MISS KATIE can be reached on VHF-FM CH 16 and 13. For more information, contact Jordan Hennessy at jhennessy@ejedredgng.com or (252) 597-5752.

NC – CAPE HATTERAS – PAMLICO SOUND – OYSTER REEF CONSTRUCTION

SJ Hamill Construction, LLC will begin construction of about 50 oyster reefs comprised of stone in the Pamlico Sound. Center point of project is approximate position 35-23-12.95N, 075-58-14.27W. Storage of our materials and equipment will be Engelhard, NC, in the Engelhard Marine Industrial Park. Three small tugboats, a crew boat, and two rock barges will frequently be used to tow material from storage site to project sites.

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.

******NJ – LITTLE EGG HARBOR – TUCKERTON COVE – POWER BOAT RACE******

A power boat racing series will be held on Little Egg Harbor in Tuckerton Cove, near Tuckerton, NJ, on **August 11, 2024**, from 9:30 a.m. to 5:30 p.m. Racing will occur on a quarter mile oval-shaped course near Gaunt Point. The event sponsor will have a safety boat and dive boat on-scene monitoring VHF radio channel 72. Mariners are urged to use caution and reduce speed to minimize wake when transiting near the area. For any comments or questions, contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

******NJ – INTRACOASTAL WATERWAY – BRIGANTINE – BOAT PARADE******

The Night in Venice in Brigantine is scheduled for August 17, 2024, from 6 p.m. to 9 p.m. The event is a boat parade that takes place in Absecon Inlet, Golden Hammock Thorofare, and Bonita Tideway adjacent to Brigantine, NJ. Mariners are urged to use caution and reduce speed to minimize wake when transiting the area and heed the direction of official event patrol. Mariners may contact official patrol personnel on scene via VHF radio channel 16. For any comments or questions, contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

NJ – OCEAN CITY – INTRACOASTAL WATERWAY - CROOKED HORN CREEK – YOUTH ROWING EVENT

A youth rowing camp will be practicing on the New Jersey Intracoastal Waterway (Crook Horn Creek), in Ocean City, NJ, between the Upland Thorofare Bridge and New Jersey Intracoastal Waterway Buoy 295 (LLNR 36110) from 5:30 p.m. to 6:30 p.m. Monday through Friday, from July 15, 2024, until **August 9, 2024**. There will be 1 to 4 rowing vessels and 3 safety vessels during rowing practice. The safety vessels can be contacted on VHF radio channel 72. Mariners are urged to reduce speed and use extreme caution when transiting the area. For any comments or questions, contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

NJ – PLEASANTVILLE – LAKES BAY – BARGE BASED FIREWORKS DISPLAYS

Three separate barge-based fireworks displays are scheduled to occur on Lakes Bay, in the vicinity of the Yacht Club of Pleasantville, in Pleasantville, NJ, from 9:30 p.m. to 9:45 p.m. on July 19, August 23, and **September 6, 2024**. The rain dates are as follows July 20, August 24, September 7, 2024. The fireworks barge will be located at approximate GPS position latitude 39°22'56.3"N, longitude 74°30'59.5"W. Mariners are urged to remain a safe distance from the fireworks barge and transit the area with caution. For any comments or questions, contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

NJ – CAPE MAY – CAPE MAY HARBOR – SAILING REGATTA

The Corinthian Yacht Club of Cape May will be hosting a sailing regatta in Cape May Harbor on **August 8, 2024**, from 10 a.m. to 4 p.m. in Cape May, NJ. The sailing regatta will take place in three different locations within Cape May Harbor. The first sailing area is just west of Corinthian Yacht Club of Cape May in the southern portion of Cape May Harbor. The second sailing area is east of Schellenger Landing in the western portion of Cape May Harbor. The final sailing area is south of Snug Harbor Marina in the northern portion of Cape May Harbor. All the sailing areas are located outside of the federal navigational channel. The event sponsor will have support vessels on scene that can be contacted via VHF radio channels 70, 71, and 73 or via phone at (610) 405-5419. Mariners are urged to use caution and reduce speed to minimize wake when transiting near the area. For any comments or questions, contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

MD – SEACOAST – OCEAN CITY WATERFRONT – FIREWORKS DISPLAY

An aerial fireworks display is scheduled to occur on the beach between N. Division St and 1st St, at Ocean City, MD on every Monday between July 8, 2024 to **August 26, 2024** (no rain date), at approximately 9:30 pm. Mariners are urged to use caution when transiting the area and heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 300 feet from the fireworks discharge site located on the beach area east of Talbot Street, in approximate position latitude 38°19'44.20" N, longitude 075°05'04.10" W. 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. LNM 24/24

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 09, 2024-August 29, 2024**, between 6 p.m. and 8 p.m. Up to 80 participants (small keel sailboats, 16-26 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) 576-2596 or (410) 576-2693.

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 17, 2024 - August 23, 2024**, between 5 p.m. and 8:00 p.m. Up to 40 auxiliary sail boats (20 to 50 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 16 or 73. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2596 or (410) 576-2693.

MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – PATAPSCO RIVER – SAILING REGATTA WEEKLY SERIES

An annual weekly sail boat racing series is scheduled to occur on the Patapsco River each Sunday during April 23, 2024-**October 22, 2024**, between 11 a.m. and 5 p.m. Up to 20 sail boats (20 to 40 feet in length) will compete in a single race along a designated course located between the Fort McHenry National Monument and Historic Shrine and the Francis Scott Key Memorial (I-695) Bridge, at Baltimore, MD. More information on the "Baltimore City Yacht Association Fall Racing Series" can be obtained at website <https://www.bcya.com>. Interested mariners may contact the race committee on marine band radio VHF-FM channel 72. For any comments or questions contact U.S. Coast Guard Sector Maryland-NCR, Waterways Management Division, at telephone number (410) 576-2693.

VA – SOUTHERN CHESAPEAKE BAY – WEDNESDAY NIGHT REGATTAS

The Broad Bay Sailing Association is sponsoring the Little Creek Races Wednesday Night Series on April 3, 2024 running until **November 27, 2024** 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.

VA – HAMPTON HARBOR - LOWER CHESAPEAKE/OFF BUCKROE BEACH - CCV RACING 2024 FALL SERIES RACES

The CCV Racing is sponsoring the CCV Racing 2024 Fall Series Races. The event will occur in the Hampton Harbor on September 15th, September 22nd, and October 13th. The sailboats will begin transiting to the racing area at 10 a.m. each day. Mariners are requested to use caution when transiting the area.

VA – WILLOUGHBY BAY - WILLOUGHBY RACERS THURSDAY NIGHT RACES

The Broad Bay Sailing Association is sponsoring the Willoughby Racers Thursday Races on April 4 running until **November 24, 2024** in Willoughby Bay, Norfolk VA. The sailboats will begin transiting to the racing area at 6:00 p.m. Mariners are requested to use caution when transiting the area.

VA – ELIZABETH RIVER NORFOLK YACHT CLUB - HAMPTON ONE DESIGN NATIONAL CHAMPIONSHIP

The Norfolk Yacht and Country Club is sponsoring the Hampton One Design National Championship on **August 9th -11th** in the Elizabeth River in Norfolk, VA. The sailboats will begin transiting to the racing area at 10:30 a.m. Mariners are requested to use caution when transiting the area.

VA – ELIZABETH RIVER - PORTSMOUTH PADDLE BATTLE

The Friends of the Portsmouth Naval Shipyard Museum is sponsoring the Portsmouth Paddle Battle on the Elizabeth River in Portsmouth, VA. The event will include approximately 75 kayaks that will launch from the High Street Landing Basin on the Elizabeth River. The event will begin at 9 a.m. and end at 2:30 p.m. on September 7, 2024. Mariners are requested to use caution when transiting the area.

VA – LINKHORN BAY - BROAD BAY - THE NARROWS, VIRGINIA BEACH - VB BOAT CHURCH AT THE NARROWS

A Boat Church will occur each Sunday from 9:30 a.m. to 11:30 a.m. from May 26th through **September 7th**. Participating vessels may be rafted on the east side of the Narrows between Linkhorn Bay and Broad Bay in Virginia Beach, VA and will not impede the flow of traffic. If concerns arise, the POC for the event can be reached at 757 373 8070 before or after each occurrence.

VA – JAMES RIVER - JAMESTOWN - TRIATHLON

Kinetik Endeavors LLC is sponsoring the Patriot Triathlon on the James River in Jamestown, VA. The Triathlon will held from September 9th – 10th from 7 a.m. to 10 a.m. each day. Mariners are requested to use caution when transiting the area.

VA – CAPE CHARLES TO WOLF TRAP - LEO WALDROP MEMORIAL CAPE CHARLES CUP REGATTA

The Broad Bay Sailing Association is sponsoring the LEO Waldrop Memorial Cape Charles Cup Regatta in the Southern Chesapeake Bay, VA on **August 10 - 11, 2024**. The sailboat races will begin at 9:00 a.m. and end at 5:00 p.m. each day. Mariners are requested to use caution and bare steerage when transiting the area.

VA – ATLANTIC OCEAN-OCEANFRONT VIRGINIA BEACH – NATO JOINT POWER AIR SHOW

National Air, Sea and Space Foundation is sponsoring the NATO Joint Power Demo Air Show over the Atlantic Ocean at the Virginia Beach Oceanfront. The event will be on **August 20 and August 21**. The Coast Guard will be enforcing a safety zone for all navigable waters from the shoreline of the Atlantic Ocean at the Virginia Beach Oceanfront contained within the following points: 36°53'10"N, 075°58'57" W; 36°53'27" N, 075°57'22" W; 36°51'31" N, 075°56'48" W; 36°51'14"N, 075°58'23"W. No one may enter the safety zone and must follow all directions by the Patrol Commander.

NC – ATLANTIC OCEAN AND BANKS CHANNEL – WRIGHTSVILLE BEACH – CAROLINA YACHT CLUB REGATTAS

Mariners are advised that the Carolina Yacht Club will host a series of regattas in the Atlantic Ocean near Masonboro Inlet and Banks Channel in Wrightsville Beach, NC. Approximately 45 regattas will take place from March 2, 2024 through **January 1, 2025**. Race coordinators will monitor local vessel traffic and can be contacted via VHF Marine Radio Channel 78. The sailing schedule can be found at www.carolinayachtclub.org. For any questions or comments, please contact the Coast Guard Sector North Carolina Marine Event Coordinator at (910) 772-2221. No restrictions will be placed on the navigable channel.

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.

NY – NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS

R/V GO Pursuit will be conducting benthic sampling and marine remote sensing with acoustic sources, i.e. multibeam, sonar, magnetometer, and high frequency sub-bottom profilers; to map the seafloor and near-surface conditions. Vessel may additionally run weather patterns or testing in sheltered areas without survey sensors. Offshore vessel operations are planned in OCS-A 0542 and in the polygon bounded by the following coordinates: NW = 74° 00' 48.7773" W, 40° 29' 05.3500" N NE = 73° 23' 09.8861" W, 40° 28' 39.9348" N SE = 73° 24' 38.0595" W, 39° 25' 40.8372" N SW = 74° 01' 42.6876" W, 39° 26' 05.3295" N Survey operations will begin 04 JULY 2024, continuing until approximately **October 31, 2024**, and will be conducted 7 days per week, 24 hours per day until survey completion with periodic port calls. Go Pursuit will monitor VHF-FM Ch 16. Average vessel speed will be 4.5 knots with towed sensors up to 600-feet behind vessel, maximum vessel speed is 10 knots during transits when not towing sensors.

NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS

The OSV HOS Browning, call sign XCBK8, will be conducting geotechnical survey operations, using geotechnical drilling equipment. Operations will occur within Lease Area OCS-A-0539 located ~56 nautical miles (103 km) off the east coast of the USA (closest distance to New York) and will begin around June 1st, 2024, and continue to approximately **December 31, 2024**.

Operating Area Lease 0539:

N extent: 39° 39' 52" N / 73° 18' 25" W

NE extent: 39° 35' 10" N / 73° 05' 52" W

S extent: 39° 24' 58" N / 73° 18' 17" W

SW extent: 39° 28' 28" N / 73° 29' 38" W

The OSV HOS Browning will be restricted in her ability to maneuver for extended periods (up to 72 hours) and is requesting mariners operating in or transiting the area to give a 1 NM CPA. The OSV HOS Browning will be monitoring VHF channel 16 and can be contacted on these frequencies for safe passing arrangements. LNM 21/24

NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS

Fugro will be conducting geotechnical investigations from the Resilience survey vessel within a survey area in federal waters from approximately July 28, 2024, through approximately **September 30, 2024**, for 24 hours a day, 7 days a week, excluding periodic port calls. Geotechnical equipment on the Resilience includes C25 drill rig, Seacalf Cone Penetration Test (CPT) System, API drill pipe, WISON geotechnical sampling, SCPT, and P&S logging equipment.

The Fugro Resilience will have restricted or no maneuverability during the geotechnical investigations for extended periods of time and is requesting mariners operating in or transitioning the area to give a 0.5 NM passing clearance. Mariners, please transit the area with extreme caution. Fugro's Resilience will be monitoring VHF-FM CH 16 for any concerned traffic. Trevor Jones (Vessel Operations Manager for Bluepoint Wind) may also be contacted at 1-857-972-4328.

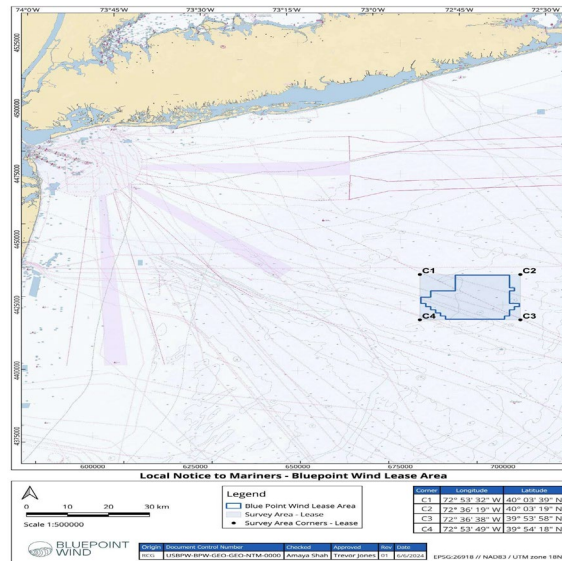
The Survey area will be bounded on four corners by coordinates:

NW: 072° 53' 32.7" W, 40° 03' 39.4" N

NE: 072° 36' 19.3" W, 40° 03' 19.3" N

SE: 072° 36' 38.9" W, 39° 53' 58.6" N

SW: 072° 53' 49.9" W, 39° 54' 18.6" N



NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS

Alpine Ocean Seismic Survey Inc. will conduct vibracore (VC) sampling work between July 29, 2024 and **August 26, 2024**. Work will be performed 7 days a week on a 12-hour schedule (0600 to 1800, typically) and be performed on the RV Shearwater with a Geomarine Survey Systems Geo-Core 6000 Electric Vibracore. Shearwater will be performing geotechnical operations with equipment extending through the water and into the underlying seabed and will have limited maneuverability during operations. Vessel will monitor VHF-FM CH 13 and 16.

Work will be done offshore New Jersey and in the Atlantic Ocean between (generally) Point Pleasant Beach and Atlantic City focusing is two areas.

Northern area:

Northwest:	40°07'51.45"N / 74°01'06.72"W	Northeast:	39°58'37.31"N / 73°37'37.11"W
Southwest:	40°05'57.18"N / 74°01'40.69"W	Southeast:	39°48'18.06"N / 73°55'11.82"W

Southern area:

Northwest:	39°52'37.86"N / 73°37'7.22"W	Northeast:	39°23'14.00"N / 73°16'4.62"W
Southwest:	39°11'25.28"N / 73°38'17.68"W	Southeast:	39°11'22.03"N / 73°27'24.40"W LNM 31/24

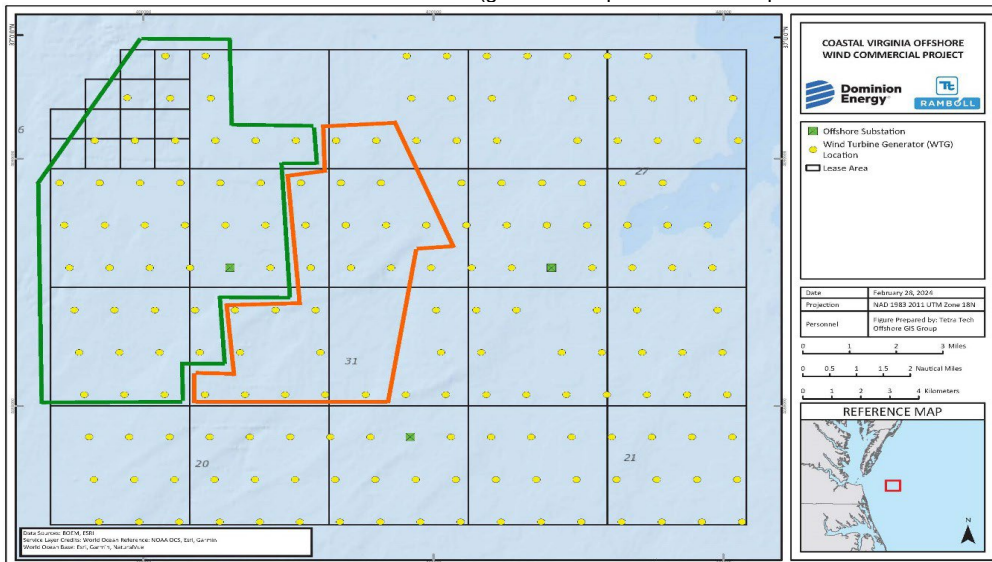
Dominion Energy's Coastal Virginia Offshore Wind (CVOW) Project Construction Updates:

Marine Coordination Center Contact Information	757-366-7000 (desk)
	757-731-8307 (cell)
	Email: CVOWOps@dominionenergy.com

Current Offshore Construction Activities:

- ****All project vessels are monitoring the current weather conditions and coordinating through the CVOW Marine Coordination Center. These vessels are prepared to fully exercise their Heavy Weather Plans in coordination with the USCG Captain of the Port and the established port conditions. ****
- Monopile Installation focus remains in the northern section of the lease area: **45 of 176 monopile foundations have been installed in the lease area.**
- Once monopiles are installed in the seabed, quick flashing yellow marine navigation lights will be installed. These temporary lights will be energized from sunset to sunrise. Updates to the lighting installations will be published in the USCG Light List. Monopile foundations extend 15 feet above the sea surface and are approximately 30 feet wide; caution should be exercised when operating in the lease area.
- Foundation Scour Installation is ongoing with the Fall Pipe Vessel M/V Flintstone.
- Debris relocation activities are being conducted by the M/V HOS Mystique and M/V HOS Bayou
- Fisheries research activities are ongoing with the F/V Thomas Reed, F/V Lady Isla, and R/V Bay Eagle in the southern region of the lease area.
- F/V Atlantic Bounty and F/V Capt. Danny are providing safety vessel duties.
- For all other project vessels, please reference the latest Mariners Update [here](#).

- Current and forecasted installation activities (green is completed and red is planned over the following two weeks):



The Coast Guard has established temporary 500-meter safety zones around construction activities in the lease area. Safety zones will only be enforced during active construction, generally for a period lasting approximately 48 hours or less. There may be periods of time where active construction may be occurring at multiple locations simultaneously. Active construction activities will be evident by the presence of the M/V ORION and/or other support vessels.

CVOW is requesting a wide berth around installed buoys within the lease area. There have been numerous buoy strikes noted over the last several weeks, causing considerable damage to the scientific collection installations. **The current and planned locations of the buoys are provided below. Thank you for your consideration. **

Buoy Name	Type	Latitude (DMS)	Longitude (DMS)	Estimated Dates Of Deployment	
				From	To
WR1	Wave Monitoring Buoy	36° 56' 19.27" N	075° 26' 30.67" W	Apr-24	1-Jul-24
WR2	Wave Monitoring Buoy	36° 53' 05.43" N	075° 23' 45.61" W	Apr-24	1-Nov-24
WR3	Wave Monitoring Buoy	36° 58' 11.97" N	075° 17' 53.11" W	1-Jul-24	1-Nov-24
WR4	Wave Monitoring Buoy	36° 58' 11.73" N	075° 13' 34.54" W	1-Nov-24	1-Jul-25
WR5	Wave Monitoring Buoy	36° 49' 47.59" N	075° 27' 35.06" W	1-Nov-24	30-Apr-26
WR6	Wave Monitoring Buoy	36° 50' 45.27" N	075° 16' 29.88" W	1-Jul-25	31-Dec-25
B1N	Wave Monitoring Buoy	36° 49' 06.77" N	075° 54' 25.59" W	1-Sep-24	31-Aug-25
B1S	Wave Monitoring Buoy	36° 48' 35.53" N	075° 54' 25.22" W	Back up location for B1N	
B2N	Wave Monitoring Buoy	36° 48' 19.52" N	075° 47' 09.59" W	1-Sep-24	31-Aug-25
B2S	Wave Monitoring Buoy	36° 47' 42.22" N	075° 47' 08.04" W	Back up location for B2N	
B4S	Wave Monitoring Buoy	36° 47' 49.64" N	075° 39' 46.93" W	1-Sep-24	31-Aug-25
B5S	Wave Monitoring Buoy	36° 49' 37.69" N	075° 33' 56.82" W	1-Sep-24	31-Aug-25
B1-P1	Passive Acoustic Monitoring Buoy	36° 52' 33.51" N	075° 28' 39.4284" W	May-24	Jun-24
B2-P1	Passive Acoustic Monitoring Buoy	36° 54' 51.57" N	075° 29' 10.23" W	May-24	Jun-24
B3-P1	Passive Acoustic Monitoring Buoy	36° 58' 23.07" N	075° 28' 00.94" W	May-24	Jun-24
B4-P1	Passive Acoustic Monitoring Buoy	36° 59' 35.06" N	075° 23' 43.15" W	May-24	Oct-24
B5-P1	Passive Acoustic Monitoring Buoy	36° 55' 02.72" N	075° 25' 30.01" W	May-24	Aug-24
B6-P1	Passive Acoustic Monitoring Buoy	36° 51' 52.58" N	075° 24' 14.42" W	May-24	Aug-24
B1-P2	Passive Acoustic Monitoring Buoy	36° 52' 08.79" N	075° 20' 10.85" W	Jun-24	Aug-24
B2-P2	Passive Acoustic Monitoring Buoy	36° 57' 23.11" N	075° 19' 50.83" W	Jun-24	Aug-24
B3-P2	Passive Acoustic Monitoring Buoy	36° 59' 52.30" N	075° 17' 05.82" W	Jun-24	Aug-24
B4-P2	Passive Acoustic Monitoring Buoy	36° 58' 15.95" N	075° 15' 17.65" W	Sep-24	Oct-24
B5-P2	Passive Acoustic Monitoring Buoy	36° 55' 15.55" N	075° 15' 57.15" W	Sep-24	Oct-24
B6-P2	Passive Acoustic Monitoring Buoy	36° 51' 36.19" N	075° 18' 43.08" W	Sep-24	Oct-24
OSS B1	Passive Acoustic Monitoring Buoy	36° 55' 07.22" N	075° 25' 23.12" W	Aug-24	Aug-24
OSS B2	Passive Acoustic Monitoring Buoy	36° 55' 17.32" N	075° 16' 55.20" W	Aug-24	Aug-24
OSS B3	Passive Acoustic Monitoring Buoy	36° 50' 46.23" N	075° 20' 47.11" W	Aug-24	Aug-24
OSS B4	Passive Acoustic Monitoring Buoy	36° 54' 02.16" N	075° 21' 08.31" W	Aug-24	Aug-24

Completed Monopile (Foundation) Installations - green indicates new positions:

Name	Type	Coordinates	Installation date
G2K04	Monopile	36.869196°N 075.456227°W	05/25/2024
G2J05	Monopile	36.884680°N 075.442662°W	05/26/2024
G2J04	Monopile	36.884621°N 075.458216°W	05/28/2024
G2J03	Monopile	36.884560°N 075.473769°W	05/31/2024
G2H05	Monopile	36.900106°N 075.444659°W	06/04/2024
G2H06	Monopile	36.900163°N 075.429103°W	06/07/2024
G2K03	Monopile	36.869135°N 075.471777°W	06/08/2024
G2J06	Monopile	36.884737°N 075.427109°W	06/14/2024
G2H04	Monopile	36.900047°N 075.460216°W	06/16/2024

G2H03	Monopile	36.899985°N 075.475772°W	06/17/2024
G2K05	Monopile	36.869255°N 075.440677°W	06/18/2024
G2G06	Monopile	36.915589°N 075.431087°W	06/19/2024
G2G05	Monopile	36.915531°N 075.446646°W	06/20/2024
G2F07	Monopile	36.931061°N 075.417520°W	06/22/2024
G2E07	Monopile	36.946487°N 075.419502°W	06/23/2024
G2F06	Monopile	36.931005°N 075.433082°W	06/25/2024
G2F03	Monopile	36.930826°N 075.479770°W	06/26/2024
G2G03	Monopile	36.915410°N 075.477765°W	06/28/2024
G2F04	Monopile	36.930888°N 075.464208°W	06/29/2024

G2F05	Monopile	36.930947°N 075.448645°W	07/01/2024
G2E06	Monopile	36.946431°N 075.435068°W	07/02/2024
G2E05	Monopile	36.946373°N 075.450634°W	07/03/2024
G2E03	Monopile	36.946250°N 075.481765°W	07/04/2024
G2D06	Monopile	36.961856°N 075.437065°W	07/05/2024
G2D04	Monopile	36.961737°N 075.468203°W	07/06/2024
G2C05	Monopile	36.977382°N 075.455728°W	07/09/2024
G2D05	Monopile	36.961798°N 075.452634°W	07/10/2024
G2D07	Monopile	36.961912°N 075.421496°W	07/13/2024
G2D08	Monopile	36.961966°N 075.405927°W	07/14/2024
G2B06	Monopile	36.992697°N 075.441051°W	07/15/2024
G2C07	Monopile	36.977338°N 075.423486°W	07/16/2024
G2C06	Monopile	36.977281°N 075.439052°W	07/17/2024

G2E08	Monopile	36.946541°N 075.403936°W	07/19/2024
G2B07	Monopile	36.992754°N 075.425476°W	07/20/2024
G2D09	Monopile	36.962019°N 075.390358°W	07/21/2024
G2F08	Monopile	36.931114°N 075.401957°W	07/22/2024
G2G04	Monopile	36.915697°N 075.399967°W	7/25/2024
G2D11	Monopile	36.962117°N 075.359220°W	7/28/2024
G2E11	Monopile	36.946690°N 075.357238°W	7/29/2024
G2D10	Monopile	36.962069°N 075.374789°W	7/29/2024
G2E09	Monopile	36.946592°N 075.388370°W	7/31/2024
G2H08	Monopile	36.900271°N 075.397990°W	8/02/2024
G2F11	Monopile	36.931263°N 075.355268°W	8/03/2024
G2F10	Monopile	36.931216°N 075.370831°W	8/04/2024

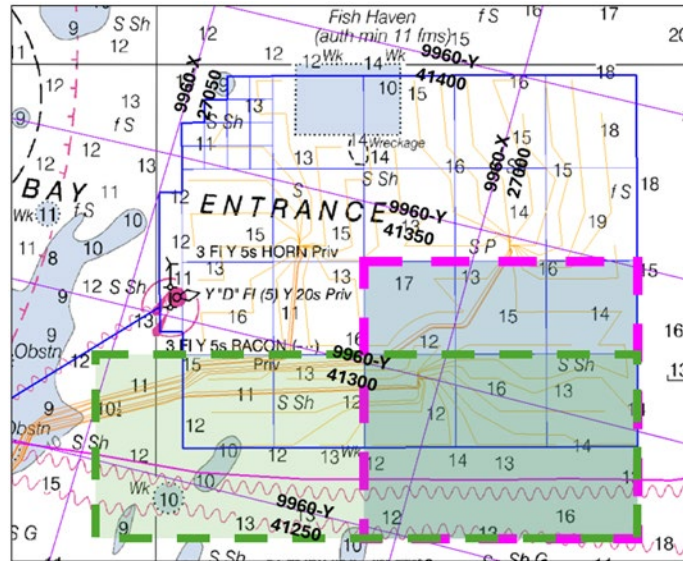
Mariners are encouraged to contact Dominion Energy's Fisheries Liaisons, ronlarsen@searisksolutions.com, with any specific questions about CVOW project activities in relation to fisheries. Additional project information is available on the CVOW project website. Please reach out to the CVOW Marine Affairs Manager Mike Lewis with any other questions: michael.b.lewis@dominionenergy.com.

VA – SEACOAST - FISHERIES RESOURCE CHARACTERIZATION STUDIES

In partnership with the Virginia Institute of Marine Science (VIMS), the Virginia Marine Resource Commission (VMRC), and commercial fishermen, Dominion Energy is conducting resource assessment studies for Black Sea Bass, Channeled Whelk, and Atlantic Surfclam in and around the project area, specifically the areas outlined in the chartlets below.

Area bound by: NW Corner: 36.849 N, 75.486 W, NE Corner: 36.849 N, 75.215 W, SE Corner: 36.801 N, 75.215 W, SW Corner: 36.801 N, 75.486 W. The use of novel acoustic release device technology eliminates the need for vertical lines and marker buoys in the water.

- **Black Sea Bass:** The study consists of 8 strings of ventless traps with 6 traps per string. Sampling once per month, with a 48-hour soak and acoustic release buoys are utilized to recover the gear. The chart below displays the study area, which includes locations south of the Lease Area. The study is currently taking place utilizing the VIMS R/V Bay Eagle and will continue through 2024. The study area is outlined in pink below.



- **Channeled Whelk:** The study uses 18 strings of 7 pots, a 48-hour soak time and recovery by acoustic release buoys. This cooperative study will be completed in partnership with local commercial whelk fishermen, and activities will continue through 2024. The study area includes the southern portion of the CVOW lease site (with future turbine locations) and a control area outside the Lease Area. The entire study area is outlined in green on the chartlet.

Mariners are encouraged to contact Dominion Energy's Fisheries Liaisons with any specific questions about CVOW project activities in relation to fisheries. Additional project information is available on the [CVOW project website](#).

Chart 12200

TEMPORARY CHANGES to ATON - AMPLIFYING INFORMATION REGARDING SECTION III

(Information in this Enclosure is only for temporary relocated aids. See SECTION III for complete listing of temporary changes)

ENCLOSURE (6)

LLNR	Aid Name	Status	BNM Ref	LNM St	Temporary Relocated to Approximate Position	
					Lat	Long
455	Chesapeake Bay Southern Approach Lighted Buoy 9	RELOCATED FOR DREDGING	0340D5	26/24	36-52-10.004N	075-52-18.170W
460	Chesapeake Bay Southern Approach Lighted Buoy 10	RELOCATED FOR DREDGING	0340D5	26/24	36-52-21.995N	075-52-05.117W
3690	Upper Delaware River Channel Lighted Buoy 10	RELOCATED FOR DREDGING	366D5	36/23	40-00-36.406N	075-02-39.508W
3860	Upper Delaware River Channel Lighted Buoy 30	RELOCATED FOR DREDGING	366D5	36/23	40-04-09.533N	074-55-37.761W
3920	Upper Delaware River Channel Lighted Buoy 36	RELOCATED FOR DREDGING	366D5	36/23	40-04-25.728N	074-53-50.734W
3925	Upper Delaware River Channel Buoy 39	RELOCATED FOR DREDGING	366D5	36/23	40-04-46.170N	074-53-08.618W
3930	Upper Delaware River Channel Lighted Buoy 40	RELOCATED FOR DREDGING	366D5	36/23	40-04-38.726N	074-53-07.310W
3955	Upper Delaware River Channel Lighted Buoy 43	RELOCATED FOR DREDGING	366D5	36/23	40-05-00.068N	074-51-53.381W
8245	Francis Scott Key Memorial Buoy	RELOCATED TEMPORARILY	0334D5	26/24	39-13-40.544N	076-31-38.331W
9445	Elizabeth River Lighted Buoy 1	RELOCATED FOR DREDGING	0401D5	32/24	36-59-15.575N	076-18-40.809W
9465	Elizabeth River Lighted Buoy 3	RELOCATED FOR DREDGING	0401D5	32/24	36-58-25.221N	076-19-43.845W
9470	Elizabeth River Lighted Buoy 5	RELOCATED FOR DREDGING	0401D5	32/24	36-58-00.000N	076-19-59.431W
9475	Elizabeth River Lighted Buoy 7	RELOCATED FOR DREDGING	0401D5	32/24	36-57-44.515N	076-20 00.208W
9515	Elizabeth River Lighted Buoy 9	RELOCATED FOR DREDGING	0401D5	32/24	36-56-37.013N	076-20-06.281W
9520	Elizabeth River Lighted Buoy 10	RELOCATED FOR DREDGING	0401D5	32/24	36-56-35.910N	076-20-24.372W
9525	Elizabeth River Lighted Buoy 11	RELOCATED FOR DREDGING	0358D5	29/24	36-55-51.793N	076-20-09.879W
9530	Elizabeth River Lighted Buoy 12	RELOCATED FOR DREDGING	0358D5	29/24	36-55-47.579N	076-20-28.244W
9600	Elizabeth River Lighted Buoy 18	RELOCATED FOR DREDGING	0188D5	16/24	36-54-15.852N	076-20-23.261W
9620	Elizabeth River Lighted Buoy 20	RELOCATED FOR DREDGING/TRLB	0188D5	16/24	36-53-32.289N	076-20-15.591W

******REPORTED UNEXPLODED ORDNANCES (UXO)******

Enclosure (7)

The Coast Guard advertises reported unexploded ordnances (UXO) information through local, Sector Broadcast Notice to Mariners (BNMs) and through the weekly, Fifth Coast Guard District LNM. BNMs are additionally available directly to mariners by email sign-up at the CG Navigation Center Web Site [Subscribe to Our RSS Feeds | Navigation Center \(uscg.gov\)](https://www.denix.osd.mil/uxo/). Information on proper reporting and safety procedures for UXOs can be found at the following link: <https://www.denix.osd.mil/uxo/>.

The following is a list of Reported Unexploded Ordnances (UXO) in Fifth Coast Guard District. New information will be highlighted in yellow.

LNM Added – UXO REF #	Latitude	Longitude	LNM Added – UXO REF #	Latitude	Longitude
19/23 – A1 M3281	36-48-04.3488N	075-39-40.572W	19/23 – A1 M3713	36-48-00.256N	075-39-44.719W
20/23 – A1 M2398	36-48-09.163N	075-40-09.461W	20/23 – A1 M4108	36-48-14.134N	075-40-36.742W
20/23 – A1 M1660	36-48-03.505N	075-40-19.866W	20/23 – A1 M1176	36-47-59.422N	075-40-56.776W
20/23 – A1 M4176	36-47-59.243N	075-40-40.894W	20/23 – A1 M1046	36-47-55.476N	075-42-18.279W
20/23 – A1 M467	36-47-56.662N	075-41-54.717W	20/23 – A1 M 2490	36-48-00.934" N	075-41-08.176W
20/23 – A1 M1042	36-48-02.523N	075-41-25.176W	20/23 – A1 M3738	36-48-15.167N	075-39-56.484W
20/23 – A1 M1095	36-48-15.167N	075-39-56.484W	20/23 – A1 M3416	36-48-02.302N	075-43-13.289W
20/23 – A1 M1823	36-47-56.095N	075-43-48.899W	21/23 – A1 M1823	36-47-56.095N	075-43-48.899W
21/23 – A1 M2084	36-48-00.203N	075-43-43.218W	21/23 – A1 M2027	36-48-01.787N	075-45-24.997W
21/23 – A1 M1276	36-48-13.791N	075-39-56.586W	24/23 – A1 M882	36-48-04.768N	075-46-20.263W
24/23 – A1 M287	36-47-51.493N	075-45-58.878W	25/23 – A2 M5443A	36-50-57.0012N	075-25-16.258W
25/23 – A2 M5397	36-51-37.198N	075-25-56.11W	26/23	39-28-09.5211N	073-23-41.308W
26/23 – A1 M1679	36-48-11.693N	075-50-02.369W	26/23 – A1 M2401	36-48-11.652N	075-49-56.560W
26/23 – A2 M5009	36-48-25.92N	075-38-39.361W	26/23 – A1 M5011	36-48-20.401N	075-38-38.281W
28/23 – A2 5002	36-48-26.751N	075-38-50.486W	28/23 – A1 1507	36-48-19.061N	075-51-05.593W
28/23 – A1 1612	36-48-31.355N	075-50-34.784W	28/23 – A1-M1378	36-48-29.317N	075-51-29.738W
28/23 – A1 M1382	36-48-29.318N	075-51-28.876W	28/23 – A1-M1393	36-48-28.290N	075-51-26.762W
28/23 – A1-M1446	36-48-28.504N	075-51-18.009W	28/23 – A1-M1502	36-48-26.593N	075-51-08.710W
28/23 – A1-M1515	36-48-29.579N	075-50-59.905W	28/23 – A1-M1519	36-48-29.495N	075-50-59.560W
28/23 – A1-M1568	36-48-23.742N	075-50-54.076W	28/23 – A1-M5020	36-49-39.705N	075-34-23.925W
28/23 – A2-M5025	36-49-47.534N	075-34-30.241W	28/23 – A2-M5060	36-50-04.368N	075-33-14.319W
28/23 – A2-M5356	36-51-46.141N	075-23-03.48W	28/23 – A2-M5408	36-51-36.961N	075-23-19.201W
28/23 – A2-M5508	36-52-13.26N	075-21-05.698W	28/23 – A2-M5200	36-50-01.871N	075-32-39.450W
28/23 – A2-M5286	36-50-31.711N	075-32-30.463W	28/23 – A1-M609	36-48-58.393N	075-52-19.926W
28/23 – A1-M3713	36-48-00.1872N	075-39-44.6688W	28/23 – A2 –M5220	36-50-49.605N	075-30-12.542W
28/23 – A1-M571	36-48-56.831N	075-52-27.635W	28/23 – A1–M2024	36-48-06.121N	075-40-13.536W
28/23 – A1–M2309	36-47-58.278N	075-43-42.811W	28/23 – A1-M4016	36-48-11.400N	075-41-27.019W
30/23 – A2-M5003	36-48-20.056N	075-38-49.087W	30/23 – A2-M5005	36-48-25.543N	075-38-48.548W
30/23 – A2-M5006	36-48-25.246N	075-38-47.586W	30/23 – A2-M5010	36-48-21.866N	075-38-38.468W
30/23 – A1-M1475	36-48-21.300N	075-51-16.342W	30/23 – A1-M1540	36-48-26.813N	075-50-57.913W
30/23 – A1-M989	36-47-55.613N	075-41-17.044W	30/23 – A2-5400	36-50-54.829N	075-23-28.697W
31/23 – A1-M3483	36-48-10.651N	075-48-42.200W	31/23 – A2-M5069	36-50-33.236N	075-30-45.012W
32/23 – A3-M12681	36-52-06.253N	075-28-15.329W	32/23 – A3-M12802	36-52-06.202N	075-27-20.001W
32/23 – A3-M12660	36-52-13.124N	075-28-18.121W	32/23 – A3-M12664	36-52-11.750N	075-28-17.862W
32/23 – A3-M12981	36-52-05.765N	075-26-27.903W	32/23 – A3-M13129	36-52-09.388N	075-25-33.600W
32/23 – A3-M13157	36-52-10.267N	075-25-30.162W	32/23 – A3-M13171	36-52.09.272N	075-25-25.539W
32/23 – A3-M12960	36-53-04.942N	075-26-31.522W	32/23 – A3-M12970	36-53-05.451N	075-26-29.614W
32/23 – A3-13547	36-52-09.363N	075-22-48.180W	33/23 – A3-M12940	36-53-06.859N	075-26-34.249W
33/23 – A3-M12942	36-53-01.253N	075-26-34.173W	33/23 – A3-M12955	36-53-01.782N	075-26-32.259W
33/23 – A3-M12617	36-53-02.283N	075-28-25.885W	33/23 – A3-M13519	36-54-00.701N	075-22-52.737W
33/23 – A3-M13888	36-53-56.775N	075-24-50.247W	33/23 – A3-M14047	36-54-00.573N	075-28-28.754W
33/23 – A3-M13993	36-53-58.954N	075-27-33.911W	33/23 – A3-M11968	36-55-00.902N	075-24-00.794W
33/23 – A3-M12186	36-54-53.259N	075-23-06.871W	33/23 – A3-M12189	36-54-52.373N	075-23-06.363W
33/23 – A3-M12223	36-54-54.358N	075-23-03.083W	33/23 – A3-M12223-A	36-54-54.233N	075-23-03.147W
33/23 – A3-M12226	36-54-54.046N	075-23-02.485W	33/23 – A3-M12236	36-54-55.407N	075-23-00.306W
33/23 – A3-M14020	36-53-59.663N	075-27-33.347W	33/23 – A3-M14055	36-54-01.037N	075-27-33.182W
33/23 – A3-M14001	36-53-59.586N	075-25-46.929W	34/23 – A3-M12128	36-55-51.623N	075-23-14.675W
34/23 – A3-M11180	36-59-30.921N	075-25-28.610W	34/23 – A3-M10664	36-59-37.790N	075-26-24.876W
34/23 – A3-M11181	36-58-40.340N	075-25-28.062W	34/23 – A3-M12474	36-57-45.516N	075-21-29.763W
34/23 – A3-M10169	36-56-46.569N	075-27-58.305W	34/23 – A3-M10229	36-54-57.231N	075-27-45.345W
34/23 – A3-M10233	36-54-52.203N	075-27-44.868W	34/23 – A3-M10246	36-54-56.861N	075-27-43.122W
34/23 – A3-M10262	36-54-59.682N	075-27-40.293W	34/23 – A3-M11738	36-57-43.379N	075-24-26.366W
35/23 – A3-M12897	36-54-28.623N	075-27-39.272W	35/23 – A3-M12730	36-54-17.100N	075-27-37.082W
35/23 – A3-M12865	36-53-48.652N	075-26-38.577W	35/23 – A3-M12879	36-53-51.858N	075-26-37.910W

35/23 – A3-M13866	36-53-54.228N	075-26-38.146W	35/23 - A3-M10489	36-54-57.510N	075-26-53.642W
35/23 - A3-M12721	36-54-28.623N	075-27-39.272W	35/23 – A3-M10274	36-54-53.703N	075-27-38.912W
35/23 - A3-M11079	36-56-26.880N	075-25-39.260W	35/23 - A3-M12358	36-54-53.346N	075-22-17.898W
35/23 - A3-M13757	36-55-45.313N	075-24-59.159W	35/23 - A3-M12353	36-54-54.719N	075-22-18.849W
36/23 – A3-M12633	36-52-49.806N	075-28-21.933W	36/23 – A3-M13649	36-52-08.123N	075-22-10.098W
37/23 – A4-M6345	36-53-03.536N	075-19-02.379W	37/23 – A4-M6328	36-53-05.837N	075-19-07.512W
37/23 – A4-M6569	36-53-08.357N	075-17-12.990W	37/23 – A4-M12041	36-54-52.057N	075-23-27.088W
37/23 – A4-M6326	36-54-02.507N'	075-19-08.752W	37/23 – A4-M6508	36-54-58.543N	075-17-25.671W
37/23 – A4-M7140	36-58-41.461N	075-20-45.097W	37/23 – A4-7137	36-58-41.831N	075-20-45.281W'
37/23 – A3-M10854	36-57-33.898N	075-26-04.534W	37/23 – A3-M14216	36-58-01.572N	075-25-17.253W
37/23 – A4-M7483	36-58-37.381N	075-19-47.622W	37/23 – A4-M7111A	36-58-36.706N	075-20-49.819W
38/23 – A3-M13016	36-52-08.592N	075-26-04.242W	38/23 – A3-M13002	36-52-08.994N	075-26-15.026W
38/23 – A3-M12999	36-52-09.287N	075-26-18.351W	38/23 – A3-M12829	36-52-07.532N	075-27-00.043W
39/23 – A3-M7736	36-56-47.035N	075-19-36.600W	39/23 – A3-M10530	36-56-46.272N	075-26-45.027W
39/23 – A3-M10343	36-56-45.173N	075-27-22.535W	39/23 – A4-M8010	36-57-41.119N	075-18-41.589W
40/23 – A3-M12935	36-53-19.989N	075-26-34.704W	40/23 – A4-M9028	36-57-39.771N	075-15-58.750W
40/23 – A3-M9063	36-57-40.148N	075-15-55.079W	41/23 – A4-M8537	36-57-46.184N	075-16-55.070W
41/23 – A4-M9489	36-57-47.782N	075-15-00.268W	41/23 – A5-M16562	36-52-11.501N	075-20-50.321W
41/23 – A3-M11226	36-55-22.975N	075-25-22.675W	41/23 – A5-M16546	36-52-14.674N	075-20-52.801W
42/23 – A3-M14007	36-53-59.175N	075-28-03.133W	42/23 – A3-M13957A	36-53-57.931N	075-28-00.651W
42/23 – A3-M13957	36-53-57.868N	075-28-00.504W	42/23 – A3-12941	36-53-24.961N	075-26-34.511W
42/23 – A3-10340	36-54-54.801N	075-27-22.593W	42/23 – A3-10401	36-54-54.280N	075-27-09.237W
42/23 – A3-M10386	36-54-53.761N	075-27-12.715W	42/23 – A3-10541	36-55-51.947N	075-26-41.825W
42/23 – A3-M10542	36-55-51.436N	075-26-41.715W	43/23 – A5-M16944	36-52-08.878N	075-19-55.478W
43/23 – A5-M18000	36-52-09.973N	075-16-16.657W	43/23 – A5-M18010	36-52-10.158N	075-16-14.816W
43/23 – A5-M18022	36-52-06.598N	075-16-11.317W	43/23 – A5-M18025	36-52-11.317N	075-16-12.949W
43/23 – A5-M18015	36-52-11.860N	075-16-12.949W	43/23 – A5-M18305	36-52-07.557N	075-14-22.456W
43/23 – A5-M18326	36-52-13.772N	075-14-14.172W	44/23 – A5-M18459	36-52-15.476N	075-13-22.657W
44/23 – A5-M17322	36-51-15.231N	075-18-48.755W	44/23 – A5-M16630	36-51-10.355N	075-20-40.766W
44/23 – A5-M16658	36-51-15.792N	075-20-35.968W	44/23 – A5-M16478	36-49-26.397N	075-21-20.065W
44/23 – A5-M16463	36-49-27.141N	075-21-23.904W	44/23 – A5-M11622	36-49-23.666N	075-22-17.279W
44/23 – A5-M16171	36-49-23.672N	075-22-24.695W	45/23 – A5-M17132	36-49-23.287N	075-19-30.432W
45/23 – A5-M15551	36-49-22.249N	075-25-13.282W	45/23 – A5-M15566	36-49-24.047N	075-25-10.670W
45/23 – A5-M17393	36-49-20.517N	075-18-38.443W	45/23 – A5-M18649	36-49-22.449N	075-13-02.358W
45/23 – A5-M18542	36-49-28.124N	075-13-04.053W	45/23 – A5-M18650	36-49-29.698N	075-13-00.542W
45/23 – A5-M18061	36-50-19.449N	075-16-02.650W	45/23 – A5-M18076	36-50-21.719N	075-15-59.170W
45/23 – A5-M18212	36-50-19.063N	075-14-58.377W	46/23 – A5-M16137	36-50-16.527N	075-22-32.067W
46/23 – A5-M16682	36-50-22.534N	075-20-32.981W	46/23 – A5-M17048	36-50-16.146N	075-19-39.550W
46/23 – A5-M17635	36-50-20.593N	075-17-48.579W	46/23 – A5-M17878	36-50-22.892N	075-16-48.910W
46/23 – A5-M15203	36-50-20.358N	075-27-02.957W	46/23 – A5-M15062	36-49-25.179N	075-27-56.624W
47/23 – A5-02382	36-48-53.290N	075-53-29.940W	47/23 – A5-M15209	36-49-17.500N	075-27-02.092W
47/23 – A5-M15919	36-51-18.094N	075-23-31.094W	47/23 – A5-M16392	36-51-19.102N-	075-21-42.164W
48/23 – A4-M9562	36-56-29.341N	075-14-49.024W	48/23 – A5-M15612	36-51-22.212N	075-25-01.923W
48/23 – A5-M15656	36-51-22.023N	075-24-51.801W	49/23 – A5-M9454	36-58-19.307N	075-15-03.108W
49/23 – A5-M15976	36-51-14.792N	075-23-20.731W	49/23 – A5-M15983	36-51-14.034N	075-23-20.005W
49/23 – A4-M6634	36-54-17.745N	075-16-34.555W	49/23 – A5-M9107	36-57-31.478N	075-15-49.926W
49/23 – A4-M9114	36-57-23.211N	075-15-47.854W	49/23 – A5-M16080	36-50-25.105N	075-22-50.551W
49/23 – A5-M16114	36-50-27.999N	075-22-36.504W	49/23 – A5-M16193	36-50-39.080N	075-22-21.809W
49/23 – A5-M15863	36-50-22.282N	075-23-57.155W	49/23 – A5-M15440	36-50-17.628N	075-25-53.287W
49/23 – A4-M6656	36-54-22.850N	075-16-30.651W	49/23 – A5-M15892	36-50-08.263N	075-23-41.556W
49/23 – A5-M15296	36-49-26.603N	075-26-46.103W	50/23 – A4-M7001	36-55-56.918N	075-14-12.095W
50/23 – A5-M15465	36-49-21.322N	075-25-29.685W			
50/23 – A5-M16906	36-51-42.239N	075-20-01.243W	50/23 – A5-M16255	36-49-23.222N	075-22-07.175W
50/23 – A5-M16755	36-51-30.382N	075-20-26.309W	50/23 – A5-M16838	36-51-26.984N	075-20-08.769W
50/23 – A5-M16811	36-50-55.787N	075-20-11.185W	50/23 – A5-16733	36-50-56.820N	075-20-29.528W
51/23 - A4-M6788	36-54-00.213N	075-15-46.871W	51/23 – A4-M6896	36-54-01.171N	075-15-02.750W
51/23 – A4-6892	36-54-01.962N	075-15-10.886W	51/23 – A4M7029	36-54-00.488N	075-13.47.371W
51/23 – A5-M17276	36-49-48.303N	075-18-54.559W	51/23 – A4-M6585	36-53-06.678N	075-17-05.908W
51/23 – A5-M17774	36-50-02.812N	075-17-13.806W	51/23 – A5-M18197	36-49-40.876N	075-15-04.608W
51/23 – A5-M17084	36-49-59.437N	075-19-35.895W	51/23 – A4-M6288	36-53-02.994N	075-19-13.681W
52/23 – A5-M17529	36-50-49.672N	075-18-35.989W	52/23 – A5-M17422	36-50-14.157N	075-18-09.256W
52/23 – A5-M18348	36-52-12.120N	075-14-10.238W	52/23 -A5-M18411	36-50-59.345N	075-13-51.728W
52/23 – A5-M18413	36-50-59.112N	075-13-51.144W	52/23 – A5-M18425	36-52-09.232N	075-13-43.971W
52/23 – A5-M18493	36-51-41.614N	075-13-17.040W	52/23 – A5-M18515	36-51-23.500N	075-13-14.738W
52/23 – A5-M17706	36-50-19.937N	075-17-35.232W	52/23 – A5-M17723	36-50-19.937N	075-17-29.248W
52/23 – A5-M17902	36-50-19.518N	075-16-45.198W	52/23 – A5-M18130	36-50-20.756N	075-15-44.039W
52/23 – A5-M18139	36-50-19.786N	075-15-36.754W	03/24 – A5-M17701	36-50-20.071N	075-17-36.090W
03/24 – A5-M18187	36-51-24.329N	075-15-08.063W	03/24 – A4-6400	36-54-55.715N	075-18-30.795W
03/24 – A4-6471	36-55-01.243N	075-18-30.795W	03/24 – A2-M5407	36-51-03.346N	075-20-15.422W
03/24 – A2-M5459	36-50-58.363N	075-20-33.385W	03/24 – A2-M5379	36-54-54.776N	075-17-16.948W
04/24 – A4-7148	36-58-49.869N	075-20-43.951W	05/24 – A4-8038	36-57-38.785N	075-1838.120W

05/24 – A4-8021	36-57-39.184N	075-18-40.011W	05/24 – A4-7580	36-58-22.864N	075-19-41.678W
05/24 – A4-7561	36-58-20.090N	075-19-42.458W	08/24 – A1-M01340	36-47-59.31N	075-41-39.67W
08/24 – A1-M00703	36-48-04.60N	075-41-41.87W	09/24 – A1-M01882	36-48-21.28N	075-39-49.02W
12/24 – A2-M05011A	36-48-20.55N	075-38-38.25W	13/24 – A2-DEB24-003	36-50-47.61N	075-26-21.71W
13/24 – A2-DEB24-24-008	36-52-25.66N	075-21-01.13W	15/24 – A1-M01416	36-48-05.30N	075-40-18.49W
23/24 – A2-M05394	36-51-53.48N	075-25-38.25W	24/24 – A5-M16614A	36-51-13.95N	075-20-43.93W
24/24 – A1-M05240A	36-50-38.45N	075-29-55.75W	24/24 – A1-M01679A	36-48-11.76N	075-50-02.17W
25/24 – A2-M05060B	36-50-04.21N	075-33-14.50W	25/24 – A3-M12223B	36-54-54.246N	075-23-03.605W
29/24 – A3-M10409	36-54-52.537N	075-27-07.735W	30/24 – A5-M17563	36-49-20.942N	075-18-00.655W
30/24 – A5-M16832	36-50-56.308N	075-20-09.096W	30/24 – A5-DEB-42-001	36-50-40.49N	075-21-41.45W
31/24 – A4-M09658B	36-57-18.123N	075-14-02.992W			

Enclosure (8)

NOTMAR ROCKET LAUNCH LAUNCH OPERATIONS (REV A)

5AUG2024

Notice to Mariners: Wallops Rocket Launch

What: ROCKSAT X 2024

When: 08/13/24 05:45AM-08/13/24 10:30AM

b/u: 08/14/24 05:45 AM-08/14/24 10:30 AM

b/u: 08/15/24 05:45 AM-08/15/24 10:30 AM

b/u: 08/16/24 05:45 AM-08/16/24 10:30 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

Wallops Launch Status Line at 757-824-2050.

To receive NASA Mariner Notices by email, contact Jordan.a.West@nasa.gov

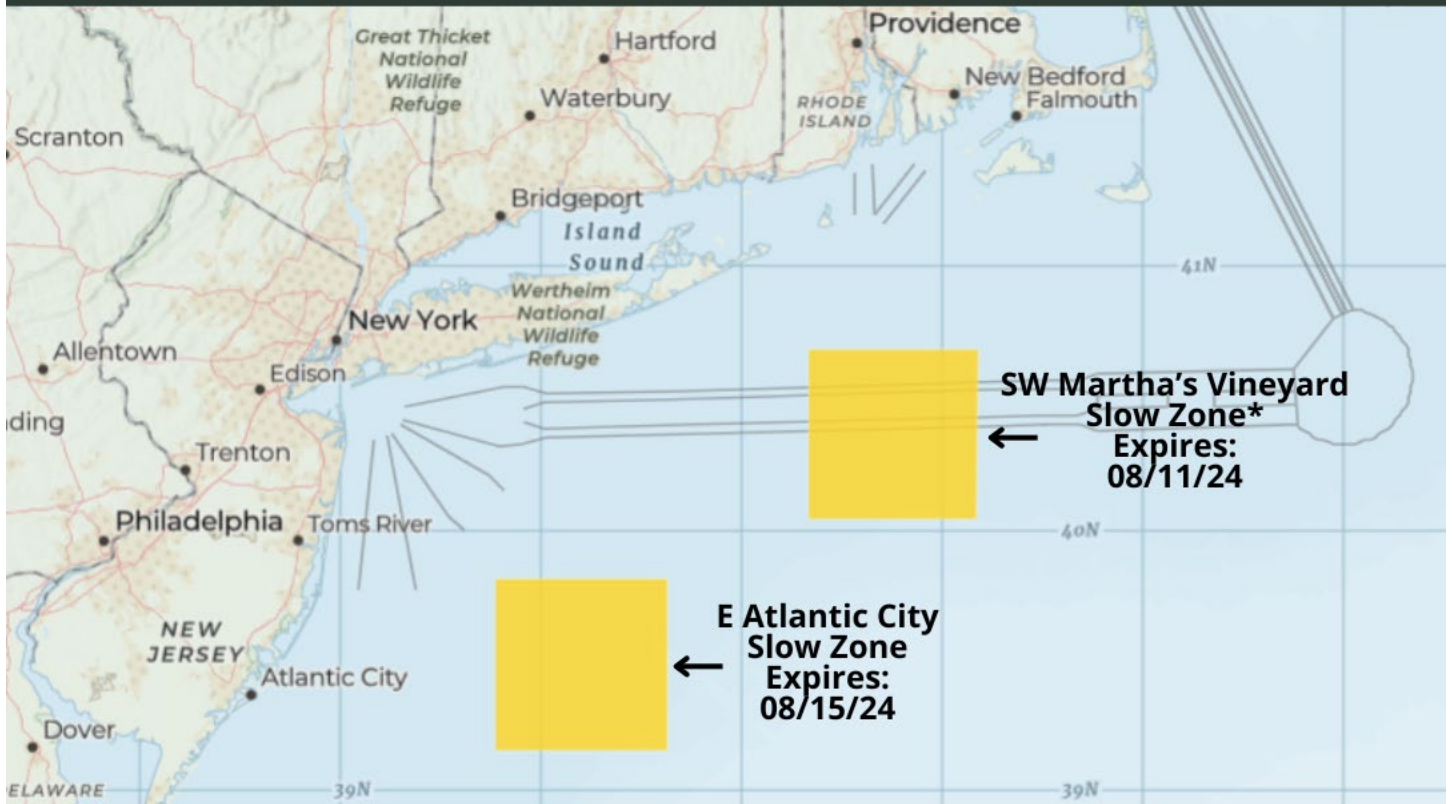
NOTMAR ROCKET LAUNCH LAUNCH OPERATIONS (REV A)

PSAA 1			
Decimal Degrees		Degrees -Decimal Minutes	
Latitude	Longitude	Latitude	Longitude
37.7166	-75.3765	3743N	7523W
37.5774	-75.1348	3735N	7508W
37.4641	-75.0139	3728N	7501W
37.2020	-74.8601	3712N	7452W
37.0356	-74.6514	3702N	7439W
37.0067	-74.4778	3700N	7429W
37.0074	-74.2176	3700N	7413W
37.0882	-73.9482	3705N	7357W
37.2808	-73.7615	3717N	7346W
37.5703	-73.7598	3734N	7346W
37.8728	-73.9372	3752N	7356W
37.9422	-74.2888	3757N	7417W
37.9335	-74.5085	3756N	7431W
37.8295	-74.8052	3750N	7448W
37.8295	-74.8931	3750N	7454W
37.8728	-75.1018	3752N	7506W
37.8555	-75.3655	3751N	7522W
37.8616	-75.3893	3752N	7523W
37.8646	-75.4144	3752N	7525W
37.8642	-75.4424	3752N	7527W
37.8555	-75.4643	3751N	7528W
37.8208	-75.4973	3749N	7530W
37.7687	-75.4973	3746N	7530W
37.7166	-75.3765	3743N	7523W

Enclosure (9)



**ATTENTION ALL BOATERS:
SLOW DOWN TO 10 KNOTS
OR LESS FOR RIGHT WHALES**



Red Areas = Annual Seasonal Management Area (SMA): 10 knots or less required for boats 65 feet and bigger. These speeds are also recommended for smaller boats.



Yellow Areas = where right whales have been sighted (* Dynamic Management Area) or heard. Recommended slow down zones for ALL vessels.



If a Slow Zone overlaps with a SMA, mandatory speed reductions are required. All DMAs/Slow Zones do not apply to inshore waters