



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 09/24

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

2023 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.

US – ATLANTIC SEACOAST – ENDANGERED NORTH ATLANTIC RIGHT WHALES WARNING

Critically endangered right whales may be encountered in offshore and coastal waters. Right whales are at risk of serious injury or death due to collisions with vessels because the whales spend a lot of time at or close to the surface. Collisions with whales are dangerous. Passengers can be injured and vessels badly damaged. U.S. regulation (50 CFR 224.105) prohibits operating vessels 65 feet (19.8 m) or greater in excess of 10 knots in specific managed locations along the U.S. East Coast during times when right whales are likely to be present. See Compliance Guide for Right Whale Ship Strike Reduction Rule at the Reducing Vessel Strikes to North Atlantic Right Whales webpage (below) for specific times, areas, and exceptions to this regulation. Approaching or remaining within 500 yards of right whales is prohibited and is a violation of U.S. regulation. A minimum distance of 500 yards must be maintained from a sighted whale unless hazardous to the vessel or its occupants. The National Oceanic and Atmospheric Administration (NOAA) recommends that operators assume that any whale sighted is a right whale unless confirmed otherwise. NOAA also recommends speeds of 10 knots or less in areas used by right whales and outside of seasonally managed areas when consistent with safety of navigation. In the northeast, please report all right whale sightings, collisions, or entanglements to 866-755-NOAA, or to the Coast Guard via channel 16. WHALESNORTH Mandatory Ship Reporting Area is active year-round. For more information, consult the U.S. Coast Pilot. MSR arrival reports can be sent to [rightwhale.msr\(at\)noaa.gov](mailto:rightwhale.msr(at)noaa.gov). NOAA Right Whale Slow Zones Campaign NOAA Fisheries uses the "Right Whale Slow Zones" campaign to reduce the risk of vessel strike to

critically endangered North Atlantic right whales. Complementary to other NOAA vessel strike reduction efforts, the Slow Zones campaign brings together sighting information from NOAA's Dynamic Management Area program with acoustic detection information from underwater receivers to establish voluntary speed reduction areas. Read more about the new campaign in the web story (link follows). Media Questions: Contact the NOAA Greater Atlantic Regional Office, nmfs.gar.pa(at)noaa.gov. Inquiries about the right whale Slow Zone program: Alicia Schuler, Protected Resources Division (978) 281-9235 For more information, see the Reducing Vessel Strikes to North Atlantic Right Whales webpage: <https://www.fisheries.noaa.gov/national/endangered-species-conservation/reducing-vessel-strikes-north-atlantic-right-whales>.

LNM: 44/23

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

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 \(uscg.gov\)](#). 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

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

CCGD5 (D5) - BNM - 0074, 0075, 0080, 0081, 0082, 0083, 0085, 0088, 0089, 0090, 0092, 0093, 0094, 0095, 0096-24.

Sector Delaware Bay (DB) - BNM - 0017, 0019-24.

Sector Maryland-National Capital Region (MD-NCR) - BNM - 0021, 0150-23, 0031, 0032, 0034, 0037-24.

Sector Virginia (VA) - BNM - 0029, 0030, 0033, 0034-24.

Sector North Carolina (NC) - BNM - 0093, 0094, 0095, 0098, 0099, 0100, 0101, 0102, 0103, 0117, 0118, 0119-24.

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.	LNK St	LNK End
5	NOAA Lighted Data Buoy 44402 (DART)	MISSING	12300	0155DB	35/23	
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	0046NC	04/24	
955	Barnegat Inlet Lighted Buoy 11	OFF STA		0190DB	45/23	
1105	Little Egg Inlet Lighted Buoy 2	MISSING		0051DB	10/23	
1291	Great Egg Harbor Inlet Buoy 9	OFF STA		NONEDB	37/23	
1535	Brown Shoal Light	LT EXT/RAC INOP		102DB	23/21	
1555	Brandywine Shoal Light	REDUCED INT/SS INOP		0182DB	43/23	
1600	Elbow of Cross Ledge Light	LT EXT		341DB	26/22	
1955	Fortescue Entrance Lighted Buoy 2F	OFF STA		0055DB	03/23	
2055	Delaware Bay East Icebreaker Light 2	LT EXT		203DB	35/20	
2097	Rehoboth Bay Channel Warning Light A	STRUCT DEST/TRUB		NONEVA	25/22	
2580	Reedy Island Range Front Light	LT EXT	12311	0028DB	29/19	
2585	Reedy Island Range Rear Light	LT EXT	12311	0019DB	09/24	
2735	New Castle Range Rear Light	LT EXT	12311	103DB	20/22	
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	
7440	Chesapeake Channel Lighted Buoy 62	RAC INOP	12225	0246VA	46/23	
7760	Thomas Point Shoal Light	LT IMCH	12270	0008MD	03/24	
8225	Fort McHenry Channel Range Rear Light	DAYMK IMCH	12281	0146MD	30/23	
8693	Pooles Island Light	LT EXT	12278	110MD	24/21	
9370	Norfolk Entrance Reach Range Front Warning Light	LT EXT	12245	184VA	35/21	
9375	Norfolk Entrance Reach Range Rear Warning Light	LT EXT	12245	185VA	35/21	
10655	Naval Boat Channel Light 10	LT EXT	12245	015VA	02/22	
10843	Golf 2 Anchorage Lighted Mooring Buoy A	OFF STA	12245	041VA	09/22	
11115	Nansemond River Channel Daybeacon 23	STRUCT DEST/TRLB	12248	0204VA	40/23	
11610	Burwell Bay Daybeacon 3	STRUCT DEST	12248	0200VA	40/23	
11875	Hog Island Cutoff Daybeacon 2	STRUCT DEST/TRLB	12248	0169VA	36/23	
12400	James River Channel Lighted Buoy 90	OFF STA		0034VA	09/24	
12595	Appomattox River Channel Daybeacon 17	STRUCT DEST/TRLB		090VA	23/23	
12795	James River Channel Light 168	STRUCT DEST/TRLB		239VA	51/19	
13030	Back River Channel Light 13	DAYMK DMGD	12222	0023VA	06/24	

13410	York River Entrance Channel Lighted Buoy 4	MISSING	12238	0028VA	07/24
13496	York River East Range Front Light	STRUCT DEST/LT EXT/TRLB	12241	0077VA	40/21
14110	York Spit Swash Channel Light 3	STRUCT DEST/HAZ NAV/TRLB	12238	0271VA	50/23
14450	Horn Harbor Warning Daybeacon A	STRUCT DEST/DAYMK MISSING/TRLB	12238	0217VA	11/21
14975	Broad Creek Channel Daybeacon 4	STRUCT DEST/TRUB	12225	0288VA	01/24
15760	Rappahannock River Buoy 70	OFF STA		0033VA	09/24
15765	Rappahannock River Buoy 72	OFF STA		0033VA	09/24
15770	Rappahannock River Buoy 74	OFF STA		0033VA	09/24
15780	Rappahannock River Buoy 77	OFF STA		0033VA	09/24
15785	Rappahannock River Buoy 78	OFF STA		0033VA	09/24
15790	Rappahannock River Buoy 79	OFF STA		0033VA	09/24
16065	Fleets Bay Buoy 2	MISSING	12225	0026VA	06/24
17305	Cobb Island Daybeacon 4	STRUCT DEST/TRUB		0167MD	33/23
18725	Anacostia Light 4	LT EXT		0042MD	09/24
19401	Rockhold Creek Channel Buoy 4	OFF STA	12266	0169MD	33/23
19690	Annapolis Harbor Channel Light 1AH	LT EXT	12283	0024MD	06/24
19780	Triton Light	LT EXT	12283	312MD	36/22
20495	Old Road Bay Light 2RB	STRUCT DEST/HAZ NAV/TRLB	12278	0031MD	08/24
21455	Cape Charles City Light 3	DAYMK MISSING	12221	0029VA	08/24
21667	Nassawadox Creek Warning Daybeacon J	STRUCT DEST/TRUB		005VA	02/20
21800	Nandua Creek Channel Warning Daybeacon G	DAYMK MISSING	12225	0229VA	44/23
23800	Webster Cove Channel Daybeacon 3	STRUCT DEST/TRLB	12230	064MD	19/21
23980	Nanticoke River Channel Light 6	STRUCT DMGD	12230	097MD	11/22
24055	Bivalve Channel Daybeacon 3	STRUCT DEST/TRLB	12230	228MD	26/22
24480	Muddy Hook Cove Channel Daybeacon 2	STRUCT DEST/TRLB	12230	233MD	49/23
24515	Middle Island Bridge West Channel Wreck Daybeacon WR1W	STRUCT DEST/TRUB	12264	0037MD	04/18
24601	Tar Bay Warning Daybeacon F	STRUCT DEST	12264	383MD	51/19
24765	Fishing Creek Daybeacon 3	STRUCT DEST/TRLB	12264	0030MD	07/24
25200	Choptank River Daybeacon 47	STRUCT DEST/TRLB		0186MD	36/23
25445	Trippe Creek Daybeacon 1	STRUCT DEST/TRLB	12266	0225MD	46/23
26415	Kent Island Narrows North Approach Light 2KN	DAYMK MISSING	12270	0039MD	09/24
26440	Kent Island Narrows North Approach Light 8	DAYMK DMGD/STRUCT DMGD	12270	0041MD	09/24
26460	Kent Island Narrows North Approach Light 13	DAYMK MISSING		0040MD	09/24
26790	Chester River Channel Light 34	DAYMK MISSING		0148MD	23/23
27985	Oregon Inlet Lighted Buoy 3	MISSING		0509NC	48/23
27994	Oregon Inlet Lighted Buoy 6	MISSING		0012NC	03/24
27995	Oregon Inlet Jetty Light	LT EXT/DAYMK MISSING		166NC	19/21
28255	Old House Channel Daybeacon 7	STRUCT DEST/TRUB		0303NC	28/23
28295	Old House Channel Light 15	STRUCT DEST/TRLB		0369NC	35/23
28310	Walter Slough Light 3	STRUCT DEST/TRLB		0416NC	37/23
28460	Wanchese Channel Daybeacon 5	STRUCT DEST/TRUB		495NC	50/22
28505	Roanoke Sound Channel Daybeacon 25	STRUCT DEST/TRUB		0200NC	22/23
28600	Roanoke Sound Channel Daybeacon 37	STRUCT DEST/TRUB		0274NC	26/23
28640	Hatteras Inlet Lighted Buoy 1	OFF STA		0091NC	07/24
28650	Hatteras Inlet Lighted Buoy 4	MISSING		0476NC	44/23

28770	Hatteras Inlet Channel Light 21	STRUCT DEST/TRUB	0356NC	33/23
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: 9936722471	0117NC	18/22
28910	Ocracoke Inlet Lighted Buoy 3	MISSING	279NC	31/22
28915	Ocracoke Inlet Lighted Buoy 4	MISSING	510NC	51/22
28920	Ocracoke Inlet Buoy 5	MISSING / Temp V-AIS: MMSI 993672479	102NC	12/21
28926	Ocracoke Inlet Lighted Buoy 6	MISSING / Temp V-AIS: MMSI 993672416	101NC	12/21
28995	Silver Lake Entrance Daybeacon 4	STRUCT DEST/TRUB	454NC	43/22
29020	Silver Lake Entrance Light 9	STRUCT DEST/TRLB	0477NC	47/23
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
29284	Beaufort Inlet Channel Lighted Buoy 7	MISSING	0120NC	09/24
29286	Beaufort Inlet Channel Lighted Buoy 8	OFF STA	0070NC	06/24
29291	Beaufort Inlet Channel Lighted Buoy 10	OFF STA	0071NC	06/24
29430	Fort Macon Creek Warning Light	STRUCT DEST/TRLB	0441NC	40/23
29450	Morehead City Channel Lighted Buoy 23	BUOY DMGD	NONENC	18/23
29640	Bogue Inlet Junction Buoy B	OFF STA	0022NC	03/24
29655	New River Inlet Lighted Buoy 1	MISSING	295NC	33/22
29660	New River Inlet Lighted Buoy 2	MISSING	465NC	33/22
29665	New River Inlet Buoy 3	MISSING	0062NC	09/23
29720	New River Inlet Buoy 10	OFF STA		04/24
29735	New River Channel Wreck Light WR12	OFF STA/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
29975	New Topsail Inlet Buoy 1	OFF STA	0066NC	09/23
29985	New Topsail Inlet Buoy 2	MISSING	0036NC	05/23
29995	New Topsail Inlet Buoy 3	MISSING	0388NC	37/23
30000	New Topsail Inlet Buoy 4	MISSING	0398NC	37/23
30015	New Topsail Inlet Buoy 6	MISSING	0397NC	37/23
30020	New Topsail Inlet Buoy 7	OFF STA	0396NC	37/23
30025	New Topsail Inlet Buoy 8	MISSING	0395NC	37/23
30030	New Topsail Inlet Buoy 9	OFF STA	0347NC	32/23
30032	Old Topsail Creek Buoy 1	MISSING	0400NC	37/23
30033	Old Topsail Creek Buoy 2	MSLD SIG	0401NC	37/23
30038	Old Topsail Creek Buoy 8	OFF STA	0536NC	51/23
30048	Banks Slough Channel Buoy 2BS	MISSING	0065NC	09/23
30048.02	Banks Slough Channel Buoy 3	MSLD SIG	0402NC	37/23
30048.06	Banks Slough Channel Buoy 5	MISSING	0064NC	06/24
30070	Banks Channel Daybeacon 5	STRUCT DEST/TRUB	0457NC	41/23
30135	Banks Channel Buoy 21	MISSING	0084NC	07/24
30175	Masonboro Inlet Lighted Buoy 6	OFF STA	0102NC	08/24
30215	Wrightsville Channel Daybeacon 13	STRUCT DEST/TRUB	0304NC	28/23
30255	Wrightsville Channel Daybeacon 25	STRUCT DEST/HAZ NAV/TRLB	0199NC	22/23
30275	Carolina Beach Inlet Buoy 3	MISSING	0421NC	35/23
30280	Carolina Beach Inlet Buoy 4	MISSING	451NC	46/22
30420	Oak Island Channel Light 2	STRUCT DEST/TRLB	274NC	29/22
30430	Oak Island Channel Daybeacon 5	STRUCT DEST/TRUB	0322NC	30/23

30470	Cape Fear River Channel Lighted Buoy 18	OFF STA		0555NC	52/23
30531	Cape Fear River Channel Lighted Buoy 25A	OFF STA/LT EXT/TRLB		0515NC	49/23
30545	Cape Fear River Channel Lighted Buoy 26	OFF STA		0521NC	50/23
30550	Cape Fear River Channel Lighted Buoy 27	OFF STA		0008NC	02/24
30725	Cape Fear River Channel Lighted Buoy 40	SINKING		0042NC	04/24
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
31025	Lockwoods Folly Inlet Buoy 4	OFF STA		0528NC	51/23
31241.2	Currituck Sound Research Platform C	STRUCT DMGD		019NC	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	11553	0271NC	25/23
31485	Albemarle Sound Light 1AS	STRUCT DEST/TRLB	11553	0051NC	07/23
31665	Kendrick Creek Channel Daybeacon 2	STRUCT DEST/TRUB		0455NC	41/23
31755	Edenton Bay Daybeacon 6	DAYMK MISSING		0481NC	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	11553	0215NC	24/23
32855	Pungo River Junction Light PR	STRUCT DEST/TRLB	11553	133NC	17/22
32860	Pungo River Wreck Light WR2	STRUCT DEST/TRLB	11553	0365NC	35/23
32895	Pungo River Light 3	STRUCT DEST/HAZ NAV/TRLB	11553	0201NC	23/23
33015	Pungo River Channel Daybeacon 16	STRUCT DEST/TRLB	11553	0497NC	47/23
33090	Eastham Creek Daybeacon 7	STRUCT DEST	11553	0021NC	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
33420	Bay River Daybeacon 6	STRUCT DEST/TRUB		0313NC	29/23
33470	Bay River Daybeacon 20	STRUCT DEST/TRUB		282NC	31/22
33730	Whittaker Creek Light 5	DAYMK DMGD		0004NC	02/24
33765	Smith Creek Channel Daybeacon 5	STRUCT DEST/TRUB		NONENC	47/22
33835	Neuse River Channel Light 9	STRUCT DEST/TRLB		508NC	51/22
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
34812	Beaufort Harbor Channel Warning Daybeacon B	DAYMK MISSING		0030NC	03/24

34825	Beaufort Harbor Channel Daybeacon 5	OFF STA/STRUCT DEST/TRUB	0480NC	07/23
34970	Manasquan River Daybeacon 8	STRUCT DEST/TRLB	167DB	32/22
35539	New Jersey Intracoastal Waterway Buoy 130C	OFF STA	0014DB	06/24
35870	New Jersey Intracoastal Waterway Lighted Wreck Buoy WR222	LT EXT	0192DB	46/23
36010	New Jersey Intracoastal Waterway Lighted Buoy 264	LT EXT	0187DB	44/23
36770	Schellenger Landing Daybeacon 1	DAYMK MISSING	12317 0018DB	08/24
37045	Pasquotank River Entrance Light PR	LT EXT	11553 0271NC	25/23
37470	Great Bridge to Albemarle Sound Light 67	DAYMK DMGD	12206 0351NC	33/23
37595	Great Bridge to Albemarle Sound Warning Daybeacon	STRUCT DEST/TRLB	12206 294NC	37/21
37680	Great Bridge to Albemarle Sound Light 135	DAYMK MISSING	12206 0188NC	20/23
37745	Great Bridge to Albemarle Sound Light 153	LT EXT	12206 0495NC	46/23
37790	Great Bridge to Albemarle Sound Light 165	STRUCT DEST/TRLB	12206 0520NC	50/23
37815	Great Bridge to Albemarle Sound Buoy 171	MISSING	11553 0487NC	45/23
37895	Alligator River Light 26	STRUCT DEST/HAZ NAV/TRLB	11553 0191NC	18/23
37920	Alligator River Daybeacon 35	STRUCT DEST/TRUB	11553 0475NC	44/23
37975	Alligator River Daybeacon 45	STRUCT DEST/TRUB	11553 0499NC	47/23
38075	Pungo River Channel Daybeacon 16	STRUCT DEST/TRLB	11553 0497NC	47/23
38130	Pungo River Light 3	STRUCT DEST/HAZ NAV/TRLB	11553 0201NC	23/23
38135	Pungo River Wreck Light WR2	STRUCT DEST/TRLB	11553 0365NC	35/23
38140	Pungo River Junction Light PR	STRUCT DEST/TRLB	11553 133NC	17/22
38525	Morehead City Channel Lighted Buoy 23	BUOY DMGD	NONENC	18/23
38629	Morehead City Harbor Channel Turning Basin Daybeacon B	STRUCT DEST/TRUB	0007NC	02/23
39025	Bogue Sound Light 41	STRUCT DEST/TRLB	0104NC	13/23
39060	Bogue Sound Daybeacon 45B	STRUCT DEST/TRUB	415NC	43/22
39065	Bogue Sound Light 46	STRUCT DEST	0121NC	09/24
39083	Swansboro Harbor Daybeacon 4	STRUCT DEST/TRUB	0348NC	32/23
39215	Bogue Sound - New River Light 59	STRUCT DEST/TRLB	0171NC	17/23
39235	Bogue Sound - New River Light 65	STRUCT DEST/TRLB	358NC	38/22
39275	Bogue Sound - New River Daybeacon 67	STRUCT DEST/TRUB		41/23
39310	Bogue Sound - New River Daybeacon 76	OFF STA/STRUCT DEST/MSLD SIG/TRUB	0103NCNC	29/23
39355	New River - Cape Fear River Daybeacon 17	STRUCT DEST/TRUB	0167NC	17/23
39375	New River - Cape Fear River Light 27	STRUCT DEST/TRLB	0170NC	17/23
39380	New River - Cape Fear River Daybeacon 29	STRUCT DEST/TRUB	0166NC	17/23
39405	New River - Cape Fear River Daybeacon 41	STRUCT DEST/TRUB	0308NC	29/23
39445	New River - Cape Fear River Daybeacon 59	STRUCT DEST/TRUB	0309NC	29/23
39450	New River - Cape Fear River Light 61	STRUCT DEST/TRLB	355NC	37/22
39455	New River - Cape Fear River Daybeacon 65	STRUCT DEST/TRUB	0208NC	23/23
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
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
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
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
39750	New River - Cape Fear River Daybeacon 159	STRUCT DEST/TRUB	434NC	45/22
39945	Cape Fear River Channel Lighted Buoy 27	OFF STA	0008NC	02/24
39960	Cape Fear River Channel Lighted Buoy 26	OFF STA	0521NC	50/23
39965.1	Cape Fear River Channel Lighted Buoy 25A	OFF STA/LT EXT/TRLB	0515NC	49/23
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
40195	Cape Fear River - Little River Daybeacon 39	STRUCT DEST	0122NC	09/24
40220	Cape Fear River - Little River Daybeacon 46	STRUCT DEST/TRUB	502NC	50/22
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	0157NC	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
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
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4758	Ocean City Inlet Lighted Buoy 13	RESET ON STATION		0033MD	08/24	09/24
5275	Chincoteague Inlet Lighted Buoy 1C	RELIGHTED		0024VA	06/24	09/24
10440	Broad Bay Lighted Buoy 19	RESET ON STATION		0031VA	09/24	09/24
10590	Willoughby Bay Channel Buoy 5	RESET ON STATION	12245	0012VA	04/24	09/24
20200	Magothy River Light 10	RELIGHTED	12282	0037MD	09/24	09/24
22800	Tangier Sound Lighted Buoy 5	RELIGHTED	12225	0035MD	09/24	09/24
22850	Broad Creek North Entrance Light 1	WATCHING PROPERLY	12230	0036MD	09/24	09/24
28062	Oregon Inlet Buoy 18	RESET ON STATION		0090NC	07/24	09/24
28335	Walter Slough Buoy 8	RESET ON STATION		0096NC	07/24	09/24
28682	Hatteras Connector Lighted Buoy 3	RESET ON STATION		NONENC	52/23	09/24
28706	Hatteras Connector Lighted Buoy 15	RESET ON STATION		0078NC	01/24	09/24
28816	Rollinson Channel Buoy 30A	RESET ON STATION		0081NC	07/24	09/24
29140	Barden Inlet Lighted Buoy 1	RESET ON STATION		0080NC	07/24	09/24
29145	Barden Inlet Buoy 2	RESET ON STATION		0095NC	07/24	09/24
30300	Carolina Beach Inlet Buoy 8	RESET ON STATION		NONENC	06/24	09/24
30460	Lower Swash Channel Range Front Light	RELIGHTED		0114NC	09/24	09/24
30491	Federal Point Range Front Light	RELIGHTED		0115NC	09/24	09/24
30492	Federal Point Range Rear Light	RELIGHTED		0116NC	09/24	09/24
30675	Upper Midnight Channel North Range Front Light	RELIGHTED		NONENC	09/24	09/24
30780	Big Island Lower South Range Rear Light	RELIGHTED		0110NC	08/24	09/24
30783	Big Island Lower North Range Front Light	RELIGHTED		0108NC	08/24	09/24
30784	Big Island Lower North Range Rear Light	RELIGHTED			09/24	09/24
30796	Big Island Upper North Range Front Light	RELIGHTED		NONENC	09/24	09/24
30797	Big Island Upper North Range Rear Light	RELIGHTED		NONENC	09/24	09/24
30805	Big Island Upper South Range Rear Light	RELIGHTED		0111NC	08/24	09/24
32205	Buxton Harbor Light 3	RELIGHTED		0454	41/23	09/24
33400	Bay River Light 1	REBUILT/RECOVERED	11553	0362NC	34/23	09/24
34795	Taylor Creek Channel Daybeacon 7	WATCHING PROPERLY		0112NC	08/24	09/24
34885	Town Creek Channel Buoy 2	RESET ON STATION		NONENC	08/24	09/24
35335	New Jersey Intracoastal Waterway Lighted Buoy 86	RESET ON STATION		0012DB	05/24	09/24
35390	New Jersey Intracoastal Waterway Buoy 99	RESET ON STATION		0007DB	04/24	09/24
35395	New Jersey Intracoastal Waterway Buoy 101	RESET ON STATION		0010DB	05/24	09/24
35400	New Jersey Intracoastal Waterway Buoy 102	RESET ON STATION		0010DB	05/24	09/24
38150	Goose Creek Daybeacon 3	WATCHING PROPERLY	11553	0542NC	52/23	09/24
38175	Goose Creek Daybeacon 8	REBUILT/RECOVERED		0230NC	12/23	09/24
38210	Goose Creek Light 19	REBUILT/RECOVERED	11553	0215NC	25/22	09/24
38230	Goose Creek Daybeacon 24	REBUILT/RECOVERED	11553	0180NC	19/23	09/24
38240	Goose Creek Light 27	RELIGHTED	11553	0039NC	04/24	09/24
38245	Bay River Light 1	REBUILT/RECOVERED	11553	0362NC	34/23	09/24
38380	Adams Creek Light 18	WATCHING PROPERLY		0053NC	05/24	09/24
39601	New River - Cape Fear River Buoy 122A	N/A		0028D5	04/24	09/24
39890	Upper Midnight Channel North Range Front Light	RELIGHTED		NONENC	09/24	09/24
39966	Federal Point Range Front Light	RELIGHTED		0115NC	09/24	09/24
39967	Federal Point Range Rear Light	RELIGHTED		0116NC	09/24	09/24

40025	Lower Swash Channel Range Front Light	RELIGHTED	0114NC	09/24	09/24
40230	Cape Fear River - Little River Buoy 47A	N/A	0044NC	08/24	09/24
	Emerald Isle Cut Lighted Buoy 6	N/A	NONENC	03/24	09/24
	New Jersey Intracoastal Waterway Buoy 46	N/A	NONEDB	08/24	09/24
	New Jersey Intracoastal Waterway Buoy 65	N/A	0013DB	06/24	09/24
	New Jersey Intracoastal Waterway Buoy 72	N/A	0013DB	06/24	09/24
	New Jersey Intracoastal Waterway Buoy 75	N/A	0013DB	06/24	09/24

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4875	Thorofare Channel Buoy 3	MISSING		0175MD	34/23	
7840	Bay Bridge Marina Light 1	LT EXT	12270	0214MD	43/23	
7845	Bay Bridge Marina Light 2	LT EXT	12270	0214MD	43/23	
7855	Bay Bridge Marina Light 4	LT EXT	12270	0214MD	43/23	
7860	Bay Bridge Marina Light 5	LT EXT	12270	0214MD	43/23	
7875	Bay Bridge Marina Light 8	LT EXT	12270	0214MD	43/23	
9426	Hampton Flats Lighted Anchorage Area Buoy A	MISSING	12245	0103VA	26/23	
10157.09	Crab Creek Warning Daybeacon A	MISSING	12254	NONEVA	51/22	
10157.1	Crab Creek Warning Buoy B	MISSING	12254	NONEVA	51/22	
10157.12	Crab Creek Buoy 12	MISSING	12254	0133VA	30/23	
10186	Lynnhaven River Daybeacon 1LR	MISSING	12254	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	12254	057VA	13/22	
10332.01	Lynnhaven River Eastern Branch Buoy 2EB	MISSING	12254	113VA	24/21	
10332.03	Lynnhaven River Eastern Branch Buoy 2A	MISSING	12254	057VA	13/22	
10332.1	Lynnhaven River Eastern Branch Buoy 3	MISSING	12222	053HR	11/19	
10332.3	Lynnhaven River Eastern Branch Daybeacon 5	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	
10881	HRSD Newport News Point Outfall Lighted Buoy BH	LT EXT	12245	0114VA	28/23	
11564.1	James River Oyster Sanctuary Daybeacon NTH	DAYMK MISSING/STRUCT DMGD	12248	213VA	48/22	
11800	Surry Power Station Daybeacon 2	STRUCT DEST	12248	214VA	48/22	
11810	Surry Power Station Daybeacon 5	DAYMK MISSING	12248	215VA	48/22	
11820	Surry Power Station Daybeacon 9	STRUCT DEST	12248	216VA	48/22	
12055	Virginia Power Groin Light A	LT EXT	12253	0028VA	03/20	
12060	Virginia Power Groin Light B	LT EXT	12253	008VA	03/20	

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
13960	Croaker Landing Daybeacon 1	STRUCT DEST	12243	232HR	11/18
13965	Croaker Landing Daybeacon 2	STRUCT DEST	12243	233HR	11/18
14560	Milford Haven East Channel Light 1	STRUCT DEST	12238	0108VA	27/23
14565	Milford Haven East Channel Light 3	LT EXT/STRUCT DMGD	12238	169VA	40/22
14585	Milford Haven East Channel Lighted Buoy 4A	OFF STA	12238	113VA	25/22
14595	Milford Haven East Channel Danger Light 6	LT IMCH		170VA	40/22
15555	VA Power Cable Crossing East Tower Light A	LT EXT		288VA	50/22
15560	VA Power Cable Crossing Middle Tower Light B (2)	LT EXT		229VA	50/22
15565	VA Power Cable Crossing West Tower Light C	LT EXT		230VA	50/22
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
18251.1	Neabsco Creek Channel Lighted Buoy 2	LT EXT		0121MD	27/23
18251.2	Neabsco Creek Channel Lighted Buoy 3	LT EXT		0121MD	31/22
18251.3	Neabsco Creek Channel Lighted Buoy 4	LT EXT		0121MD	27/23
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
18588.2	Dyke Marsh Breakwater Warning Light B	LT EXT		NONEVA	19/23
18588.4	Dyke Marsh Breakwater Warning Light C	LT EXT		352MD	42/22
18965	Mill Creek (Patuxent River) Daybeacon 7	STRUCT DEST/TRLB	12264	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	12264	214MD	30/21
19350	South Herrington Harbour Range Rear Light	REDUCED INT	12266	144MD	28/21
19870	Chesapeake Harbor Jetty Light 8	DAYMK MISSING	12282	0116MD	27/23
19875	Chesapeake Harbor Jetty Light 9	DAYMK MISSING	12282	0117MD	27/23
20067	Sharps Point Light	LT EXT	12283	179MD	31/21
20882	Thomas Cove Mooring Buoy A	BUOY DMGD	12281	0089MD	23/23
20883	Thomas Cove Mooring Buoy B	BUOY DMGD	12281	0090MD	23/23
20930	Hess Lighted Mooring Buoy	LT EXT	12281	0138MD	29/23
20975	CSX Coal Pier Dolphin Light A	LT EXT	12281	NONEMD	22/22
20990	CSX Ore Pier Obstruction Light D	LT EXT	12278	0139MD	29/23
20995	CSX Ore Pier Obstruction Light E	STRUCT DEST/LT EXT	12278	174MD	22/22
25525	NOAA Lighted DOX Buoy CR	MISSING	12266	0184MD	36/23
25740	Solitude Creek Buoy 3	MISSING	12266	0158MD	31/23
26135	Wye River Daybeacon 5	STRUCT DEST/TRUB	12270	124MD	14/22

26700	Davis Creek Entrance Daybeacon 2	STRUCT DMGD/TRUB	12278	267MD	44/17
27065	Longs Creek Daybeacon 1	STRUCT DEST	12278	334MD	44/20
27075	Longs Creek Daybeacon 4	DAYMK IMCH	12278	336MD	44/20
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	12255	NONEVA	51/22
	Gosnold Hope Channel Daybeacon 6	STRUCT DEST	12222	242HR	12/18
	Hambleton Cove Daybeacon 1	DAYMK MISSING	12270	NONEMD	43/20
	Hambleton Cove Daybeacon 3	DAYMK MISSING	12270	302MD	41/20
	Hambleton Cove Daybeacon 5	DAYMK MISSING	12270	302MD	41/20
	Moore Creek Daybeacon 4	DAYMK MISSING		NONEVA	40/22
	Moore Creek Daybeacon 9	DAYMK MISSING		NONEVA	40/22
	Waterview Seafood Warning Daybeacon C	DAYMK MISSING	12221	NONEVA	06/24
	Wolf Trap Artificial Reef Buoy A	MISSING	12225	NONEVA	04/23
	York County Mooring Buoy A	DAYMK IMCH	12241	NONEVA	04/23
	York County Mooring Buoy B	DAYMK IMCH	12241	NONEVA	04/23
	York County Mooring Buoy C	DAYMK IMCH	12241	NONEVA	04/23
	York County Mooring Buoy D	DAYMK IMCH	12241	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
2095	Rehoboth Bay Channel Buoy 1	DISCONTINUED		219D5	16/21	
3680	Upper Delaware River Channel Lighted Buoy 8	RELOCATED FOR DREDGING		0366D5	36/23	
3690	Upper Delaware River Channel Buoy 10	RELOCATED FOR DREDGING		0366D5	36/23	
3830	Upper Delaware River Channel Lighted Buoy 28	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	
3920	Upper Delaware River Channel Lighted Buoy 36	RELOCATED FOR DREDGING		0366D6	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
9270	Thimble Shoal Lighted Buoy 12	RELOCATED FOR DREDGING	12254	060D5	06/20
9275	Thimble Shoal Lighted Buoy 13	RELOCATED FOR DREDGING	12254	0153D5	13/23
9280	Thimble Shoal Lighted Buoy 14	RELOCATED FOR DREDGING	12254	0153D5	13/23
9285	Thimble Shoal Lighted Buoy 15	RELOCATED FOR DREDGING	12245	0153D5	13/23
9290	Thimble Shoal Lighted Buoy 16	RELOCATED FOR DREDGING	12245	0153D5	13/23
9295	Thimble Shoal Lighted Buoy 17	RELOCATED FOR DREDGING	12245	0153D5	13/23
9300	Thimble Shoal Lighted Buoy 18	RELOCATED FOR DREDGING	12245	0153D5	13/23
9820	Portsmouth Marine Terminal Lighted Buoy 4	TRLB	12253	0386D5	38/23
9825	Portsmouth Marine Terminal Lighted Buoy 5	TRLB	12253	0386D5	38/23
9830	Portsmouth Marine Terminal Lighted Buoy 6	TRLB	12253	0386D5	38/23
17200	Dukeharts Daybeacon 8	TRLB		0429D5	43/23
17225	St. Catherine Sound Lower Entrance Daybeacon 3L	TRLB		0429D5	43/23
17230	St. Catherine Sound Lower Entrance Daybeacon 5L	TRLB		0429D5	43/23
17235	St. Catherine Sound Lower Entrance Daybeacon 6L	TRLB		0429D5	43/23
17245	St. Catherine Sound Lower Entrance Daybeacon 9L	TRLB		0429D5	43/23
18695	Alexandria Lighted Buoy 5	TRLB		0163D5	14/23
20865	Curtis Bay Channel Lighted Buoy 2	RELOCATED FOR DREDGING	12281	0495D5	52/23
29284	Beaufort Inlet Channel Lighted Buoy 7	RELOCATED FOR DREDGING		0470D5	49/23
29288	Beaufort Inlet Channel Lighted Buoy 9	RELOCATED FOR DREDGING		0470D5	49/23
29297	Beaufort Inlet Channel Lighted Buoy 12	RELOCATED FOR DREDGING		0467D5	49/23
29310	Beaufort Inlet Channel Lighted Buoy 14	RELOCATED FOR DREDGING		0467D5	49/23
29410	Morehead City Channel Lighted Buoy 15	RELOCATED FOR DREDGING		0467D5	49/23
29425	Morehead City Channel Lighted Buoy 17	RELOCATED FOR DREDGING		0477D5	49/23
29445	Morehead City Channel Lighted Buoy 21	RELOCATED FOR DREDGING		0074D5	08/24
29450	Morehead City Channel Lighted Buoy 23	RELOCATED FOR DREDGING		0074D5	08/24
29495	Bogue Inlet Lighted Buoy 1	DISCONTINUED		0036D5	05/24
29500	Bogue Inlet Lighted Buoy 2	DISCONTINUED		0036D5	05/24
29505	Bogue Inlet Buoy 3	DISCONTINUED		0500D5	52/23
29520	Bogue Inlet Buoy 4	DISCONTINUED FOR DREDGING		0067D5	07/24
29745	New River Channel Daybeacon 15	TRUB		386D5	28/21
30160	Masonboro Inlet Buoy 3	RELOCATED FOR DREDGING		0083D5	08/24
30170	Masonboro Inlet Lighted Buoy 5	RELOCATED FOR DREDGING		0083D5	08/24
30180	Masonboro Inlet Buoy 7	RELOCATED FOR DREDGING		0083D5	08/24
30185	Masonboro Inlet Lighted Buoy 8	DISCONTINUED FOR DREDGING		0083D5	08/24
30205	Wrightsville Channel Buoy 10	DISCONTINUED FOR DREDGING		0045D5	06/24
30355	Cape Fear River Entrance Channel Lighted Buoy 9	RELOCATED FOR DREDGING		563D5	47/22

30360	Cape Fear River Entrance Channel Lighted Buoy 10	RELOCATED FOR DREDGING	563D5	47/22
30372	Cape Fear River Entrance Channel Lighted Buoy 12	RELOCATED FOR DREDGING	563D5	47/22
30395	Cape Fear River Channel Lighted Buoy 13A	RELOCATED FOR DREDGING	563D5	47/22
30635	Cape Fear River Channel Lighted Buoy 28	RELOCATED FOR DREDGING	0471NC	43/23
30705	Cape Fear River Channel Lighted Buoy 38	TRLB	0472NC	43/23
30810	Cape Fear River Channel Lighted Buoy 54	DISCONTINUED FOR DREDGING	0473NC	43/23
38525	Morehead City Channel Lighted Buoy 23	RELOCATED FOR DREDGING	0074D5	08/24
39597	New River - Cape Fear River Buoy 121	DISCONTINUED FOR DREDGING	0028D5	04/24
39598	New River - Cape Fear River Buoy 121A	DISCONTINUED FOR DREDGING	0028D5	04/24
39601	New River - Cape Fear River Buoy 122A	DISCONTINUED FOR DREDGING	0028D5	04/24
39930	Cape Fear River Channel Lighted Buoy 28	RELOCATED FOR DREDGING	0471NC	43/23
40225	Cape Fear River - Little River Buoy 47	DISCONTINUED FOR DREDGING	0093D5	09/24

TEMPORARY CHANGES CORRECTED

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

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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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						
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				CGD01	074-02-48.001W
Corrective Action	Green can	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.

11553	31st Ed.	01-MAR-18	Last LNM: 46/17	NAD 83		09/24
Chart Title: Intracoastal Waterway Albermarle Sound to Neuse River; Alligator River; Second Creek						
Main Panel 519 ALBEMARLE SOUND TO ALLIGATOR RIVER NORTH CAROLINA - - Page/Side: -						
LAST EDITION No new editions of chart 11553 will be published. It will be canceled on 06-Mar-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>.

12206	35th Ed.	01-DEC-15	Last LNM: 35/18	NAD 83	09/24
<i>ChartTitle: Intracoastal Waterway Norfolk to Albemarle Sound via North Landing River or Great Dismal Swamp Canal</i>					
Main Panel 539 NORFOLK TO GILMERTON 0 MILE OF INTRACOASTAL WATERWAY. Page/Side: A					
LAST EDITION No new editions of chart 12206 will be published. It will be canceled on 06-Mar-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 .					--
12208	17th Ed.	01-JAN-17	Last LNM: 35/18	NAD 83	09/24
<i>ChartTitle: Approaches to Chesapeake Bay</i>					
Main Panel 549 APPROACHES TO CHESAPEAKE BAY. Page/Side: A					
SUBSTITUTE	Wreck in Feet; 57 Wk for 53 Wk (Chart No. 1: K26) (NOS NW-31429)			NOS 36-56-58.942N	076-01-21.166W
CHANGE	Thimble Shoal Channel Project Depth to; 56-50 (NOS NW-31430)			NOS 36-41-50.960N	075-58-02.700W
12221	84th Ed.	01-MAY-19	Last LNM: 23/23	NAD 83	09/24
<i>ChartTitle: Chesapeake Bay Entrance</i>					
Main Panel 558 CHESAPEAKE BAY ENTRANCE - -. Page/Side: -					
RELOCATE	Thimble Shoal Lighted Buoy 13			CGD05 from 36-59-30.350N to 36-59-30.236N	076-11-10.421W 076-11-17.412W
RELOCATE	Thimble Shoal Lighted Buoy 14			CGD05 from 36-59-41.152N to 36-59-45.276N	076-11-05.991W 076-11-13.158W
RELOCATE	Thimble Shoal Lighted Buoy 15			CGD05 from 36-59-55.526N to 36-59-55.333N	076-12-47.679W 076-12-54.910W
RELOCATE	Thimble Shoal Lighted Buoy 16			CGD05 from 37-00-06.316N to 37-00-09.948N	076-12-43.647W 076-12-48.934W
RELOCATE	Thimble Shoal Lighted Buoy 17			CGD05 from 37-00-20.177N to 37-00-20.422N	076-14-23.354W 076-14-32.516W
RELOCATE	Thimble Shoal Lighted Buoy 18			CGD05 from 37-00-40.665N to 37-00-41.485N	076-14-56.612W 076-14-51.493W
SUBSTITUTE	Wreck in Feet; 57 Wk for 53 Wk (Chart No. 1: K26) (NOS NW-31429)			NOS 36-56-58.942N	076-01-21.166W
CHANGE	Thimble Shoal Channel Project Depth to; 56-50 (NOS NW-31430)			NOS 36-56-25.260N	076-22-28.750W
ADD	York River-Dominion Danger Buoy C; W Or C "C" Priv (NOS NW-31427)			NOS 37-15-02.000N	076-26-41.990W
ADD	York River-Dominion Danger Buoy D; W Or C "D" Priv (NOS NW-31427)			NOS 37-15-08.990N	076-26-36.990W
12222	56th Ed.	01-MAY-19	Last LNM: 33/23	NAD 83	09/24
<i>ChartTitle: Chesapeake Bay Cape Charles to Norfolk Harbor</i>					
Main Panel 559 CHESAPEAKE BAY CAPE CHARLES TO NORFOLK HARBOR - -. Page/Side: -					
RELOCATE	Thimble Shoal Lighted Buoy 13			CGD05 from 36-59-30.350N to 36-59-30.236N	076-11-10.421W 076-11-17.412W
RELOCATE	Thimble Shoal Lighted Buoy 14			CGD05 from 36-59-41.152N to 36-59-45.276N	076-11-05.991W 076-11-13.158W
RELOCATE	Thimble Shoal Lighted Buoy 15			CGD05 from 36-59-55.526N to 36-59-55.333N	076-12-47.679W 076-12-54.910W
RELOCATE	Thimble Shoal Lighted Buoy 16			CGD05 from 37-00-06.316N to 37-00-09.948N	076-12-43.647W 076-12-48.934W
RELOCATE	Thimble Shoal Lighted Buoy 17			CGD05 from 37-00-20.177N to 37-00-20.422N	076-14-23.354W 076-14-32.516W
RELOCATE	Thimble Shoal Lighted Buoy 18			CGD05 from 37-00-40.665N to 37-00-41.485N	076-14-56.612W 076-14-51.493W

SUBSTITUTE	Wreck in Feet; 57 Wk for 53 Wk (Chart No. 1: K26) (NOS NW-31429)	NOS 36-56-58.942N	076-01-21.166W
CHANGE	Thimble Shoal Channel Project Depth to;; 56-50 (NOS NW-31430)	NOS 36-53-29.600N	076-10-24.410W

12225 62nd Ed. 01-AUG-19 Last LNM: 50/23 NAD 83 09/24

ChartTitle: Chesapeake Bay Wolf Trap to Smith Point

Main Panel 563 CHESAPEAKE BAY WOLF TRAP TO SMITH POINT - -. Page/Side: -

DELETE	Legend; (see note B) (NOS NW-31428)	NOS 37-51-15.440N	076-09-30.730W
DELETE	Legend; (see note B) (NOS NW-31428)	NOS 37-54-25.020N	076-09-47.890W
DELETE	NOTE B - TRAFFIC SEPARATION SCHEME;; One way traffic lanes overprinted on this chart in the vicinity of Smith Point are RECOMMENDED for all vessels except small craft. (NOS NW-31428)	NOS 37-55-58.670N	076-13-30.250W
DELETE	One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428)	NOS 37-51-49.550N	076-08-53.580W
DELETE	One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428)	NOS 37-51-53.150N	076-09-56.160W
DELETE	One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428)	NOS 37-53-45.580N	076-09-01.060W
DELETE	One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428)	NOS 37-53-49.610N	076-10-06.320W
DELETE	Traffic Lane, Outer Limit; (Chart No. 1: M15) (NOS NW-31428)	NOS 37-52-48.490N	076-10-06.120W
DELETE	Traffic Lane, Outer Limit; (Chart No. 1: M15) (NOS NW-31428)	NOS 37-52-49.940N	076-08-07.670W
DELETE	Traffic Lane, Precautionary Area, Inner Screen; (Chart No. 1: M12) (NOS NW-31428)	NOS 37-52-53.580N	076-09-08.050W
LAST EDITION	No new editions of chart 12225 will be published. It will be canceled on 03-Apr-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 --	--

12230 67th Ed. 01-JAN-17 Last LNM: 52/21 NAD 83 09/24

ChartTitle: Chesapeake Bay Smith Point to Cove Point

Main Panel 567 CHESAPEAKE BAY SMITH POINT TO COVE POINT. Page/Side: A

DELETE	Legend; (see note B) (NOS NW-31428)	NOS 37-52-36.590N	076-08-39.200W
DELETE	NOTE B - TRAFFIC SEPARATION SCHEME;; One way traffic lanes overprinted on this chart in the vicinity of Smith Point are RECOMMENDED for all vessels except small craft. (NOS NW-31428)	NOS 37-52-02.540N	076-15-28.520W
DELETE	One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428)	NOS 37-51-53.270N	076-08-52.480W
DELETE	One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428)	NOS 37-51-53.560N	076-09-56.280W
DELETE	One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428)	NOS 37-53-45.620N	076-09-01.500W
DELETE	One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428)	NOS 37-53-47.330N	076-10-06.730W
DELETE	Traffic Lane, Outer Limit; (Chart No. 1: M15) (NOS NW-31428)	NOS 37-52-37.710N	076-10-08.640W
DELETE	Traffic Lane, Outer Limit; (Chart No. 1: M15) (NOS NW-31428)	NOS 37-52-44.900N	076-08-10.210W
DELETE	Traffic Lane, Precautionary Area, Inner Screen; (Chart No. 1: M12) (NOS NW-31428)	NOS 37-52-49.180N	076-09-10.700W
LAST EDITION	No new editions of chart 12230 will be published. It will be canceled on 03-Apr-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 --	--

12238	43rd Ed.	01-DEC-17	Last LNM: 01/21	NAD 83		09/24
<i>ChartTitle: Chesapeake Bay Mobjack Bay and York River Entrance</i>						
Main Panel 580 CHESAPEAKE BAY MOBJACK BAY AND YORK RIVER ENTRANCE - -. Page/Side: -						
ADD	York River-Dominion Danger Buoy A; W Or C "A" Priv (NOS NW-31427)				NOS 37-13-17.000N	076-27-51.990W
ADD	York River-Dominion Danger Buoy B; W Or C "B" Priv (NOS NW-31427)				NOS 37-13-08.000N	076-27-52.990W
ADD	York River-Dominion Danger Buoy C; W Or C "C" Priv (NOS NW-31427)				NOS 37-15-02.000N	076-26-41.990W
ADD	York River-Dominion Danger Buoy D; W Or C "D" Priv (NOS NW-31427)				NOS 37-15-08.990N	076-26-36.990W
LAST EDITION	No new editions of chart 12238 will be published. It will be canceled on 06-Mar-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 .				--	--
12241	24th Ed.	01-DEC-17	Last LNM: 01/21	NAD 83		09/24
<i>ChartTitle: York River Yorktown and Vicinity</i>						
Main Panel 581 YORK RIVER YORKTOWN AND VICINITY - -. Page/Side: -						
ADD	York River-Dominion Danger Buoy A; W Or C "A" Priv (NOS NW-31427)				NOS 37-13-17.000N	076-27-51.990W
ADD	York River-Dominion Danger Buoy B; W Or C "B" Priv (NOS NW-31427)				NOS 37-13-08.000N	076-27-52.990W
ADD	York River-Dominion Danger Buoy C; W Or C "C" Priv (NOS NW-31427)				NOS 37-15-02.000N	076-26-41.990W
ADD	York River-Dominion Danger Buoy D; W Or C "D" Priv (NOS NW-31427)				NOS 37-15-08.990N	076-26-36.990W
LAST EDITION	No new editions of chart 12241 will be published. It will be canceled on 06-Mar-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 .				--	--
12243	15th Ed.	01-MAR-15	Last LNM: 01/21	NAD 83		09/24
<i>ChartTitle: York River Yorktown to West Point</i>						
Main Panel 582 YORK RIVER YORKTOWN TO WEST POINT. Page/Side: A						
LAST EDITION	No new editions of chart 12243 will be published. It will be canceled on 06-Mar-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 --	--
12245	71st Ed.	01-AUG-20	Last LNM: 29/23	NAD 83		09/24
<i>ChartTitle: Hampton Roads</i>						
Main Panel 584 HAMPTON ROADS VIRGINIA - -. Page/Side: -						
RELOCATE	Thimble Shoal Lighted Buoy 15				CGD05 from 36-59-55.526N to 36-59-55.333N	076-12-47.679W 076-12-54.910W
RELOCATE	Thimble Shoal Lighted Buoy 16				CGD05 from 37-00-06.316N to 37-00-09.948N	076-12-43.647W 076-12-48.934W
RELOCATE	Thimble Shoal Lighted Buoy 17				CGD05 from 37-00-20.177N to 37-00-20.422N	076-14-23.354W 076-14-32.516W
RELOCATE	Thimble Shoal Lighted Buoy 18				CGD05 from 37-00-40.665N to 37-00-41.485N	076-14-56.612W 076-14-51.493W
LAST EDITION	No new editions of chart 12245 will be published. It will be canceled on 06-Mar-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 --	--
12248	45th Ed.	01-JAN-18	Last LNM: 16/23	NAD 83		09/24
<i>ChartTitle: James River Newport News to Jamestown Island; Back River and College Creek</i>						
Main Panel 585 JAMES RIVER NEWPORT NEWS TO JAMESTOWN ISLAND - -. Page/Side: -						
LAST EDITION	No new editions of chart 12248 will be published. It will be canceled on 06-Mar-24. Comparable or larger scale Electronic Navigational Chart				NOS --	--

(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>.

12253	48th Ed.	01-JAN-17	Last LNM: 37/17	NAD 83	09/24	
<i>ChartTitle: Norfolk Harbor and Elizabeth River</i>						
Main Panel 593 NORFOLK HARBOR AND ELIZABETH RIVER. Page/Side: A						
LAST EDITION	No new editions of chart 12253 will be published. It will be canceled on 06-Mar-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 --	--
12254	51st Ed.	01-OCT-19	Last LNM: 33/23	NAD 83	09/24	
<i>ChartTitle: Chesapeake Bay Cape Henry to Thimble Shoal Light</i>						
Main Panel 594 CHESAPEAKE BAY CAPE HENRY TO THIMBLE SHOAL LIGHT - -. Page/Side: -						
RELOCATE	Thimble Shoal Lighted Buoy 13	CGD05 from 36-59-30.350N to 36-59-30.236N			076-11-10.421W 076-11-17.412W	
RELOCATE	Thimble Shoal Lighted Buoy 14	CGD05 from 36-59-41.152N to 36-59-45.276N			076-11-05.991W 076-11-13.158W	
RELOCATE	Thimble Shoal Lighted Buoy 15	CGD05 from 36-59-55.526N to 36-59-55.333N			076-12-47.679W 076-12-54.910W	
RELOCATE	Thimble Shoal Lighted Buoy 16	CGD05 from 37-00-06.316N to 37-00-09.948N			076-12-43.647W 076-12-48.934W	
RELOCATE	Thimble Shoal Lighted Buoy 17	CGD05 from 37-00-20.177N to 37-00-20.422N			076-14-23.354W 076-14-32.516W	
SUBSTITUTE	Wreck in Feet; 57 Wk for 53 Wk (Chart No. 1: K26) (NOS NW-31429)	NOS 36-56-58.942N			076-01-21.166W	
CHANGE	Thimble Shoal Channel Project Depth to; 56-50 (NOS NW-31430)	NOS 36-53-20.880N			076-10-55.930W	
LAST EDITION	No new editions of chart 12254 will be published. It will be canceled on 06-Mar-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 --	--
12255	18th Ed.	01-SEP-14	Last LNM: 25/17	NAD 83	09/24	
<i>ChartTitle: Little Creek Naval Amphibious Base</i>						
Main Panel 595 NAVAL AMPHIBIOUS BASE LITTLE CREEK. Page/Side: A						
LAST EDITION	No new editions of chart 12255 will be published. It will be canceled on 06-Mar-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 --	--
12256	19th Ed.	01-OCT-17	Last LNM: 29/23	NAD 83	09/24	
<i>ChartTitle: Chesapeake Bay Thimble Shoal Channel</i>						
Main Panel 596 THIMBLE SHOAL CHANNEL - -. Page/Side: -						
RELOCATE	Thimble Shoal Lighted Buoy 13	CGD05 from 36-59-30.350N to 36-59-30.236N			076-11-10.421W 076-11-17.412W	
RELOCATE	Thimble Shoal Lighted Buoy 14	CGD05 from 36-59-41.152N to 36-59-45.276N			076-11-05.991W 076-11-13.158W	
RELOCATE	Thimble Shoal Lighted Buoy 15	CGD05 from 36-59-55.526N to 36-59-55.333N			076-12-47.679W 076-12-54.910W	
RELOCATE	Thimble Shoal Lighted Buoy 16	CGD05 from 37-00-06.316N to 37-00-09.948N			076-12-43.647W 076-12-48.934W	
RELOCATE	Thimble Shoal Lighted Buoy 17	CGD05 from 37-00-20.177N to 37-00-20.422N			076-14-23.354W 076-14-32.516W	
RELOCATE	Thimble Shoal Lighted Buoy 18	CGD05 from 37-00-40.665N			076-14-56.612W	

					to 37-00-41.485N	076-14-51.493W
					NOS	
CHANGE	Thimble Shoal Channel Project Depth to;; 56-50 (NOS NW-31430)				36-56-20.810N	076-15-02.400W
					NOS	
LAST EDITION	No new editions of chart 12256 will be published. It will be canceled on 06-Mar-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 .				--	--
12263	58th Ed.	01-DEC-18	Last LNM: 47/21	NAD 83		09/24
	<i>ChartTitle: Chesapeake Bay Cove Point to Sandy Point</i>					
	Main Panel 603 CHESAPEAKE BAY COVE POINT TO SANDY POINT - -. Page/Side: -					
					NOS	
LAST EDITION	No new editions of chart 12263 will be published. It will be canceled on 03-Apr-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 .				--	--
12264	34th Ed.	01-JUN-19	Last LNM: 47/17	NAD 83		09/24
	<i>ChartTitle: Chesapeake Bay Patuxent River and Vicinity</i>					
	Main Panel 604 CHESAPEAKE BAY PATUXENT RIVER AND VICINTY - -. Page/Side: -					
					NOS	
LAST EDITION	No new editions of chart 12264 will be published. It will be canceled on 06-Mar-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 .				--	--
12266	34th Ed.	01-JUL-19	Last LNM: 51/22	NAD 83		09/24
	<i>ChartTitle: Chesapeake Bay Choptank River and Herring Bay; Cambridge</i>					
	Main Panel 610 CHESAPEAKE BAY CHOPTANK RIVER AND HERRING BAY - -. Page/Side: -					
					NOS	
LAST EDITION	No new editions of chart 12266 will be published. It will be canceled on 06-Mar-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 .				--	--
12270	40th Ed.	01-JUL-19	Last LNM: 38/22	NAD 83		09/24
	<i>ChartTitle: Chesapeake Bay Eastern Bay and South River; Selby Bay</i>					
	Main Panel 617 CHESAPEAKE BAY EASTERN BAY AND SOUTH RIVER - -. Page/Side: -					
					NOS	
LAST EDITION	No new editions of chart 12270 will be published. It will be canceled on 06-Mar-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 .				--	--
12273	61st Ed.	01-AUG-20	Last LNM: 15/19	NAD 83		09/24
	<i>ChartTitle: Chesapeake Bay Sandy Point to Susquehanna River</i>					
	Main Panel 625 CHESAPEAKE BAY SANDY PT TO SUSQUEHANNA RIVER - -. Page/Side: -					
					NOS	
LAST EDITION	No new editions of chart 12273 will be published. It will be canceled on 03-Apr-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 .				--	--
12274	39th Ed.	01-SEP-20	Last LNM: 39/19	NAD 83		09/24
	<i>ChartTitle: Head of Chesapeake Bay</i>					
	Main Panel 626 HEAD OF CHESAPEAKE BAY - -. Page/Side: -					
					NOS	
LAST EDITION	No new editions of chart 12274 will be published. It will be canceled on 06-Mar-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 .				--	--
12277	37th Ed.	01-AUG-19	Last LNM: 32/17	NAD 83		09/24

ChartTitle: Chesapeake and Delaware Canal

Extension 631 CHESAPEAKE AND DELAWARE CANAL TOP PANEL - -. Page/Side: -

LAST EDITION No new editions of chart 12277 will be published. It will be canceled on 06-Mar-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.

12278 80th Ed. 01-MAY-20 Last LNM: 05/23 NAD 83 09/24

ChartTitle: Chesapeake Bay Approaches to Baltimore Harbor

Main Panel 633 CHESAPEAKE BAY APPROACHES TO BALTIMORE HARBOR - -. Page/Side: -

LAST EDITION No new editions of chart 12278 will be published. It will be canceled on 06-Mar-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: 33/22 NAD 83 09/24

ChartTitle: Chesapeake Bay

CHART MD - VA - CHESAPEAKE BAY. Page/Side: N/A

RELOCATE Thimble Shoal Lighted Buoy 13 CGD05 from 36-59-30.350N to 36-59-30.236N 076-11-10.421W 076-11-17.412W
RELOCATE Thimble Shoal Lighted Buoy 14 CGD05 from 36-59-41.152N to 36-59-45.276N 076-11-05.991W 076-11-13.158W
RELOCATE Thimble Shoal Lighted Buoy 15 CGD05 from 36-59-55.526N to 36-59-55.333N 076-12-47.679W 076-12-54.910W
RELOCATE Thimble Shoal Lighted Buoy 16 CGD05 from 37-00-06.316N to 37-00-09.948N 076-12-43.647W 076-12-48.934W
RELOCATE Thimble Shoal Lighted Buoy 17 CGD05 from 37-00-20.177N to 37-00-20.422N 076-14-23.354W 076-14-32.516W
RELOCATE Thimble Shoal Lighted Buoy 18 CGD05 from 37-00-40.665N to 37-00-41.485N 076-14-56.612W 076-14-51.493W

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

DELETE Legend; (see note E) (NOS NW-31428) NOS 37-52-51.580N 076-07-12.420W
DELETE NOTE E - TRAFFIC SEPARATION SCHEME:: One way traffic lanes overprinted on this chart in the vicinity of Smith Point are RECOMMENDED for all vessels except small craft. (NOS NW-31428) NOS 38-11-26.410N 076-03-59.740W
DELETE One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428) NOS 37-52-03.980N 076-08-48.020W
DELETE One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428) NOS 37-52-07.340N 076-09-54.560W
DELETE One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428) NOS 37-53-45.270N 076-08-57.250W
DELETE One Way Recommended Track Arrow; (Chart No. 1: M11) (NOS NW-31428) NOS 37-54-09.060N 076-10-19.570W
DELETE Traffic Lane, Outer Limit; (Chart No. 1: M15) (NOS NW-31428) NOS 37-52-48.350N 076-08-09.660W
DELETE Traffic Lane, Outer Limit; (Chart No. 1: M15) (NOS NW-31428) NOS 37-52-48.530N 076-10-03.960W
DELETE Traffic Lane, Precautionary Area, Inner Screen; (Chart No. 1: M12) (NOS NW-31428) NOS 37-53-03.850N 076-09-13.230W
SUBSTITUTE Wreck in Feet; 57 Wk for 53 Wk (Chart No. 1: K26) (NOS NW-31429) NOS 36-56-58.942N 076-01-21.166W

12281 57th Ed. 01-NOV-18 Last LNM: 05/23 NAD 83 09/24

ChartTitle: Baltimore Harbor

Main Panel 640 BALTIMORE HARBOR - -. Page/Side: -

LAST EDITION No new editions of chart 12281 will be published. It will be canceled on

06-Mar-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>.

12282 **38th Ed.** **01-JUL-20** **Last LNM: 38/22** **NAD 83** **09/24**

ChartTitle: Chesapeake Bay Severn and Magothy Rivers

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

LAST EDITION No new editions of chart 12282 will be published. It will be canceled on 06-Mar-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 --

12283 **29th Ed.** **01-AUG-14** **Last LNM: 39/17** **NAD 83** **09/24**

ChartTitle: Annapolis Harbor

Main Panel 642 ANNAPOLIS HARBOR. Page/Side: A

LAST EDITION No new editions of chart 12283 will be published. It will be canceled on 06-Mar-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 --

12311 **48th Ed.** **01-FEB-19** **Last LNM: 41/17** **NAD 83** **09/24**

ChartTitle: Delaware River Smyrna River to Wilmington

Main Panel 668 DELAWARE RIVER SMYRNA RIVER TO WILMINGTON - -. Page/Side: -

LAST EDITION No new editions of chart 12311 will be published. It will be canceled on 06-Mar-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 --

12312 **58th Ed.** **01-NOV-18** **Last LNM: 33/18** **NAD 83** **09/24**

ChartTitle: Delaware River Wilmington to Philadelphia

Main Panel 669 DELAWARE RIVER WILMINGTON TO PHILADELPHIA - -. Page/Side: -

LAST EDITION No new editions of chart 12312 will be published. It will be canceled on 06-Mar-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 --

12313 **53rd Ed.** **01-JAN-12** **Last LNM: 37/17** **NAD 83** **09/24**

ChartTitle: Philadelphia and Camden Waterfronts

Main Panel 670 DELAWARE RIVER PHILADELPHIA AND CAMDEN WATERFRONTS. Page/Side: N/A

LAST EDITION No new editions of chart 12313 will be published. It will be canceled on 06-Mar-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 --

12317 **34th Ed.** **01-JAN-17** **Last LNM: 44/17** **NAD 83** **09/24**

ChartTitle: Cape May Harbor

Main Panel 679 CAPE MAY HARBOR - -. Page/Side: -

LAST EDITION No new editions of chart 12317 will be published. It will be canceled on 06-Mar-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 --

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

Advance Notice(s)

NJ – INTRACOASTAL WATERWAY – AIDS TO NAVIGATION CHANGES

On or about Mar 2024 the Coast Guard will make the following changes to the aids to navigation marking the New Jersey Intracoastal Waterway (NJICW). This action is being taken to ensure the visibility of the navigation aids, increase their accuracy throughout the year in the narrow waterway, reduce discrepancies due to ice and decrease the work load on servicing units.

- Change NJICW Buoy 12 (LLNR 35015) to NJICW Daybeacon 14 (LLNR 35015) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Buoy 14 (LLNR 35025) to NJICW Daybeacon 14 (LLNR 35025) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Lighted Buoy 27 (LLNR 35070) to NJICW Light 27 (LLNR 35070) Flashing Green 4 second Light, Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 31 (LLNR 35085) to NJICW Daybeacon 31 (LLNR 35085) Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 33 (LLNR 35090) to NJICW Daybeacon 31 (LLNR 35090) Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 38 (LLNR 35115) to NJICW Daybeacon 38 (LLNR 35115) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Buoy 46 (LLNR 35167) to NJICW Daybeacon 46 (LLNR 35167) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Buoy 48 (LLNR 35175) to NJICW Daybeacon 48 (LLNR 35175) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Lighted Buoy 52 (LLNR 35195) to NJICW Light 52 (LLNR 35175) Flashing Red, 4 second Light, Red Triangle Dayboard with yellow triangle ICW mark.
- Change NJICW Buoy 53 (LLNR 35196) to NJICW Daybeacon 53 (LLNR 35196) Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 65 (LLNR 35245) to NJICW Daybeacon 65 (LLNR 35245) Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 67 (LLNR 35250) to NJICW Daybeacon 67 (LLNR 35250) Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 71 (LLNR 35275) to NJICW Daybeacon 71 (LLNR 35275) Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 72 (LLNR 35280) to NJICW Daybeacon 72 (LLNR 35280) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Buoy 74 (LLNR 35285) to NJICW Daybeacon 74 (LLNR 35285) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Buoy 75 (LLNR 35290) to NJICW Daybeacon 75 (LLNR 35290) Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 76 (LLNR 35295) to NJICW Daybeacon 76 (LLNR 35295) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Buoy 79 (LLNR 35305) to NJICW Daybeacon 79 (LLNR 35305) Green Square Dayboard with yellow square ICW mark.
- Change NJICW Buoy 80 (LLNR 35310) to NJICW Daybeacon 80 (LLNR 35310) Triangle Red Dayboard with yellow triangle ICW mark.
- Change NJICW Buoy 84 (LLNR 35330) to NJICW Daybeacon 84 (LLNR 35330) Triangle Red Dayboard with yellow triangle ICW mark.

LNM: 02/24

MD – PINEY POINT TO LOWER CEDAR POINT – AIDS TO NAVIGATION CHANGE

On October 20, 2023; a contractor, removed the fix aids from Dukeharts Channel, Upper and Lower St. Catherine Sound; due to continual shoaling, and the Coast Guard established temporary buoys. Due to the worsening shoaling conditions; in these waterways, the Coast Guard on or about March 4, 2024 will discontinue the 5-temporary buoys and the remaining 5 buoys as listed below.

- Discontinue: Dukeharts Buoy 7 (LLNR 17195).
- Discontinue: Dukeharts Buoy 8-temp (LLNR 17200).
- Discontinue: Dukeharts Buoy 9 (LLNR 17205).
- Discontinue: Dukeharts Buoy 10 (LLNR 17210).
- Discontinue: St. Catherine Sound Lower Lighted Buoy 1L (LLNR 17215).
- Discontinue: St. Catherine Sound Lower Buoy 3L-temp (LLNR 17225).
- Discontinue: St. Catherine Sound Lower Buoy 5L-temp (LLNR 17230).
- Discontinue: St. Catherine Sound Lower Buoy 6L-temp (LLNR 17235).
- Discontinue: St. Catherine Sound Lower Buoy 7L (LLNR 17243).
- Discontinue: St. Catherine Sound Lower Buoy 9L-temp (LLNR 17245).

LNM: 51/23

MD – LOWER CEDAR POINT TO MATTAWOMAN CREEK – POTOMAC CREEK – AID TO NAVIGATION CHANGE

On or about March 1, 2024 the Coast Guard will not re-establish Potomac Creek Buoy 3 (LLNR 17920). Aid has currently been removed as indicated in the Light List Vol II.

LNM: 05/24

MD – APPROACHES TO BALTIMORE HARBOR – SPARROWS POINT – AID TO NAVIGATION RELOCATION

On or about April 6, 2024 the Coast Guard will relocate Sparrows Point Lighted Buoy 10 (LLNR 20595) to approximate position: 39 12 34.980N-76 28 52.980W. The new position is approximately 90 feet East of the existing lighted buoy position. The 4 second flash characteristic with a 4 nominal range red light with remain unchanged.

Charts: 12278 12281

LNM: 06/24

MD – APPROACHES TO BALTIMORE HARBOR – CURTIS BAY – AID TO NAVIGATION RELOCATION

On or about April 6, 2024 the Coast Guard will relocate Curtis Bay Lighted Buoy 2 (LLNR 20865) to approximate position: 39 13 21.976N-76 32 19.786W. The new position is approximately 75 feet outside the channel limits of the Curtis Bay/Fort McHenry Channels.

Charts: 12278 12281

LNM: 06/24

MD – UPPER POCOMOKE RIVER – AIDS TO NAVIGATION CHANGE

The Coast Guard on/or about March 11, 2024, will make the following changes to the aids to navigation marking the Upper Pocomoke River: Upper Pocomoke River:

- Discontinue- Buoy 8 (LLNR 22630)
- Change- Light 2 (LLNR 22605) to Warning Daybeacon A; with NW dayboards on pile, until discontinued.
- Change- Shad Landing Park Junction Daybeacon SL (LLNR 22615) to Warning Daybeacon B; with NW dayboards on pile, until discontinued.
- Change- Daybeacon 3 (LLNR 22610) Warning Daybeacon C; with NW dayboards on pile, until discontinued.
- Change- Daybeacon 4 (LLNR 22620) Warning Daybeacon D; with NW dayboards on pile, until discontinued.

Change- Light 6 (LLNR 22625) Warning Daybeacon E; with NW dayboards on pile, until discontinued.
Change- Daybeacon 9 (LLNR 22635) Warning Daybeacon F; with NW dayboards on pile, until discontinued.
Change- Light 10 (LLNR 22640) Warning Daybeacon G; with NW dayboards on pile, until discontinued.
Change- Light 11 (LLNR 22645) Warning Daybeacon H; with NW dayboards on pile, until discontinued.
Change- Light 12 (LLNR 22650), Warning Daybeacon I; with NW dayboards on pile, until discontinued.
Change- Daybeacon 13 (LLNR 22655) Warning Daybeacon J; with NW dayboards on pile, until discontinued.
Change- Light 14 (LLNR 22660). Warning Daybeacon K; with NW dayboards on pile, until discontinued.

LNM: 07/24

MD – CHESTER RIVER – QUEENSTOWN CREEK – QUEENSTOWN HARBOR

Due to increased shoaling in this waterway the Coast Guard on/or about March 12, 2024 will make the following changes to the aids to navigation marking Queenstown Creek/Queenstown Harbor.

Queenstown Creek:

Change: Buoy 3 (26593) from remove when endangered by ice to maintained from March 15 to December 1.

Change: Buoy 5 (26595) from remove when endangered by ice to maintained from March 15 to December 1.

Queenstown Harbor Channel:

Change: Daybeacon 2 (LLNR 26600) to Warning Daybeacon B with NW dayboards worded "Danger Shoal" and rename to Queenstown Creek Warning Daybeacon B.

Establish: Buoy 6 in approximate position 38 59 39.533N-76 09 42.844W, maintained from March 15 to December 1 and named Queenstown Creek Buoy 6.

Change: Daybeacon 3 (LLNR 26605) to Warning Daybeacon C with NW dayboards worded "Danger Shoal" and rename to Queenstown Creek Warning Daybeacon C.

Change: Daybeacon 3A (LLNR 26610) to Warning Daybeacon D with NW dayboards worded "Danger Shoal" and rename to Queenstown Creek Warning Daybeacon D.

Establish: Buoy 7 in approximate position 38 59 27.409N-76 09 45.498W, maintained from March 15 to December 1 and named Queenstown Creek Buoy 7.

Change Daybeacon 4 (LLNR 26615) to Warning Daybeacon E with NW dayboards worded "Danger Shoal" and rename to Queenstown Creek Warning Daybeacon E.

Establish: Buoy 8 in approximate position 38 59 24.131N-76 09 43.695W, maintained from March 15 to December 1 and named Queenstown Creek Buoy 8.

Change: Daybeacon 6 (LLNR 26620) to Warning Daybeacon F with NW dayboards worded "Danger Shoal" and rename to Queenstown Creek Warning Daybeacon F.

LNM: 07/24

VA – JAMESTOWN ISLAND TO JORDAN POINT – JAMES RIVER – AID TO NAVIGATION CHANGE

On/or about April 4, 2024 the Coast Guard will remove the sound signal (Gong) and change the buoy size from an 8X26 LGR to a 7X17 LR for James River Lighted Gong Buoy 55 (LLNR 12120). The new 7x17LR hull will provide a daytime visibility of 2.3nm and a radar range of 2.7nm and will be consistent with the other lighted buoys in the area.

Chart 12248

LNM: 09/24

VA – CAPE HENRY TO THIBLE SHOAL LIGHT – THIMBLE SHOAL CHANNEL – AIDS TO NAVIGATION CHANGE

With the completion of the ongoing deepening, widening and realignment project to Thimble Shoal Channel on or about February 26, 2024 the Coast Guard will make the following changes.

Thimble Shoal: "Buoys located 75' outside channel limit."

Relocate:

Lighted Buoy 13 (LLNR 9275) to approximate position: 36 59 30.236N-76 11 17.412W.

Lighted Buoy 14 (LLNR 9280) to approximate position: 36 59 45.276N-76 11 13.158W.

Lighted Buoy 15 (LLNR 9285) to approximate position: 36 59 55.333N-76 12 54.910W.

Lighted Buoy 16 (LLNR 9290) to approximate position: 37 00 09.948N-76 12 48.934W.

Lighted Buoy 17 (LLNR 9295) to approximate position: 37 00 20.422N-76 14 32.516W.

Lighted Buoy 18 (LLNR 9300) to approximate position: 37 00 41.485N-76 14 51.493W.

All Thimble Shoals Lighted Buoys will have a 5nm nominal range permanently.

Chart 12222

LNM: 08/24

NC – BEAUFORT INLET CHANNEL AND MOREHEAD CITY CHANNEL – AIDS TO NAVIGATION CHANGE - BOUY RELOCATIONS

On or about April 1, 2024, the Coast Guard will permanently relocate the following Aids to Navigation approximately 50 feet outside the channel. These buoys are frequently required to be relocated for dredging, sometimes up to four times a year. This change will establish permanent Assigned Positions for more consistent and reliable buoy locations, reduce resource time required for frequent moves and allow dredging to be completed unhampered in these areas when resources are not available to move the buoys.

Beaufort Inlet Channel Lighted Buoy 7 (LLNR 29284) to 34 40 34.057N, 076 40 13.874W

Beaufort Inlet Channel Lighted Buoy 9 (LLNR 29288) to 34 40 53.176N, 076 40 10.485W

Beaufort Inlet Channel Lighted Buoy 11 (LLNR 29297) to 34 41 06.023N, 076 40 07.421W

Beaufort Inlet Channel Lighted Buoy 13 (LLNR 29305) to 34 41 40.178N, 076 40 16.604W

Morehead City Channel Lighted Buoy 15 (LLNR 29410) to 34 41 46.314N, 076 40 19.115W.

LNM: 05/24

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Proposed Project(s)

Closing

Docket No.

Ref. LNM

None

Proposed Change Notice(s)

COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES

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/lnms/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

DE – DELAWARE RIVER – HORSESHOE BEND – AID TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing changing Horseshoe Bend Directional Light (LLNR 3540) from a Quick Green Flashing Light to a Quick White Flashing Light. This change is being proposed due to mariner input that the directional light could be confused with the quick green flashing lights on Delaware River Buoy 69 (LLNR 3509) and Buoy 73 (LLNR 3520). Also changing to a white light removes any indication that the directional light might be laterally significant.

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: ward.b.posey@uscg.mil

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

Waterways Management (dpw)

431 Crawford Street, Room 100

Portsmouth, VA 23704

Attn: Ward B. Posey

All comments will be carefully considered and are requested prior to 5 Mar 2024 to be considered in the analysis. Refer to Project Number 05-24-012(D).

LNM: 02/24

MD – CHESTER RIVER – AIDS TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing removing the existing ice conditions "Replace lighted buoy with an unlighted buoy from 12/1 to 4/1" and replace with a new year-round (ice) buoy for the Chester River aids listed below. The new buoys will have similar characteristics as the existing summer hull. Daytime visibility will increase to 1.5nm from 1.4nm and the radar range will decrease to 1.5nm from 1.7nm. All flash characteristics and nominal ranges will remain unchanged. Chester River:

Lighted Buoy 6 (LLNR 26510), Lighted Buoy 9 (LLNR 26520) and Lighted Buoy 12 (LLNR 26630).

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 April 8, 2024 to be considered in the analysis. Refer to project number 05-24-015(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: 07/24

MD – SANDY POINT TO SUSQUEHANNA RIVER – POOLES ISLAND FLATS CHANNEL – AID TO NAVIGATION CHANGE PROPOSAL

The Coast Guard is proposing removing the existing ice conditions "Replace lighted buoy with an unlighted buoy from 11/25 to 4/1 and replace lighted buoy with lighted ice buoy of lower intensity from 11/25 to 4/1" on the aids listed below and change to a new year-round (ice) buoy. The new buoys will have similar characteristics as the existing summer hull. Daytime visibility will increase to 1.5nm from 1.4nm and the radar range will decrease to 1.5nm from 1.7nm. All flash characteristics and nominal ranges will remain unchanged. Additionally remove the word "Channel" from all Pooles Island Flats aid names.

Pooles Island Flats:

Lighted Buoy 1 (LLNR 8645), Lighted Buoy 2 (LLNR 8646), Lighted Buoy 3 (LLNR 8650), Lighted Buoy 4 (LLNR 8655), Lighted Buoy 5 (LLNR 8660), Lighted Buoy 6 (LLNR 8665), Lighted Buoy 7 (LLNR 8670), Lighted Buoy 8 (LLNR 8675) and Lighted Buoy 9 (LLNR 8690).

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 March 18, 2024 to be considered in the analysis. Refer to project number 05-24-014(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

Charts: 12273 12274 12280

LNM: 04/24

MD – VA – LOWER CEDAR POINT TO MATTAWOMEN CREEK – UPPER POTOMAC RIVER – AQUIA CREEK

Due to the increased shoaling in/around Aquia Creek Light 12 (LLNR 18010) the Coast Guard is proposing changing the light to Aquia Creek Warning Daybeacon with NW dayboards worded "Danger Shoal".

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 April 8, 2024 to be considered in the analysis. Refer to project number 05-24-017(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: 08/24

VA - HAMPTON RIVER – BRIDGE PROPOSAL

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:

(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.

LNM: 08/24

VA – WOLF TRAP TO SMITH POINT – CHESAPEAKE CHANNEL – AID TO NAVIGATION PROPOSAL

The Coast Guard is proposing discontinuing Chesapeake Channel Buoy 59A (LLNR 7420).

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 March 4, 2024 to be considered in the analysis. Refer to project number 05-24-012(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

Charts: 12225 12280

LNM: 02/24

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 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.

Charts: 12222 12254

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

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

- Willoughby Bay

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

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

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

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

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and 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 12245 12254

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

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

Chart 12241

LNM: 37/20

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

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

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

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

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

LNM: 20/22

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

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

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

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

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

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

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

Chart 12200

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

The Camp Pendleton State Military Reservation Live Fire Small Arms Range described as "all of the waters seaward of the mean high water shore line within a sector between radial lines extending 13,500 yards seaward and bearing 090 degrees true and 150 degrees true, respectively, from a point on shore at 36° 49' 09"N, 075° 58' 45"W". All vessel operators are reminded to review Navigation Regulations as described in paragraph 334.380 of Chapter 2, of U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (42nd) Edition when operating south of the entrance to the Chesapeake Bay. Firing will take place only during daylight hours and red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit.

Charts: 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 Ocean City Slow Zone Area is bounded by: 38 Degrees 38 Minutes North, 37 Degrees 58 Minutes North, 074 Degrees 13 Minutes West, 075 Degrees 04 Minutes West. Expires March 1, 2024.

The Northeast of Virginia Beach Slow Zone area is bounded by: 37 Degrees 29 Minutes North, 36 Degrees 50 Minutes North, 074 Degrees 50 Minutes West, 075 Degrees 40 Minutes West. Expires March 11, 2024.

The East of Virginia Beach Slow Zone areas are bounded by: 37 Degrees 03 Minutes North, 36 Degrees 23 Minutes North, 075 Degrees 04 Minutes West, 075 Degrees 53 Minutes West. Expires March 3, 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.

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 8 for Graphic.

LNM: 07/24

NJ - NEW JERSEY INTRACOASTAL WATERWAY-LITTLE EGG HARBOR TO CAPE MAY-ATLANTIC CITY-BEACH THOROFARE

Mariners are advised that New Jersey Department of Transportation who owns and operate the Route 30 (Absecon Boulevard) Bridge across the New Jersey Intracoastal Waterway (NJICW), Beach Thorofare, mile 67.2, at Atlantic City, NJ, has requested a temporary deviation for a bridge maintenance project. To facilitate work, the bridge will be maintained in the closed-to-navigation position from 6 a.m. on October 15, 2023, through 5 p.m. on March 31, 2024. A work platform will reduce the horizontal clearance of the navigation channel to approximately 50 feet and temporary shielding will reduce the vertical clearance of the entire bridge to approximately 19 feet above mean high water in the closed position. Vessels that can safely transit through the bridge in the closed position with the reduced clearances may do so, if at least thirty minutes notice is given, to allow for safe navigation. 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(e). Mariners should use caution when transiting the area.

LNM: 05/24

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

LNM: 08/24

DE - NJ - WILMINGTON TO PHILADELPHIA - DELAWARE RIVER (MAIN CHANNEL) - DREDGE OPERATIONS

Norfolk Dredging Company, will be conducting maintenance dredging of the Marcus Hook range and Marcus Hook Anchorage (No.7). Dredging will approximately be from February 7, 2024, to April 30, 2024. A safety zone is in place for all waters within 250 yards of all associated dredge equipment, with a second safety zone in place for all waters of the Marcus Hook Anchorage. Vessels wishing to transit through safety zones one and two may do so if they can make satisfactory passing arrangements with the dredge CHARLESTON. During Dredging operations coordinate with USCG Sector Delaware Bay Command center for Marcus Hook anchorage reservations at (215)271-4807 on a first come, first served basis limit 12 hour max. The dredge CHARLESTON will monitor VHF channels 13 & 16.

Chart 12312

LNM: 05/24

DE - NJ - DELAWARE RIVER - SMYRNA RIVER TO WILMINGTON - DELAWARE RIVER (MAIN CHANNEL)

Mariners are advised that a construction company, on behalf of Delaware River and Bay Authority, will continue painting operations on the Delaware Memorial Bridge, at mile 68.9, across the Delaware River at New Castle, DE 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.

DE -NJ – DELAWARE RIVER - SMYRNA RIVER TO WILMINGTON – DELAWARE RIVER (MAIN CHANNEL)

Chart 12311

LNM: 38/22

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – OCEAN CITY INLET – DREDGE OPERATIONS

The USACE dredge MURDEN arrived in Ocean City, MD on February 12th to conduct maintenance dredging. MURDEN will focus it's work in the vicinity of Ocean City Inlet Light Buoy 13 (LLNR 4758) as well work to remove material for area between Ocean City Inlet Lighted Buoy 8 (LLNR 4745) and Ocean City Inlet Lighted Junction Buoy OC (LLNR 4753). MURDEN will work approximately, four 24-hour days in the Inlet, before it has to leave, with possible plans to return in the first week of March.

LNM: 07/24

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – OCEAN CITY INLET – ISLE OF WIGHT (SINEPUXENT) BAY

Mariners are advised that an engineering firm, on behalf of Maryland Department of Transportation, will be performing maintenance on the highway drawbridge – US 50 (Harry W. Kelley Memorial) Bridge, over Isle of Wight (Sinepuxent) Bay, mile 0.5, at Ocean City, MD. 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.

LNM: 08/24

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – OCEAN CITY INLET – ISLE OF WIGHT (SINEPUXENT) BAY – BRIDGE TEMPORARY DEVIATION

Mariners are advised that the highway drawbridge – US 50 (Harry W. Kelley Memorial) Bridge, over Isle of Wight (Sinepuxent) Bay, mile 0.5, at Ocean City, MD, will be maintained in the closed-to-navigation position to facilitate bridge maintenance of the bridge bascule spans. The bridge will remain in the closed position 24 hours a day, 7 days a week, from January 3, 2024, through March 2, 2024. During the entirety of the maintenance period, a 50-foot work barge will be located inside the navigational channel of the bridge. Vessels should not transit through the navigational channel of the bridge for safety. 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 117.559. Mariners should adjust their transits accordingly and should use extreme caution when transiting the area. Interested mariners can contact the working vessel on-site on marine band radio VHF-FM channels 16 or 74.

LNM: 51/23

MD – SEVERN AND MAGOTHY RIVERS – ANNAPOLIS HARBOR CHANNEL – SUBMARINE CABLE WORK

There is a workboat, floating crane, and a 40x40' barge replacing submarine electric cable in approximate position 38°-58.5'N, 076°-28.8'W off of the Naval Academy sea wall. Work will be done between the hours of 0600 to 1800 seven days a week, and the workboat can be hailed on VHF channels 10 and 16. Mariners are urged to use caution when transiting the area. Work is expected to be completed around March 4, 2024.

Chart 12282

LNM: 06/24

MD – COVE POINT TO SANDY POINT – CHESAPEAKE CHANNEL – BRIDGE MAINTENANCE

Mariners are advised that an engineering firm, on behalf of Maryland Transportation Authority, will be performing maintenance on the US50/US 301 (William P. Lane Memorial) East Bound Bridge across Chesapeake Bay, mile 138.1, near Annapolis, MD. The maintenance will be conducted from 9 p.m. to 3 a.m., Monday-Friday, from February 19, 2024, through February 23, 2024; from 9 p.m. to 3 a.m., Monday-Thursday from February 26, 2024, through February 29, 2024; and from 10 p.m. to 3 a.m. on Friday March 1, 2024. Alternative work dates will be from 10 p.m. to 3 a.m. on Friday March 8, 2024, and from 9 p.m. to 3 a.m., Saturday through Thursday, from March 9, 2024, through March 14, 2024.

During work hours, a snooper truck (under-bridge inspection vehicle) will be located in the navigation span from the west bridge pier outward approximately 200 feet toward the center of the navigation span, reducing the vertical clearance beneath the snooper truck to approximately 177 feet 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 eastern half of the navigation span from the center of the span to the east bridge pier (approximately 750 feet of horizontal clearance) will be unrestricted. Vessels that can safely transit through the bridge during periods with reduced vertical and horizontal clearances may do so at any time. The safety vessel may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (410) 708-4794. Mariners should use extreme caution navigating through the area.

Chart 12270

LNM: 06/24

MD – APPROACHES TO BALTIMORE HARBOR – CURTIS CREEK

Mariners are advised that an engineering firm, on behalf of CSX, will be performing maintenance on the CSX Railroad Bridge over Curtis Creek, mile 1.4, at Baltimore, MD. To facilitate bridge work, the maintenance will be from January 27, 2023, from 7 a.m. to 4 p.m., Monday through Friday and occasional weekends if needed; through March 15, 2024. During work hours there will be a barge in the westside of the navigation channel reducing the horizontal clearance by approximately 24 feet. If track equipment is required, the bridge will be closed. When this occurs however, the bridge will remain open upon request. Once the open request is received, track equipment and personnel will immediately clear to open for marine traffic. VHF CH 13 and CH 16 will be monitored by two dual watch handheld marine radios and can be reached by the following phone numbers (410) 596-1816, (813) 415-5727, (919) 616-9622 for bridge opening requests.

Mariners should use caution navigating through the area.

Chart 12278

LNM: 08/24

MD – APPROACHES TO BALTIMORE HARBOR – SPARROWS POINT CHANNEL – SEDIMENT CHARACTERIZATION SAMPLING

Between 15 January and 29 February 2024, EA Engineering, Science, and Technology, Inc., PBC (EA) will be conducting sediment sampling operations in and around the Sparrows Point Channel on the Patapsco River in Baltimore County, Maryland. Work will be performed during daylight hours aboard the R/V CanDu, a 37 foot by 16-foot shallow draft pontoon barge configured in a 4-point mooring system owned and operated by Ocean Surveys, Inc. The R/V CanDu will be conducting sediment sampling operations in the access channels adjacent to the terminal berthing areas using vibracoring techniques that penetrate the riverbed. During the sediment sampling operations, the vessel will be anchored with restricted maneuverability and requests a slow bell and no wake. The R/V CanDu will be monitoring VHF channels 13 and 16 and can be reached directly via cell phone by contacting Ms. Kiersten Miller (239-405-3611) or Mr. Michael Durbano (609-332-0534).

LNM: 02/24

******MD – CHESTER RIVER – SWAN CREEK – SEASONAL AID TO NAVIGATION DELAY******

Swan Creek Entrance Lighted Buoy 4 (LLNR 26860) summer lighted buoy hull establishment will be delayed. Aid location is currently marked with an unlighted ice buoy in accordance with Light List Vol II and will remain on station until the end of May, 2024.

LNM: 09/24

******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: 06/24

Chart 12274

MD – CHESAPEAKE BAY TO PINEY POINT – ST GEORGE CREEK – SOIL SAMPLING

ECS Mid Atlantic will conduct soil/sediment sampling in St. Goerges Creek some time in the first two weeks of March. Sampling will be conducted by boat and will be completed in one day. All mariners should use caution when transiting the area.

LNM: 07/24

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 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.

Starting on or about December 1, 2022, through August 31, 2023, barges may be positioned in or adjacent to the federal navigation channel during daylight hours to support roadway deck removal and related activities. 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. At least half of the 250-foot wide federal navigation channel will be open at all times for vessel passage for this operation. The exception will be multiple one-hour closures in late April and May, and a 24-48 hour continuous closure in late May or early June, 2023, when the main span and adjacent spans of the old bridge over/near the federal channel will be dismantled and removed. Large vessels in transit that require use of the full federal navigation channel during the work period described must provide at least 24 hours advanced notice to either Mr. Mike Baker at (443) 286-1780 or Mr. Daniel Francis at (757) 375-3960. Interested mariners in transit can also contact the vessels SEAWARD 23 or MISS STACY via marine band radio VHF-FM channels 13 and 16 when actively working on the river for information/coordination.

As noted, during April 2023 - June 2023, and October 2023 - January 2024, more extensive federal navigation channel restrictions and/or closures are being planned to allow for heavy demolition of the old bridge above and adjacent to the federal navigation channel. 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: 17/23

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 - MATTAWOMAN CREEK TO GEORGETOWN – DC AREA BRIDGE INSPECTIONS******

Mariners are advised that an engineering firm, on behalf of the District Department of Transportation, will be performing bridge inspections on the US 29/Francis Scott Key Bridge, across the Potomac River, at mile 113.0; US 1/14th Street SW Bridge, across Washington Channel, at mile 1.9; I-395/Francis Case Bridge, across Washington Channel, at mile 1.8; and Frederick Douglass Memorial/South Capitol Street Bridge, across Anacostia River, at mile 1.2, at Washington, DC. The inspections will be conducted from 8:30 a.m. to 4 p.m.; Monday-Friday; from March 4, 2024, through March 22, 2024. A thirty-foot pontoon boat with a manlift will be located in and around the vicinity of the bridge.

The inspection will be performed on the US 29/Francis Scott Key Bridge, on March 4, 2024. During the work hours, the pontoon boat will be located in the navigational channel reducing the horizontal clearance of the bridge to approximately 180 feet.

The inspection will be performed on the US 1/14th Street SW Bridge, on March 5, 2024. During the work hours, the pontoon boat will be located in the navigational channel reducing the horizontal clearance of the bridge.

The inspection will be performed on the I-395/Francis Case Bridge, from March 6, 2024, through March 8, 2024. During the work hours, the pontoon boat will be located in the navigational channel reducing the horizontal clearance of the bridge to approximately five feet.

The inspection will be performed on the Frederick Douglass Memorial/South Capitol Street Bridge, from March 11, 2024, through March 22, 2024.

During the work hours, the pontoon boat will be located in the navigational channel reducing the horizontal clearance of the bridge to approximately 120 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 transit through the bridge if at least a five-minute prior notice is given to the project foreman. Inspection personnel, equipment and vessels will relocate from the and navigable channel, upon request.

Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (717) 629-1655. Mariners should use caution navigating through the area.

LNM: 09/24

VA - ATLANTIC OCEAN - HAZ OPS EXERCISE

Hazardous operations to surface vessels will be conducted from 0000L February 26, 2024 through 0000L March 3, 2024 inside a circle with an 11 nautical mile radius centered around 37-55-00.000N and 074-04-00.000W. Mariners should avoid this area and use caution when transiting the surrounding waters. Vessels involved will utilize normal running and anchor lights and monitoring channels 13 and 16.

LNM: 08/24

******VA – ELIZABETH RIVER – CHESAPEAKE BAY – VIRGINIA BEACH – CONDUIT TOWING OPERATIONS******

Three towing vessels will be conducting three separate towing evolutions in the month of March, from Fairwinds Landing (Lambert's Point) to offshore of the State Military Reservation (formerly Camp Pendleton). The operation will comprise of a lead tug (M/V Angelina Autumn), a tail tug (M/V Robert T) and a safety vessel (M/V Katan) towing a 1800' high density polyethylene conduit utilizing the southern auxiliary channel for the transit to minimize commercial vessel impacts. The tow will display all around white lights at the midpoint of the conduit tow, and at least every 100m along the partially submerged towed assembly.

LNM: 09/24

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.

Charts: 12222 12245

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@hrpcjv.com. In case of emergency, please contact USCG Sector Virginia Command Center on VHF-FM Channel 16 or 757-483-8567. Project information may be found at <https://hrbtexpansion.org>.

Charts: 12222 12245

LNM: 44/20

VA - HAMPTON ROADS-WILLOUGHBY BAY - BRIDGE MODIFICATION

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

VA - HAMPTON ROADS-WILLOUGHBY BAY - BRIDGE MODIFICATION

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@hrpcjv.com. In case of emergency, please contact USCG Sector Virginia Command Center on VHF-FM Channel 16 or 757-483-8567. Project information may be found at <https://hrbtexpansion.org>.

Charts: 12222 12245

LNM: 23/21

VA – HAMPTON ROADS – ELIZABETH RIVER – POSSIBLE HAZARD TO NAVIGATION

Dredge operations has exposed a couple underwater conduits that now sit three feet proud of the sea floor. Survey of the area has conduit at 43 MLLW with seafloor at 47 MLLW. Position is located approximately 20 feet outside the channel limits, in approximate position: 36-58-52.265N, 076-19-11.535W. Position is southeast of channel between Elizabeth River Channel Lighted Buoy 1ER (LLNR 9445) and Elizabeth River Channel Lighted Buoy 3 (LLNR 9465). Owner is currently on plan to removing conduit.

Chart 12245

LNM: 02/24

VA - NORFOLK HARBOR AND ELIZABETH RIVER – BRIDGE TEMPORARY DEVIATION

Mariners are advised that an engineering firm, on behalf of Virginia Department of Transportation, will be performing maintenance on the highway drawbridge – I-64 High Rise Bridge over the Southern Branch of the Elizabeth River, mile 7.1, near Chesapeake, VA. To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 8 p.m., February 18, 2024, through 5 a.m. February 23, 2024, with alternate dates scheduled from 8 p.m., February 25, 2024, through 5 a.m., March 1, 2024. Vessels able to pass through the bridge in the closed position may do so at any time. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.997 (e). The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.997(e). All mariners should use caution when transiting the area.

Chart 12253

LNM: 03/24

VA – HAMPTON ROADS – HAMPTON RIVER – SUBMARINE CABLE INSTALLATION

Shirley Branch Joint Venture will begin installation of a submarine cable adjacent to south side of the Pembroke Ave bridge on the Hampton River. Approximate position: Lat: 37°01'55"N, Long: 76°20'13"W. project will begin on February 13, 2024 to March 29, 2024, from 7 am to 6 pm, Monday-Friday. Work boats and support equipment will monitor VHF 74, 16 & 13.

LNM: 06/24

VA – NEWPORT NEWS TO JAMESTOWN ISLAND – JAMES RIVER – SKIFFES CREEK CHANNEL

There will be a military training exercise taking place from March 4 to March 8, 2024 from 0900 to 1900 daily. Military aircraft will simulate floating refueling drills. Several temporary floating platforms will be moored South of Skiffes Creek Channel, approximate center point position: 37-09-53N, 076-36-59W. Platform will be out of channel and should not impede vessel traffic. All vessels will monitor VHF-FM Channel 72 & 16. All mariners should use caution when transiting the area.

LNM: 07/24

VA – NORFOLK TO ALBEMARLE SOUND - ALBEMARLE AND CHESAPEAKE CANAL - GREAT BRIDGE LOCK – NORTH LAND BRIDGE DEVIATION

Effective immediately, the North Landing Bridge, Mile Marker 20.2 on the Atlantic Intracoastal Waterway, is restricted to only operating the north span for recreational boats. The horizontal clearance of the bridge with the south span closed to navigation is 38 feet. The bridge will continue to open both spans on the normal schedule for commercial traffic and government vessels. Due to mechanical system limitations, the south span of the bridge will remain operationally restricted until repairs can be completed.

Chart 12206

LNM: 25/23

VA – NORFOLK TO ALBEMARLE SOUND - ALBEMARLE AND CHESAPEAKE CANAL - GREAT BRIDGE LOCK – POSSIBLE HAZARD TO NAVIGATION

This notice is to caution all vessels passing through the Great Bridge Locks of a possible hazard in the water. The hazard is due to a damaged fender system on the Northwest corner of the locks on the Elizabeth River side. All loose debris has been removed, but additional portions may come detached and impede the channel. Caution should be taken when entering and exiting the locks until a permanent repair is in place. Please report any unsecured debris to the lock operators at the Great Bridge Locks. For questions or concerns, please contact Zack Ware from the Army Corps of Engineers Norfolk District at zachary.t.ware@usace.army.mil or by phone at (757) 633-5749.

Chart 12206

LNM: 35/23

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.

Chart 12206

LNM: 39/23

VA – NORFOLK TO ALBEMARLE SOUND – DEEP CREEK (VIA DISMAL SWAMP CANAL) - DEEP CREEK LOCKS CLOSURE

Effective January 8, 2024, the Dismal Swamp Canal will be closed to navigation due to a planned infrastructure refurbishment project at the Deep Creek Locks in Chesapeake, Virginia. The closure is expected to last through March 31, 2024. Visitors to Lake Drummond will be able to access the Dismal Swamp Canal via the South Mills Locks in South Mills, North Carolina or from the various boat ramps along the canal. Vessels transiting the

VA – NORFOLK TO ALBEMARLE SOUND – DEEP CREEK (VIA DISMAL SWAMP CANAL) - DEEP CREEK LOCKS CLOSURE

Atlantic Intracoastal Water Way must use the Albemarle and Chesapeake Canal as an alternate route during this timeframe.

LNM: 50/23

******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

******NC – SEACOAST – NAGS HEAD – JENNETTE’S PIER – RESEARCH TESTING EQUIPMENT******

The Coastal Studies Institute (CSI) will test a marine energy device in permitted test areas adjacent to the north and south sides of Jennette’s Pier during 1-31 March 2024. Deployment of the test device includes anchorage to the bottom and cabling and hoses connecting devices to the pier. The device will be marked by a white light. Vessels are requested to remain clear of the test area and remain greater than 300 feet away from Jennette’s Pier.

LNM: 09/24

******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 – BEAUFORT INLET AND CORE SOUND – DREDGE OPERATIONS******

Next Generation Logistics, LLC will begin maintenance dredging in Lookout Bight, Barden Inlet, and Back Sound. Dredging will begin February 1, 2024, to April 30, 2024. Dredge Crew Compass will monitor VHF 16 and working Channel of VHF 7. Disposal sites will be Bird Island and Lighthouse Beach.

LNM: 06/24

NC – NEUSE RIVER TO MYRTLE GROVE SOUND - BANKS CHANNEL – BRIDGE MAINTENANCE

Mariners are advised that a construction company, on behalf of North Carolina Department of Transportation, will continue repairs on the South Bank Channel Bridge over Banks Channel at Wrightsville Beach in New Hanover County, NC from 6 a.m. to 7 p.m. 7 days a week, through February 29, 2024. During the repair period, a work platform will be located underneath the bridge, which will reduce the vertical clearance of the bridge to approximately 4 feet above mean high water. Vessel traffic will need use an alternate route. Work vessels may be reached on VHF-FM channel 13 and 16.

LNM: 01/24

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

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

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

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

1. The restricted areas in the Atlantic Ocean east of the New River Inlet as shown on National Ocean Service Chart 11543, will be closed to navigation up to 15 nm seaward because of firing exercises during the following periods: 9:00 A.M. - 1:00 P.M. 01 MAR 24 LIVE FIRE OPERATIONS (MARSOC-3D MRB-G-7).

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

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

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

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

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

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

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

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

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

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

Farnell Bay sector sunrise to sunset daily

Morgans Bay sector sunrise to sunset daily

Jacksonville sector sunrise to sunset daily

2. The target bombing area N1/BT-3 impact area in the Atlantic Ocean east of the new river inlet as shown on national ocean service chart 11543, may be closed to navigation because of firing exercises during the following periods: 9:00 A.M. - 1:00 P.M. 01 MAR 24 LIVE FIRE OPERATIONS (MARSOC-3D MRB-G-7).

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: 9:00 A.M. - 1:00 P.M. 01 MAR 24 LIVE FIRE OPERATIONS (MARSOC-3D MRB-G-7).

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

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

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: 10/22

NC – CAPE FEAR RIVER – OBSTRUCTION

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

LNM: 40/20

NC – MYRTLE GROVE SOUND TO LITTLE RIVER – DREDGE OPERATIONS

Cottrell Contracting Corporation of Chesapeake, Virginia advises that the Dredge Lexington will be conducting dredging operations on the Atlantic Intracoastal Waterway of North Carolina. Dredging activity will occur between Cape Fear River to Little River Buoy 47 (LLNR 40225) and Light 48A (LLNR 40240) in the vicinity of Lockwood Folly Inlet, NC. Dredged material will be pumped hydraulically onto Holden Beach. Operations to begin on February 20, 2024 and complete by March 25, 2024.

LNM: 07/24

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	
9275	<i>Thimble Shoal Lighted Buoy 13</i>	36-59-30.236N 076-11-17.412W	FI G 2.5s		5	Green.	Buoy located 75' outside channel limit.	09/24
		*						
9280	<i>Thimble Shoal Lighted Buoy 14</i>	36-59-45.276N 076-11-13.158W	FI R 2.5s		5	Red.	Buoy located 75' outside channel limit.	09/24
		*						
9285	<i>Thimble Shoal Lighted Buoy 15</i>	36-59-55.333N 076-12-54.910W	FI G 4s		5	Green.	Buoy located 75' outside channel limit.	09/24
		*						
9290	<i>Thimble Shoal Lighted Buoy 16</i>	37-00-09.948N 076-12-48.934W	FI R 4s		5	Red.	Buoy located 75' outside channel limit.	09/24
		*						
9295	<i>Thimble Shoal Lighted Buoy 17</i>	37-00-20.422N 076-14-32.516W	FI G 2.5s		5	Green.	Buoy located 75' outside channel limit.	09/24
		*						
9300	<i>Thimble Shoal Lighted Buoy 18</i>	37-00-41.485N 076-14-51.493W	Q R		5	Red.	Buoy located 75' outside channel limit.	09/24
		*						
10892.27	HRSD LIGHTED MOORING PILE Z37	36-54-40.820N 076-25-13.860W	FI Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid.	09/24
		*						
10892.28	HRSD LIGHTED MOORING PILE Z41	36-54-43.670N 076-25-18.840W	FI Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid.	09/24
		*						

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10892.29	HRSD LIGHTED MOORING PILE Z45	36-54-46.520N 076-25-23.810W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid. 09/24
		*					
10892.31	HRSD LIGHTED MOORING PILE Z49	36-54-49.370N 076-25-28.770W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid. 09/24
		*					
10892.32	HRSD LIGHTED MOORING PILE Z53	36-54-52.210N 076-25-33.740W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid. 09/24
		*					
10892.33	HRSD LIGHTED MOORING PILE Z58	36-54-55.840N 076-25-39.900W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid. 09/24
		*					
10892.34	HRSD LIGHTED MOORING PILE Z62	36-54-58.680N 076-25-44.860W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid. 09/24
		*					
10892.35	HRSD LIGHTED MOORING PILE Z66	36-55-01.320N 076-25-50.000W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid. 09/24
		*					
10892.36	HRSD LIGHTED MOORING PILE Z70	36-55-02.950N 076-25-55.750W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid. 09/24
		*					
10892.37	HRSD LIGHTED MOORING PILE Z74	36-55-03.390N 076-26-01.830W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024. Private Aid. 09/24
		*					
10892.38	HRSD LIGHTED MOORING PILE Z78	36-55-02.620N 076-26-07.850W	Fl Y 6s			Mooring Pile.	Temp Till Oct 2024 Private Aid. 09/24
		*					
10892.39	HRSD LIGHTED MOORING PILE Z82	36-55-00.980N 076-26-13.610W	Fl R 6s			Mooring Pile.	Temp Till Oct 2024 Private Aid. 09/24
		*					
10892.41	HRSD LIGHTED MOORING PILE Z83	36-55-00.480N 076-26-15.000W	Fl R 6s			Mooring Pile.	Temp Till Oct 2024 Private Aid. 09/24
		*					
17920	Potomac Creek Buoy 3						Remove from list. 09/24
							*
35070	<i>New Jersey Intracoastal Waterway Lighted Buoy 27</i>						Remove from list. 09/24
							*

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
35070	NEW JERSEY INTRACOASTAL WATERWAY LIGHT 27	39-58-08.019N 074-06-05.131W	Fl G 4s	15	4	SG - SY on pile.	09/24
*	*	*	*	*	*	*	*
35085	New Jersey Intracoastal Waterway Buoy 31						Remove from list. 09/24
							*
35085	New Jersey Intracoastal Waterway Daybeacon 31	39-56-35.659N 074-06-13.491W				SG - SY on pile.	09/24
*	*	*	*	*	*	*	*
35090	New Jersey Intracoastal Waterway Buoy 33						Remove from list. 09/24
							*
35090	New Jersey Intracoastal Waterway Daybeacon 33	39-56-20.973N 074-06-18.280W				SG - SY on pile.	09/24
*	*	*	*	*	*	*	*
35167	New Jersey Intracoastal Waterway Buoy 46						Remove from list. 09/24
							*
35167	New Jersey Intracoastal Waterway Daybeacon 46	39-44-59.413N 074-09-08.557W				TR - TY on pile.	09/24
*	*	*	*	*	*	*	*
35285	New Jersey Intracoastal Waterway Daybeacon 74	39-38-26.639N 074-12-18.873W					09/24
*	*	*	*	*	*	*	*
40130	Cape Fear River - Little River Daybeacon 36	33-55-23.887N 078-12-57.257W				TR-TY on pile.	09/24
		*					
40230	Cape Fear River - Little River Buoy 47A	33-55-17.378N 078-14-08.104W				Green can with yellow square.	09/24
		*					

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. 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 – INTRACOASTAL WATERWAY – LITTLE EGG HARBOR TO CAPE MAY INLET – SHOALING

Shoaling has been in the vicinity of New Jersey Intracoastal Waterway Light 262 (LLNR 36005). Shoaling has encroached into the channel; depths are currently 5 - 6ft at MLW.

Chart 12316

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

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

Chart 12316

NJ – BARNEGAT INLET – 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. See SEC DB BNM 0069-23.

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:

NJICWW Light 4 (LLNR 34995).

NJICWW Light 38 (LLNR 35115).

NJICWW Daybeacon 45 (LLNR 35165) & Daybeacon 46 (LLNR 35167).

NJICWW Daybeacon 49 (LLNR 35108).

NJICWW Daybeacon 58 (LLNR 35215) to Buoy 75 (LLNR 35290).

NJICWW Light 110 (LLNR 35435) - 25 yards North, Northeast of aid.

North side of Tow Island at NJICWW Daybeacon 129 (LLNR 35530).

NJICWW Daybeacon 128 (LLNR 35525) to Light 132 (LLNR 35550).

NJICWW Light 145 (LLNR 35590) to Light 163 (LLNR 35655) Black Point on the red side.

IVO NJICWW Light 170 (LLNR 35685).

Between NJICWW Daybeacon 206 (LLNR 35825) and Daybeacon 209 (LLNR 35835) IVO Bader Field.

IVO NJICWW Daybeacon 221 (LLNR 35867).

Between NJICWW Light 233 (LLNR 35905) and Buoy 246 (LLNR 35955) Broad Thoroughfare.

Between NJICWW Light 260 (LLNR 36000) and Buoy 266 (LLNR 36020).

Between NJICWW Daybeacon 272 (LLNR 36035) and Daybeacon 282 (LLNR 36070) in Peck Bay.

Between NJICWW Daybeacon 344 (LLNR 36285) to Daybeacon 354 (LLNR 36320).

Between NJICWW Light 383 (LLNR 36420) Daybeacon 399 (LLNR 36470).

Between NJICWW Buoy 417 (LLNR 36517) and Buoy 424 (LLNR 36535) Great Channel.

Between NJICWW Light 449 (LLNR 36625) and Daybeacon 457 (LLNR 36655) Grassy Sound. Ref LNM 24/17

NJICWW Light 465 (LLNR 36675) to Buoy 473 (LLNR 36705).

Chart 12316, 12324

NJ – LITTLE EGG INLET – SHOALING

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

Chart 12318

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

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

NJ – SALEM RIVER – SHOALING

Shoaling was reported in the Salem River, in Salem, NJ. The shoaling was reported between Salem River Entrance Channel Light 5 (LLNR 2670), Light 6 (LLNR 2675) and Light 7 (LLNR 2680), Light 8 (LLNR 2685) on the east side of the channel. The depth was reported at 10 feet shortly after high tide.
Chart 12311

PENNSYLVANIA SHOALING

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

Shoaling has occurred in the Delaware River in approximate position 39-48.18791, 075-25.354427w, 50 feet off the green channel toe, in the vicinity of Marcus Hook Intake Light (LLNR 3170). Shallowest depth 38.5 feet. All mariners are requested to transit the area with caution. Ref LNM 09/18
Chart 12312

PA – NJ – CHESTER RANGE – SHOALING

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

DELAWARE SHOALING

DE - INDIAN RIVER BAY – SHOALING

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

DE – DELAWARE BAY – REHOBOTH BAY – SHOALING

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

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

Delaware Department of Natural Resources and Environmental Control (DNREC) reports shoaling in Baker's Channel between Baker's Channel Lighted Buoy 1A (LLNR 2136) and Baker's Channel Lighted Buoy 1B (LLNR 2137) as well as Baker's Channel Lighted Buoy 5 (LLNR 2137.04) and Baker's Channel Lighted Buoy 6 (LLNR 2137.05). DNREC has established two warning buoys worded "DANGER SHOAL" to mark the shoaling. Ref LNM 26/17.

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.

MARYLAND SHOALING

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

Shoaling - a USACE survey conducted on September 12, 2023 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.
Chart 12211 See MD-NCR BNM 0203-23

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY - SHOALING

There has been a report of shoaling in Sinepuxent Bay within the channel boundaries between Sinepuxent Bay Channel Buoy 6 (LLNR 5015) and Sinepuxent Bay Channel Buoy 7 (LLNR 5017), to a depth of 4.5 feet at mean low water. Shoaling has also been reported between Sinepuxent Bay Channel Buoy 33 (LLNR 5130) and Sinepuxent Bay Channel Daybeacon 35 (LLNR 5135) in the channel, to a depth of 3.0 feet at mean low water.
Chart 12211

MD - CHESAPEAKE BAY-NANTICOKE SHOALING

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

MD - CHESAPEAKE BAY - HONGA RIVER – SHOALING

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

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

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

MD – POTOMAC RIVER – ST. GEORGE CREEK – SHOALING

The ACOE Survey of St. George Creek Channel dated April 2018, indicates shoaling across the entire channel. The shoaling is from 850 feet up the channel of St. George Creek West Channel Warning Light A (LL 16760) to 500 feet up the channel of St. George Creek West Channel Warning Daybeacon B (LL 16765), with a least depth of 3.1 feet MLLW.

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.
Chart 12278

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

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

MD - NORTHEAST RIVER – SHOALING

There has been a report of shoaling in the Northeast River within the channel between Northeast 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.
Chart 12274

VA – MD – POTOMAC RIVER – BONUM CREEK – SHOALING

U. S. Army Corps of Engineers Survey of Bonum Creek indicates shoaling, to less than 4 feet MLLW, in the channel.

VIRGINIA SHOALING

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

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

VA – 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.
Chart 12210

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 one foot.
Chart 12210

VA – VIRGINIA INSIDE PASSAGE (VIP)

VIP Daybeacon 184 (LLNR 6220) to VIP Daybeacon 265 (LLNR 6580), Shoaling to less than 6ft MLW. HR BNM 106-16, VIP Daybeacon 244 (LLNR 6485), Shoaling to 1 foot. HR BNM 272-14, Sand Shoal Channel Light 1 (LLNR 6990) to Sand Shoal Light 10 (LLNR 6996) LNM 24-13.
Chart 12210

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 – LITTLE CREEK HARBOR – SHOALING

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

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

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

VA – CHESAPEAKE BAY - MATTAWOMAN CREEK – SHOALING

Shoaling has been Reported to a depth of 2-3ft at mean low water in the channel of Mattawoman Creek between Mattawoman Creek Light 1MC (LLNR 21580) and Mattawoman Creek Light 2 (LLNR 21585). Mariners are advised to transit the area with caution.

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

January 18, 2024 survey indicates least depth of 9.4' MLLW, approximately 200' West of the East ends of the jetties in the outbound/south side of the channel only.

NORTH CAROLINA

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

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

NC - OCRACOKE 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 – BEAUFORT INLET AND CORE SOUND – BARDEN INLET – BACK SOUND – SHOALING

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

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

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

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

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

NC – BOGUE INLET – SHOALING

Bogue Inlet shoaling has intensified, survey conducted shows worsening shoaling with MLLW consistency below 4' in channel. Bogue Inlet Buoys 1, 2, and 3 have been temp disestablished in attempt to mitigate misleading signals. SEC NC-BNM 0041-24 update-1.
Chart 11541

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 Lighted Buoy 2 (LLNR 29660) with depths of 3' - 4' MLW present. Significant shoaling has occurred between New River Inlet Buoy 9A (LLNR 29712) and New River Inlet Buoy 10 (LLNR 29720) with depths of 1' - 2' MLW. Buoys are representing misleading signal due to extreme shoaling. See SEC NC BNM 0295-22.
Chart 11542

NC – NEW RIVER – SHOALING

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

NC – BOGUE SOUND – SHOALING

Shoaling 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>

Chart 11541

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. Additional project information is available on the Coastal Virginia Offshore Wind project web page (www.coastalvawind.com)

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 – OLD TOPSAIL CREEK – SHOALING

Significant shoaling has encroached between Old Topsail Creek Buoy 1 (LLNR 30032), Old Topsail Creek Buoy 2 (LLNR 30033) Old Topsail Creek Buoy 3 (LLNR 30034). Depths of 2' MLLW have been reported. SEC NC BNM 0393-23.
Significant shoaling has been observed in Old Topsail Creek between Old Topsail Creek Buoy 6 (LLNR 30036), Old Topsail Creek Buoy 7 (LLNR 30037) and Old Topsail Creek Buoy 8 (LLNR 30038) Spanning the width of the channel. Depths of less than 3' at MLW have been observed. Mariners are advised to transit the area with caution. SEC NC BNM 381-21.
Chart 11541

NC – BANKS SLOUGH CHANNEL – SHOALING

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

NC - NEW TOPSAIL INLET – SHOALING

Significant shoaling has occurred from New Topsail Inlet Buoy 1 (LLNR 29975), New Topsail Inlet Buoy 2 (LLNR 29985), New Topsail Inlet Buoy 7 (LLNR 30020) have been reported expanding the width of the channel. Depths of 4' MLLW have been reported. Mariners are advised to transit the area with extreme caution. See SEC NC BNM 0270-22 UPDATE-1.
Chart 11541

NC - CAROLINA BEACH INLET – SHOALING

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

NC – NEW RIVER – CAPE FEAR RIVER – SHOALING

Shoaling has been observed in the vicinity of New River- Cape Fear River Buoy 121 (LLNR 39597) and New River- Cape Fear River Buoy 121a (LLNR 39598) depths as low as 4 ft MLW extending into the channel. SEC NC BNM 0007-24.
Shoaling has been observed in the vicinity of New River - Cape Fear River Buoy 154 (LLNR 39725) and New River - Cape Fear River Buoy 154A (LLNR 39726). Depths as low as 3 ft MLW extending into the channel. SEC NC BNM 0062-24.
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

Significant shoaling has occurred in Lockwoods Folly Inlet spanning the width of the channel between Lockwoods Folly Inlet Lighted Buoy 1 (LLNR 31010), Lockwoods Folly Inlet Lighted Buoy 2 (LLNR 31015), Lockwoods Folly Inlet Buoy 3 (LLNR 31020), Lockwoods Folly Inlet Buoy 4 (LLNR 31025). Survey indicates depths as low as 3ft MLW in these areas. Significant shoaling is also present on the east and west side of the channel between Lockwoods Folly Inlet Buoy 3 (LLNR 31020) and Lockwoods Folly Inlet Buoy 5 (LLNR 31027), and between Lockwoods Folly Inlet Buoy 4 (31025), and Lockwoods Folly Inlet Buoy 6 (LLNR 31030) with depths recorded at 2ft MLW. 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>
SEC NC BNM 0456-23

SUMMARY OF BRIDGE PERMITS, REGULATIONS AND CONSTRUCTION
IN THE FIFTH COAST GUARD DISTRICT
ENCLOSURE (2)
Updated February 27, 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)

- **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-notice-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 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

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.

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)

- *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* –
Wrightsville Beach - S.R. 74 (Wrightsville Beach/Heide Trask) Bridge - To facilitate the 2024 Wilmington Marathon the bridge will remain in the closed position from 4 a.m. through 9 a.m. on Saturday, February 24, 2024. The bridge will be able to open for emergencies, if at least 15 minutes prior notice is given to the bridge operator on VHF-FM channel 13 or at (910) 256-2886. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. Vessels able to pass through the bridge in the closed position may do so at any time. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.821(a)(4). Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)

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)
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)
New Jersey Intracoastal Waterway (NJICW), Beach Thorofare - Route 30 (Absecon Boulevard) Bridge - To facilitate work, the bridge will be maintained in the closed-to-navigation position from 6 a.m. on October 15, 2023, through 5 p.m. on March 31, 2024. A work platform will reduce the horizontal clearance of the navigation channel to approximately 50 feet and temporary shielding will reduce the vertical clearance of the entire bridge to approximately 19 feet above mean high water in the closed position. Vessels that can safely transit through the bridge in the closed position with the reduced clearances may do so, if at least thirty minutes notice is given, to allow for safe navigation. 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(e). Mariners should use caution when transiting 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)
- *Pennsylvania* –
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 has been conducted from 7 a.m. to 7 p.m.; Monday-Friday; from August 28, 2023, through November 1, 2023, has been suspended and will recommence in March of 2024. The painting containment system will remain on the bridge which will continue to reduce the vertical clearance of the bridge to approximately 20 feet of vertical clearance at mean high water through to March 2024. Vessels that can safely transit through the bridge during periods with a reduced vertical clearance may do so at any time. 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)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- Maryland

Lower Potomac River - Harry W. Nice/Thomas "Mac" Middleton (US 301) Bridge - To facilitate bridge explosive demolition operations at the old Gov. Harry W. Nice/Sen. Thomas "Mac" Middleton Memorial (US-301) Bridge, located between Charles County, MD and King George County, VA, the Coast Guard will establish a temporary safety zone for certain navigable waters of the Potomac River from **12:01 a.m. on November 08, 2023, through 11:59 p.m. on January 31, 2024**. The safety zone will cover two areas:

Area 1. All navigable waters of the Potomac River, encompassed by a line connecting the following points beginning at 38°21'48.14" N, 076°59'40.45" W, thence south to 38°21'37.90" N, 076°59'38.25" W, thence west to 38°21'35.18" N, 076°59'59.06" W, thence north to 38°21'45.57" N, 077°00'01.84" W, and east back to the beginning point, located between Charles County, MD and King George County, VA.

Area 2. All navigable waters of the Potomac River within 1,500 feet of the explosives barge located in approximate position 38°21'21.47" N, 076°59'45.40" W.

all navigable waters of the Potomac River, encompassed by a line connecting the following points beginning at 38°21'51.57" N, 076°59'14.53" W, thence south to 38°21'41.35" N, 076°59'12.33" W, thence west to 38°21'37.90" N, 076°59'38.25" W, thence north to 38°21'48.14" N, 076°59'40.45" W, and east back to the beginning point, located between Charles County, MD and King George County, VA.

These coordinates are based on datum NAD 83.

The Coast Guard will issue a Broadcast Notices to Mariners via VHF-FM marine band radio about the status of the safety zone. Under the general safety zone regulations in subpart C of 33 CFR part 165, except for marine equipment operated by Skanska-Corman-McLean, Joint Venture, or its subcontractors, you may not enter the safety zone described unless authorized by the *Captain of the Port* Maryland-National Capital Region (COTP) or the COTP's designated representative. Mariners requesting to transit any of these safety zone areas must first contact the Skanska-Corman-McLean, Joint Venture designated representative, the on-site project manager by telephone number 785-953-1465 or on Marine Band Radio VHF-FM channels 13 and 16 from the pusher tug. If permission is granted, mariners must proceed at their own risk and strictly observe any and all instructions provided by the COTP, Skanska-Corman-McLean, Joint Venture, or designated representative to the mariner regarding the conditions of entry to and exit from any area of the safety zone. The COTP or the COTP's representative can be contacted by telephone number 410-576-2693 or on Marine Band Radio VHF-FM channel 16 (156.8 MHz). Those in the safety zone must comply with all lawful orders or directions given to them by the COTP or the COTP's designated representative. The U.S. Coast Guard may be assisted in the patrol and enforcement of the safety zone by Federal, State, and local agencies. Interested persons can contact U.S. Coast Guard Sector Maryland-NCR Waterways Management Division at telephone number (410) 576-2519 or (410) 576-2693 or

MDNCRWaterways@uscg.mil. (DB/HP)

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)

Isle of Wight (Sinepuxent) Bay - US 50 (Harry W. Kelley Memorial) Bridge - To facilitate bridge maintenance of the bridge bascule spans, bridge will remain in the closed position 24 hours a day, 7 days a week, from January 3, 2024, through March 2, 2024. During the entirety of the maintenance period, a 50-foot work barge will be located inside the navigational channel of the bridge. Vessels should not transit through the navigational channel of the bridge for safety. 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 117.559. Mariners should adjust their transits accordingly and should use extreme caution when transiting the area. (MT)

Bear Creek - Baltimore County Highway (Wise Avenue) Bridge - Bridge inspection will be conducted from 7 a.m. to 5 p.m.; Monday-Friday; from January 26, 2024, through March 22, 2024. An under-bridge inspection vehicle (snooper) and a work boat will be located in and around the vicinity of the bridge. Vessels that can safely transit through the bridge during periods with the snooper truck and work boat in the navigational channel may do so at any time. Vessels that cannot safely transit through the bridge during periods with the snooper truck and work boat in the navigational channel, may do so if at least a ten-minute prior notice is given to the project foreman. Inspection personnel, equipment and vessels will relocate from the moveable span and navigable channel, upon request. Work boat may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (667) 379-9457. Mariners should use extreme caution navigating through the area. (MT)

Spa Creek - S181 (MD 181/6th Street) Bridge - Bridge inspection will be conducted from 8 a.m. to 5 p.m.; Monday-Friday; from February 1,

2024, through February 23, 2024. A 30-foot work boat will be located in and around the vicinity of the bridge. During the work hours, the 30-foot work boat will be located in the navigational span of the bridge which will reduce the horizontal clearance of the bridge to approximately 20 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 of reduced horizontal clearance, may transit through the bridge upon request to the project foreman. Inspection personnel, equipment and vessels will relocate from the moveable span and navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (443) 975-4030 or (302) 379-0842. Mariners should use extreme 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)

Chesapeake Bay - US50/US 301 (William P. Lane Memorial) East Bound Bridge - Bridge maintenance will be conducted from 9 p.m. to 3 a.m., Monday-Friday, from February 19, 2024, through February 23, 2024; from 9 p.m. to 3 a.m., Monday-Thursday from February 26, 2024, through February 29, 2024; and from 10 p.m. to 3 a.m. on Friday March 1, 2024. Alternative work dates will be from 10 p.m. to 3 a.m. on Friday March 8, 2024, and from 9 p.m. to 3 a.m., Saturday through Thursday, from March 9, 2024, through March 14, 2024. During work hours, a snooper truck (under-bridge inspection vehicle) will be located in the navigation span from the west bridge pier outward approximately 200 feet toward the center of the navigation span, reducing the vertical clearance beneath the snooper truck to approximately 177 feet 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 eastern half of the navigation span from the center of the span to the east bridge pier (approximately 750 feet of horizontal clearance) will be unrestricted. Vessels that can safely transit through the bridge during periods with reduced vertical and horizontal clearances may do so at any time. The safety vessel may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (410) 708-4794. Mariners should use extreme caution navigating through the area. (MT)

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)

- **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 labeled "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)

- **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@hrcpjv.com. In case of emergency, please contact USCG Sector Virginia Command Center on VHF-FM Channel 16 or 757-483-8567. Project information may be found at <https://hrbtexpansion.org>. (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)

Diascund Creek - SR 601 (Hicks Island Road) – Bridge construction activities which began May 2023, are expected to finish on January 24, 2025. Work will be on-going from 7 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. A 20x8 foot wide work barge, 17-foot safety boat, will be operating or stationed in the vicinity of the existing and new bridge. A temporary trestle bridge will be constructed adjacent to the existing bridge site to allow for vehicular travel. The temporary trestle bridge will have a vertical clearance of approximately 2 feet at mean high water, and a horizontal clearance of approximately 25 feet. During the demolition of the existing bridge and construction of new bridge, the east and west channels will each be reduced to approximately 13 feet between the abutment and pier cofferdams and one of the channels will be occupied by the work barge, while the other channel will be available for vessels to safely transit. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. Bryant Structures' work barge and safety boat will be operating in the area. The VDOT Construction Manager may be contacted at (757) 719-0556 and Bryant Structures' may be contacted at (757) 869-6591 or (757) 897-8728. Project information may be found at <https://www.virginiadot.org/projects/hampton-roads/route-601-over-diascund-creek.asp>. (MT)

Hampton River - I-64 (Hampton Roads Beltway) Westbound Bridge – Bridge maintenance will be conducted from 7 a.m. to 5 p.m.; Monday-Saturday; from September 5, 2023, through February 29, 2024. A work barge and temporary work trestles will be in the vicinity of the bridge but will not restrict the navigational channel. Temporary work trestles will be installed and located north of the bridge for the duration of the maintenance. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (757) 639-5179 or (252) 312-4876. Mariners should use extreme caution when navigating through the area. (MT)

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)

Southern Branch of the Elizabeth River - I-64 High Rise Bridge - To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 8 p.m., February 18, 2024, through 5 a.m. February 23, 2024, with alternate dates scheduled from 8 p.m., February 25, 2024, through 5 a.m., March 1, 2024. Vessels able to pass through the bridge in the closed position may do so at any time. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.997 (e). The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.997(e). All mariners should use caution when transiting the area. (JW)

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)

Banks Channel - South Bank Channel Bridge – Bridge maintenance will continue on the South Bank Channel Bridge over Banks Channel at Wrightsville Beach in New Hanover County, NC from 6 a.m. to 7 p.m. 7 days a week, through February 29, 2024. During the repair period, a work platform will be located underneath the bridge, which will reduce the vertical clearance of the bridge to approximately 4 feet above mean high water. Vessel traffic will need use an alternate route. Work vessels may be reached on VHF-FM channel 13 and 16.

will be performed from 6 a.m. to 7 p.m., 7 days a week, from January 3, 2022, through June 30, 2023. During the repair period, a work platform will be located underneath the bridge, which will reduce the vertical clearance of the bridge to approximately 4 feet above mean high water. Vessel traffic will need use an alternate route. Work vessels may be reached on VHF-FM channel 13 and 16.

Atlantic Intracoastal Waterway - Onslow Beach Swing Bridge – Construction activities began October 2022 and are expected to finish February 2025. Work will be on-going from 7 a.m. through 7 p.m.; Monday through Friday, excluding Government holidays. To facilitate construction of the new bridge fender system, a work barge will be placed in the navigation channel from 8 a.m. to noon, and 1 p.m. to 5 p.m.; Monday through Friday, excluding Government Holidays from October 2, 2023, through March 29, 2024. During construction of the new bridge fendering system vessels with beams less than 20 feet may transit the bridge at any time and vessels with beams greater than 20 feet should adjust their voyage plan to transit the bridge outside working hours or between the hour of noon to 1 p.m. Vessels with a beam greater than 20 feet unable to adjust their voyage plan between the hour of noon to 1 p.m., may transit the bridge during working hours, if at least 24 hours' notice is given. Two barges, support vessel, and crew boat will be operating or stationed in the vicinity of the existing and new bridge. Temporary work platforms will be in place for the duration of construction of the new bridge and demolition of the existing bridge. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. Barge and vessels may be reached on VHF-FM channel 13 and 16 when work is in progress or vessels are operating the area. Mariners should use caution when transiting the area. (MT)

Atlantic Intracoastal Waterway - Temporary work platforms will be installed on either side of the waterway just north of the Onslow Beach Swing Bridge. Temporary work platforms will be in place for the duration of construction of the new bridge and demolition of the existing bridge. Crane operators and the bridge tender may be reached on VHF-FM channel 13. Mariners should use caution when transiting the area. (MT)

Cape Fear River - Cape Fear Memorial (US 17 BUS) Bridge – Bridge maintenance will be conducted 24 hours a day, 7 days a week, from January 15, 2024, through June 14, 2024. An under-bridge inspection vehicle (snooper truck) will be located on and underneath the bridge. During the work hours, the under-bridge (snooper truck) will be located underneath the bridge in the navigational channel which will reduce the vertical clearance of the bridge by approximately 5 feet to approximately 60 feet of vertical clearance for the duration of the maintenance period. Vessels that can safely transit through the bridge during periods with reduced vertical clearance may do so at any time. Vessels that cannot safely transit through the bridge during periods with a reduced vertical clearance may transit through the bridge upon request to the bridge tender or project foreman. Maintenance personnel, equipment and vehicle will relocate from the moveable span and navigable channel, upon request. The drawbridge tender may be reached on VHF-FM channel 13 and 16. The project foreman can be reached at (918) 691-8770 or (828) 417-2278. Mariners should use caution navigating through the area. (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)

- *Virginia (Northern)* – None

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 – SEACOAST – SEAGIRT TO LITTLE EGG INLET – BEACH NOURISHMENT – SEA BRIDGE BEACH

Continuing until approximately **15 March 2024** the hopper dredge(s) "R.B. Weeks" and "Magdalen" will be operating three (3) nautical miles offshore of Sea Bright Beach, Sea Bright, NJ. Work limits for the Borrow Area will be the area bound by the following approximate positions:

40°26'7.43"N, 73°56'34.48"W 40°26'7.74"N, 73°54'36.65"W
40°23'57.45"N, 73°54'36.76"W 40°24'0.08"N, 73°56'35.78"W

Staging Areas for dredge pipelines and equipment will be bound by the following approximate positions:

40°25'46.28"N, 74° 0'53.74"W 40°25'21.32"N, 74° 0'24.38"W
40°25'14.95"N, 74° 0'33.26"W 40°25'40.74"N, 74° 1'2.30"W and,

Anchorage Area 49F:

40°27'10.50"N, 74° 1'29.72"W 40°27'11.48"N, 74° 1'15.36"W
40°26'49.43"N, 74° 1'11.03"W 40°26'48.38"N, 74° 1'26.91"W

A staging area located in the vicinity of Barnegat Inlet, NJ will be bound by the following approximate positions:

39°46'6.66"N, 74° 7'11.88"W 39°46'6.36"N, 74° 6'57.60"W
39°45'37.26"N, 74° 7'8.70"W 39°45'37.98"N, 74° 6'52.50"W

The staging areas will be used for the duration of the project. Dredged material will be transported through a combination of floating and submerged line reaching between 2,500 feet to 4,500 feet offshore from the beach shoreline.

The proposed pipeline corridor is located between the following approximate GPS positions:

40° 6'34.89"N, 74° 1'58.64"W 40° 6'22.83"N, 74° 0'34.71"W
40°20'30.09"N, 73°56'23.67"W 40°20'42.64"N, 73°58'18.93"W

Operations will continue on a twenty-four (24) hours per day, seven days per week basis. The dredge and tugs will monitor marine VHF channels 13 and 16. Mariners are urged to use extreme caution and transit the area at their slowest safe speed to create minimum wake after passing arrangements have been made. Pipeline and equipment will have all required U.S. Coast Guard lighting for night operations. Estimated completion date: First wee of March 2024 with Demobilization by the end of **March 2024**. LNM 08/24

NJ – SANDY HOOK TO LITTLE EGG HARBOR – MANASQUAN RIVER CHANNEL – OUTFALL DREDGE PROJECT

SumCo Eco Contracting's will start the Meadow Point Road Outfall Dredging project for the Borough of Point Pleasant, Ocean County, NJ. Work will be conducted along the western shoreline of the Manasquan River at the Meadow Point Road Public Accessway between February 19, 2024 and **March 29, 2024**, from 5 AM to 8 PM daily. Approximate center point: 40° 05' 30.300" N 74° 04' 51.600" W. Mechanical dredging to take place along shoreline of Meadow Point Road residential access beach with a radius of excavation not to exceed 100' from shoreline. LNM 06/24.

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

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 **May 28, 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

Wickberg Marine Contracting, Inc. (WMC) will begin dredge operation on January 15, 2024 dredging in Ottens Canal Channel, located within the City of North Wildwood, Cape May County, New Jersey. Dredging of the channel will progress from west to east with the material being pumped to an area on land that is south of the channel. Dredging operations will conclude on or about **April 1, 2024** while dredging operations will typically be conducted Monday through Saturday with two shifts working from 0600 through 0200. During the course of all dredging operations, "GINA M" and WMC's personnel will monitor VHF Channel(s) 16 and 13. LNM 02/24

******NJ – LITTLE EGG HARBOR TO CAPE MAY – ICW – OCEAN CITY – DREDGE OPERATIONS******

Scarborough Marine Group will be conducting mechanical dredging operations starting November 15, 2023 to approximately **March 31, 2024**. Work will be conducted Monday thru Thursday in the following areas around Ocean City, NJ using various barges and work boats.

11th Street Outfall – CenterPoint – 39.279965N, -74.583165W

15th Street Outfall – CenterPoint – 39.277125N, -74.590568W

16th Street Outfall – CenterPoint – 39.276155N, -74.592121W

Carnival Bayou – CenterPoint – 39.274297N, -74.591397W

Sunny Harbor – CenterPoint – 39.276663N, -74.598462W

South Harbor – CenterPoint – 39.271617N, -74.601895W

Waterview - CenterPoint – 39.250089N, -74.625009W

For further information contact Sean Scarborough at 609-226-0078.

NJ – LITTLE EGG HARBOR TO CAPE MAY – OTTENS HARBOR – 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 **April 1, 2024**.

LNM 46/23

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

DELAWARE

DE – SMYRNA RIVER TO WILMINGTON – BULKHEAD SHOAL CHANNEL – DREDGING

Barneget Bay Dredging Company, Inc. will be conducting maintenance dredging of cooling water intake channel near the Delaware City Refinery. Dredging will approximately be from January 15, 2024, to **March 1, 2024**. The work will take place 24 hours a day Monday through Saturday. The dredge will monitor VHF channels 13 & 16.

DE – SMYRNA RIVER TO WILMINGTON – SALEM AND HOPE CREEK

Caldwell Marine International LLC. will begin crane and dive operations on SRE DE-15 Platform. Barge work site will be centered at: North 39-27-33.6, West 075-35-7.4. Barge will be moored with spuds and illuminated with white lights during dusk to dawn hours. Operations are expected to start on January 29, 2024 and be conducted 7 days per week between 0630 and 1830, and be completed on **March 15, 2024**. Vessels are requested to proceed at slow speed and provide a wide berth. Vessels are prohibited from passing between Crane Barge 'Hughes #824' & SRE DE-15 platform. Vessels will monitor VHF-FM CH16 and Working Channels VHF CH72 & CH77. LNM 04/24.

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 – NJ – WILMINGTON TO PHILADELPHIA – DELAWARE RIVER (MAIN CHANNEL) – DREDGE OPERATIONS

Norfolk Dredging Company, will be conducting maintenance dredging of the Marcus Hook range. Dredging will approximately be from February 7, 2024, to **March 31, 2024**. During Dredging operations coordinate with USCG Sector Delaware Bay Command center for Marcus Hook anchorage reservations. The dredge will monitor VHF channels 13 & 16.

Chart 12312 LNM 05/24

DE – CAPE HENLOPEN TO INDIAN RIVER INLET – WHITE CREEK & ASSAWOMAN CANAL – DREDGE OPERATIONS

Dredging of White Creek and the Assawoman Canal in Ocean View Delaware, through a pipeline running along the western bank of the Assawoman Canal to the designated Thin Layer Placement site located adjacent to Jefferson and Miller Creeks within the Assawoman Wildlife Management Area. Work will also include removal and disposal of trees and debris along the Assawoman Canal. Dredging will occur in vicinity of 38° 34.677900'N, 075° 05.626980'W and in vicinity of 38° 30.192894'N, 075° 04.318179'W. Operations will begin December 12 and continue to approximately **May 31, 2024**.

LNM 50/23

MARYLAND

MD – TANGIER SOUND – NORTHERN PART – RHODES POINT GUT CHANNEL – SEWER LINE CONSTRUCTION

Mariners are advised that Crofton Construction Services Inc. will be conducting pipeline Horizontal drilling construction from Rhodes Point, along Rhodes Gut channel to Tylerton. The Construction is scheduled for December 15, 2023, through **April 1, 2024**. The Construction includes installation of approximately 5,225 feet of pipeline from Tylerton wastewater pump station to the wastewater treatment plant at Rhodes Point. Mariners are urged to use caution when transiting the area. Interested mariners can contact the Crofton Construction Service at phone number 757-397-1131. For any questions or concerns, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2693. Crews will be monitoring the following radio frequencies: VHF channels 13 & 16.

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. Chart 12261 LNM 05/22

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 – SEVERN AND MAGOTHY RIVERS – ANNAPOLIS HARBOR CHANNEL – SUBMARINE CABLE WORK

There is a workboat, floating crane, and a 40x40' barge replacing submarine electric cable in approximate position 38°-58.5'N, 076°-28.8'W off of the Naval Academy sea wall. Work will be done between the hours of 0600 to 1800 seven days a week, and the workboat can be hailed on VHF channels 10 and 16. Mariners are urged to use caution when transiting the area. Work is expected to be completed around **March 4, 2024**. LNM 06/24

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 - BALTIMORE HARBOR CHANNELS CURTIS BAY, AND BREWERTON CHANNEL EASTERN EXTENSION – DREDGE OPERATIONS

On or about Dec. 10, 2023, Cashman Dredging and Marine Contracting Co., LLC will begin dredging operations in the Baltimore Harbor Channels Curtis Bay, and Brewerton Channel Eastern Extension. Project will utilize the Dredge Dale Pyatt and dump scows MERC Shevlin, Kurt Schulte, D.A. Chambers and C.J. Welch. Loaded scows from the Curtis Bay will be transported to Cox Creek, located on Marley Neck, for disposal by the off-loader barge Kraken. Loaded scows from the Brewerton Channel Eastern Extension will be transported to the Northern Access Channel and South Access Channel at Poplar Island for disposal by the off-loader barge Kraken. Loaded scows will be transported by the tugboats Charles James, John Joseph, Ivory Coast, Amy Hebert, and Kendall Hebert. The marine equipment will be supported by the survey vessel "Cape Elizabeth" and the support vessel "Brooks Hooks." All vessels will monitor VHF channels 16, 13, and 67. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. Marine operations will be conducted 24 hours daily, Monday through Sunday. Marine operations will be completed on or before **March 15, 2024**.

MD – APPROACHES TO BALTIMORE HARBOR – SPARROWS POINT CHANNEL – SEDIMENT CHARACTERIZATION SAMPLING

Between 15 January and **29 February 2024**, EA Engineering, Science, and Technology, Inc., PBC (EA) will be conducting sediment sampling operations in and around the Sparrows Point Channel on the Patapsco River in Baltimore County, Maryland. Work will be performed during daylight hours aboard the R/V *CanDu*, a 37 foot by 16-foot shallow draft pontoon barge configured in a 4-point mooring system owned and operated by Ocean Surveys, Inc. The R/V *CanDu* will be conducting sediment sampling operations in the access channels adjacent to the terminal berthing areas using vibracoring techniques that penetrate the riverbed. During the sediment sampling operations, the vessel will be anchored with restricted maneuverability and requests a slow bell and no wake. The R/V *CanDu* will be monitoring VHF channels 13 and 16 and can be reached directly via cell phone by contacting Ms. Kiersten Miller (239-405-3611) or Mr. Michael Durbano (609-332-0534).

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 included holidays.
Chart 12281 LNM 47/23

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 – SANDY POINT TO SUSQUEHANNA RIVER – DREDGE OPERATIONS

Mechanical dredging operations on behalf of the United States Army Corps of Engineers (USACE) will commence on or about November 26, 2023 in the Federal Navigation Channel in the Chesapeake Bay, Elk River and C&D Canal from Pooles Island in the Chesapeake Bay to the Summit Highway Bridge in the C&D Canal. Loaded scows will be towed from the work area to the Unloader barge located at the Pearce Creek Dredge Containment Facility for offloading. The unloader barge will be staged on the South of the channel and North of Wroth Point. An 18" submerged HDPE pipeline will be placed on the river bottom from the Unloading Barge into the placement Facility.

The Dredge KOKO V and/or KOKO VI will be dredging the area with the assistance of towing tugs and scows. Vessels and crew will monitor VHF channel 13 during the project execution. Dredging and unloading operations will continue daily until the estimated completion date of **March 31, 2024**.
LNM 46/23

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

None reported.

VIRGINIA

VA - CAPE HENRY TO THIMBLE SHOAL LIGHT – CRAB CREEK & LONG CREEK – DREDGE OPERATIONS

Maintenance dredging operations by the Salmons, Inc. dredge barge for the City of Virginia Beach will commence on or about January 22, 2024 in the Crab Creek section and continue during daylight hours Monday through Friday until completion on or before February 28, 2024, and in the Long Creek area between March 1, 2024 and completed by **March 29, 2024**.

A dredge barge, 40' X 40' Shugart barge with a Volvo EC290C hydraulic excavator and two 30' X 40' barges for dredged material will be used as well as a 25' L X 14' W pusher boat, Miss Naomi. Barges will be spudded and tied to wharf during none work hours. LNM 04/24

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 – LYNNHAVEN RIVER EASTERN BRANCH – DREDGE OPERATIONS

H&H Enterprises will be dredging three locations inside Lynnhaven River which are Brown Cove, Keeling Drain, and Pleasure House Creek. Dredge spoil barge will be working in the Lynnhaven basin and Crab Creek area. The push boat, "Miss Jennifer", will be transiting with the dredge spoil barge from Lynnhaven River to Western Branch of the Elizabeth River and will be standing by on VHF-FM channels 13, 16 and cell 757-435-9667. Dredging operations will begin February 6, 2023 and end **January 2024**. For more information or questions, contact H&H Enterprises at 757-484-0308.

Chart 12222. LNM 05/23

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

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

Charts 12222

VA – 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 – NORFOLK HARBOR AND ELIZABETH RIVER – ELIZABETH RIVER EASTERN BRANCH

Crofton Construction Services, Incorporated will commence horizontal directional drilling and installation of water lines and telephone conduit using hydraulic drilling at Elizabeth River Crossing beginning January 08, 2024, and continuing until around **March 24, 2024**. The approximate location of the project is: 36°50'26"N 76°16'50"W. All equipment will be provided with the normal navigational devices consistent with regulatory directives indicating to any potential traffic to stay clear of the barge(s). The equipment will be present at night, have nighttime navigational lights, and be spudded down. The entire channel will not be closed during any stage of construction and 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.

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 – SUBMARINE CABLE INSTALLATION

Shirley Branch Joint Venture will begin installation of a submarine cable adjacent to south side of the Pembroke Ave bridge on the Hampton River. Approximate position: Lat: 37°01'55"N, Long: 76°20'13"W. project will begin on February 13, 2024 to **March 29, 2024**, from 7 am to 6 pm, Monday-Friday. Work boats and support equipment will monitor VHF 74, 16 & 13. LNM 06/24

VA – HAMPTON ROADS - NEWPORT NEWS – PIPELINE INSTALLATION PROJECT

A pipeline installation project will begin on or about August 1, 2023 and is expected to continue to **August 2025**. A temporary work platform measuring 200 feet in length by 90 feet in width will be constructed on the south side of the federal shipping channel and federally maintained anchorage area, approximately ¾ of a mile west of the Monitor-Merrimac Memorial Bridge Tunnel. Its approximate center at latitude/longitude 36.9486259°N, 076.4195787°W. At various stages of construction, series of piles will extend north ward from temporary work platform and barges will be moored to and around platform. The temporary work platform will be equipped with four (4) 360-degree visible amber warning lights, one (1) light at each corner. All mooring piles, buoys, and goal-post piles will also be individually equipped with one (1) 360-degree visible amber light atop each pile. On or about February 26, 2024, additional temporary mooring piles with a 360-degree visible amber light atop each pile will be installed, except for the last two (2) piles on the west end adjacent to the Nansemond Channel which will be red lights. The additional piles will be used to secure an assembled pipe string floating in the water and are expected to remain in-place through August 2024. These additional mooring piles and in-water pipe string will occupy a curved path approximately 50 feet wide by 5,700 feet long between latitude/longitude 36.911340°N, 076.420517°W and 36.916799°N, 076.437499°W. Barges may also be present in the area, each individually equipped with four (4) 360-degree visible white warning lights, one (1) light at each corner. At no time will construction project affect, interfere with, obstruct, nor otherwise adversely impact marine traffic in the federal navigation channel or federally maintained anchorage area. Tugs, vessels, and platform 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.

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

Seaward Marine Corporation will begin maintenance dredging of Newport News Shipyard facility using crane barge and dump scows. Dredging will begin on May 20, 2023 and continue until **May 20, 2028**. Tender Tug, Matty T, will monitor VHF FM Channel 16, 13, 03. Operations will utilize two mooring buoys in approximate position: 36°58.825' N, 76°27.525' W, and 36°58.668' N, 76°27.386' W. All equipment will be lighted in accordance with regulations. For more information, contact Scott White, Project Manager, 757-641-2132.

VA – NEWPORT NEWS TO JAMESTOWN ISLAND – DEEP CREEK CHANNEL – DREDGE OPERATIONS

W3 Marine and the dredges MOBRO 112, will be conducting dredging operations on the James River at the Deep Creek Channel and Basin beginning on February 15 until June 15, 2024. 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. Approximate Position Center Point: 37-04-31.539N, 076-32-03.316W. LNM 06/24.

VA – JAMESTOWN ISLAND TO JORDAN POINT – CHICKAHOMINY RIVER – PIER PROJECT

Crofton Construction Services, Incorporated (CCSI) will be performing construction at the Chickahominy Riverfront Park with the demolition of the existing pier and installation of a 290 open-pile pier, and asphalt access pathway. Approximate project location: 37°15'52.90"N, 76°52'28.98"W. Project will begin June 5, 2023, and continuing until **March 1, 2024**, 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 12251 LNM 21/23

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

Contrell Contracting Corporation of Chesapeake, Virginia advises that the Dredge Lexington and support equipment will be conducting dredging operations at Jordan Point Channel on the James River between James River Lighted Buoy 89 (LLNR 12387) and James River Lighted Buoy 97. Dredging will commence on January 17, 2024 and continue through **February 15, 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 03/24

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

Maintenance dredging of a portion of the existing Weanack Access Channel and Shirley Cove in Charles City, Virginia, will begin on January 12, 2024 and continue until **February 14, 2024**. The maintenance dredging will be conducted in a portion of the existing Weanack Access Channel approximately 300' east of where the Weanack Access Channel and Widener adjoin the James River Federal Navigation Channel, between James River Channel Light 124 (LLNR 12610) and James River Channel Lighted Buoy 126 (LLNR 12660). At no time will New River Dredging equipment enter the James River Federal Navigation Channel or interfere with marine traffic in the Federal channel. Point of Contact for Dredging Operations is Eric Brinson, New River Dredging, 910-330-5682, newriverdredge@hotmail.com. LNM 03/24

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 **July 31, 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

NORTH CAROLINA

NC – CAPE HATTERS – HATTERAS INLET – HATTERAS CONNECTOR - DREDGING OPERATIONS

EJE Dredging Service will begin dredging operations in the Hatteras Inlet Connector Channel. The "MISS KATIE" dredge vessel is expected to begin dredging operations during the first week of March 2024, and will continue for the first two weeks of March 2024, dependent upon weather conditions, maintenance, etc. Dredging operations will be performed on a schedule of 12 hours and/or 24 hours a day, seven (7) days a week. All dredge spoils will be transported to a disposal site located off Ocracoke 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.

NC – BEAUFORT INLET AND CORE SOUND – DREDGE OPERATIONS

Next Generation Logistics, LLC will begin maintenance dredging in Lookout Bight, Barden Inlet, and Back Sound. Dredging will begin February 1, 2024, to **April 30, 2024**. Dredge Crew Compass will monitor VHF 16 and working Channel of VHF 7. Disposal sites will be Bird Island and Lighthouse Beach. LNM 06/24

NC – BOGUE SOUND – NEW RIVER – INTERCOASTAL WATERWAY DREDGE OPERATIONS

Cottrell Contracting Corporation of Chesapeake, Virginia advises that the Dredge *Newmarket* will be conducting dredging operations on the Intracoastal Waterway of North Carolina. Dredging activity will occur between Bouge Sound Light 45(LLNR 39040) and Bouge Sound Light 46 (LLNR 39065). Operations to begin on December 30, 2023 and complete by **February 29, 2024**.

NC – MOREHEAD CITY HARBOR – BEAUFORT INLET – DREDGE OPERATIONS

Marinex Construction, Inc. will commence mobilization operations with the Dredge "Savannah" and equipment the week of November 6th, 2023, for the Morehead City Inner Harbor Maintenance Project. The upper limit of work is Range C of the Beaufort Inlet Channel near Morehead City Channel Lighted Buoy 21 (LLNR 29445) and the outer limit of work will be Range A of the Beaufort Inlet Channel near Beaufort Inlet Channel Lighted Buoy 7 (LLNR 29284). Starting the week of **November 27, 2023**, the Dredge Savannah should commence work and will continue along ranges A, B, Cutoff, and C, between the aforementioned limits on a 24 hour per day, 7 days per week basis through **April 15, 2024**. LNM 44/23. Chart 11547

NC – MOREHEAD CITY HARBOR – DREDGE OPERATIONS

Beginning on or around December 28, 2023, Dutra's clamshell dredge the *Harry S*, tug *Allie B*, dump scow *ES-15*, dump scow *MS-16*, and tender boat *Kimberly S* will be operating in the Morehead City Inner Harbor in waters adjacent to the NC State Port. The work area includes the waters in Bogue Sound East of Morehead City, North of Brandt Island, and West of Radio Island. Dredging is anticipate to take approximately 3 months with a work window ending **March 31, 2024**. During the operations, towing tug, *Allie B*, will be moving the two dump scows between the dredge area and the Ocean Dredged Material Disposal Site (ODMDS) which located offshore approximately 3.5 South of Fort Macon. The equipment will operate 24 hours a day, 7 days a week until the assignment is complete. Mariners are urged to proceed with caution at a slow, safe speed when passing or overtaking one of the project vessels. The crew of the *Harry S* will monitor VHF channels 13, 16, and 82A for communication purposes.

NC – MOREHEAD CITY HARBOR – MOREHEAD CITY CHANNEL – SHORELINE STABILIZATION PROJECT

Carolina Marine Structures will begin a shoreline restoration and protection project on Fort Macon State Park, adjacent to the USCG Base in Fort Macon. All work will be conducted from the beach and will not interfere with marine traffic. Project is set to start on February 1, 2024 and be completed around **June 30, 2024**.

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – TOPSAIL INLET – DREDGE OPERATIONS

The Dredge DELAWARE, along with support equipment, is performing dredging operations from November 10, 2023, until approximately **February 28, 2024** for Topsail Beach, Inlet, and Sound Maintenance Dredging. Dredge Operations will be conducted in Topsail Inlet, Banks Connector, Cut Through, and Topsail Creek leading towards Intracoastal Waterway. Dredged material will be pumped to beach placement areas on Topsail Beach, North Carolina. Dredge Delaware will stage and anchor floating equipment and pipeline outside Banks Connector Channel next to Topsail Island. Flashing yellow lights are displayed for pipeline and white anchor lights on floating equipment. Dredging operations will occur in and around the Topsail Inlet. The dredge will be connected to a floating pipeline within Topsail Inlet channel. This floating pipeline will be connected to submerged pipeline. The submerged pipeline will come on shore east of the inlet. Any used submerged pipeline will be marked with white regulatory buoys with flashing amber lights along the pipeline with appropriate signs and lights placed at pipeline entry and exit points. The floating pipeline length is approximately 3000' feet at its longest length. Floating pipeline will be anchored and tended by tender tugboats. Please use extreme caution navigating along the western end of Topsail Beach regarding these submerged and floating pipelines. The Dredge Operator will standby on channels #13, #16, and #07 VHF-FM. For any emergencies, the dredge operator can be reached at 757-570-8453. LNM 44/23



NC – NEUSE RIVER TO MYRTLE GROVE SOUND – MASONBORO INLET – DREDGE OPERATIONS

Marinex Construction, Inc. hereby notifies the USCG that it will commence mobilization operations with the Dredge "Wadmalaw" and equipment the week of December 12th, 2023, for the Wrightsville Beach CSRSM Project. Equipment and the dredge will be staged in Banks Channel just behind the southern tip of Wrightsville Beach. The job consists of dredging beach quality sand from Banks Channel and the Masonboro Inlet Channel and placing it in template on Wrightsville Beach. During the week of December 18, 2023 the Dredge Wadmalaw should commence work and will continue working in the Masonboro Inlet Channel and Banks Channel limits on a 24 hour per day, 7 days per week basis through **March 15, 2024**.

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – RICH INLET – NIXON CHANNEL – BEACH NOURISHMENT

Southwind Construction will begin work in Nixon Channel, New Hanover County North Carolina, Dredging Nixon Channel Borrow Area near Rich Inlet with sand placement on Figure 8 Island. Submerged and floating pipeline associated with dredging operation; will be used. Mariners are urged to transit at the slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. Pipeline and vessels will be visibly lighted and marked pursuant to Coast Guard regulations. Submerged pipeline will be located along the south shoreline of Nixon Channel traversing from the described Borrow Area to the designated placement area at Figure 8 Island. A submerged line channel crossing is also proposed for the southern access route of Nixon Channel from the Borrow location on Figure 8 Island. Dredge Wilko and Workboats: Ann Kay & Danny Jo will begin January 23, 2024. Work will be conducted 24 hours a day, 7 days a week until **April 15, 2024**. LNM 04/24

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – MASON INLET & ICW – DREDGE OPERATIONS

Ahtna Marine and Construction Company will be dredging shoaled material from Mason Inlet, Mason Creek, and the ICW, with subsequent placement on the southern beachfront on Figure Eight Island. Dredging operations are expected to begin on or around November 6, 2023, and will be complete no later than **March 31, 2024**

Pipeline will be marked with flashing lights at night. Boaters are urged to maintain a safe distance from the dredge and pipeline to avoid potential interference with the dredging operations.

Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after arrangements have been made. Dredge and barges will be monitoring VHF Channels 16 and 79.

NC – CAPE FEAR RIVER – SUNNY POINT TERMINAL – DREDGE OPERATIONS

Project on hold until the middle of March 2024. The Dutra Clamshell Dredge DB Paula Lee, Tug "Colonel", Dump Scow WF-9, Dump Scow CK-7, and Work Boat "Trojan" will be operating in the lower Cape Fear River at the Military Ocean Terminal at Sunny Point (MOTSU). The MOTSU Base is located on the western side of the Cape Fear River between the Reaves Point Channel and the Upper Midnight Channel as designated by the security zone. Project will take approximately 2.5 months putting completion close to TBD. During the operations, our towing tug, the Colonel, will be moving the two dump scows between the dredge area and the Ocean Dredged Material Disposal Site (ODMDS) which is approximately 9 NM from the mouth of the Cape Fear River. The equipment will operate 24 hours a day, 7 days a week until the assignment is complete.

Mariners are urged to proceed with caution at a slow, safe speed when passing or overtaking one of the project vessels. The crew of the DB Paula Lee will monitor VHF channels 13, 16, and 68A for communication purposes.

Chart 11537

NC – CAPE FEAR RIVER – DREDGE OPERATIONS

The Dredge BALTIMORE will commence dredging operations in the Cape Fear River on or about October 13, 2023. The project is expected to continue until approximately **June 2024**. The dredging work limits are approximately between Cape Fear River Lighted Buoy 18 (LLNR 30470) and the Cape Fear Memorial Bridge.

Scows will be towed from the jobsite to the Ocean Dredged Material Disposal Area in approximate position: 33-43-10.4669 N, 078-02-40.4923 W.

The Dredge Operators will standby on channels #13 and #16 VHF-FM. Traffic should call 60 minutes prior to the expected time of passage. Project will be conducted twenty-four (24) hours per day seven (7) days a week. To facilitate dredging of the navigation channel, USCG may temporarily relocate or remove some Aids to Navigation.

Chart 11537 LNM 40/23

NC – MYRTLE GROVE SOUND TO LITTLE RIVER – DREDGE OPERATIONS

Cottrell Contracting Corporation of Chesapeake, Virginia advises that the Dredge *Lexington* will be conducting dredging operations on the Atlantic Intracoastal Waterway of North Carolina. Dredging activity will occur between Cape Fear River to Little River Buoy 47 (LLNR 40225) and Light 48A (LLNR 40240) in the vicinity of Lockwood Folly Inlet, NC. Dredged material will be pumped hydraulically onto Holden Beach. Operations to begin on February 20, 2024 and complete by March 25, 2024. LNM 07/24

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

NEW OR UPDATED INFORMATION

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

******MD – CHESAPEAKE BAY – SEVERN RIVER - ROWING COMPETITION******

An annual U.S. Naval Academy intercollegiate rowing competition is scheduled to occur on the Severn River at Annapolis, MD on, **March 23, April 6, April 20, April 21, April 27, 2024**, between **6:30 a.m. and 9:30 a.m.** Up to 14 participating vessels will race in heats along a 2,000-meter marked rowing course located between Severn River Light 2A (LLN-19950) and the entrance to College Creek. Two alternate courses are located as follows: Secondary "A" course from Severn River Light 2 (LLN-19945), upriver to the entrance to Chase Creek, and Secondary "B" course from the Severn River (US-50) Bridge, upriver past the entrance to Saltworks Creek. The race course in use will be marked with inflatable buoys every 500 meters. Mariners are urged to use caution and remain alert for other watercraft when transiting the area, proceed at the minimum speed necessary to maintain a safe course that minimizes wake while operating near the race course. Official patrol vessels on scene can be contacted on marine band radio VHF-FM channel 16. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region at telephone number (410) 576-2693. Charts 12282, 12283

VA – MD – DC - POTOMAC RIVER - MATTAWOMAN CREEK TO GEORGETOWN - UPPER POTOMAC RIVER – NATIONAL HARBOR ACCESS CHANNEL – FIREWORKS DISPLAY

A short-duration aerial fireworks display is scheduled to occur on the Potomac River at National Harbor, MD on March 19, 2024 at 9:00 p.m. The fireworks will be launched from a barge located approximately 300 feet from the grounds of the Gaylord National Resort & Conference Center, in approximate position latitude 38° 46' 59.44" N, longitude 077° 01' 10.12" W. Mariners are urged to use caution when transiting the area, and heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 250 feet from the fireworks barge. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2693 or MDNCRWaterways@uscg.mil. Chart 12289.

**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 February 2024, continuing until approximately **September 30, 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.

NY – NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS

M/V Fugro Explorer will be conducting a geotechnical site investigation, comprised of drilling and performance of downhole sampling and Piezo Cone Penetration Testing within Federal waters. 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 started in November 2023, continuing until approximately **April 30, 2024**, and will be conducted 7 days per week, 24 hours per day until survey completion with periodic port calls. Fugro Explorer will monitor VHF-FM Ch 16. The vessel will be fixed to the seabed and requires at least two hours' notice to move; please observe a minimum 0.5NM passing clearance.

NJ – SEACOAST - GEOPHYSICAL SURVEY OPERATIONS OFF ATLANTIC CITY, NJ

The R/V Brooks McCall, will be conducting geotechnical operations offshore Atlantic City, New Jersey from approximately February 2nd through **February 28th, 2024**, weather permitting. Vessel will have restricted maneuverability during survey operations. The vessel will monitor VHF 16 & 13 during the survey. Mariners, please transit the area with extreme caution.

Survey area bound by:

1 -74.068415W, 39.791282N 2 -74.033166W 40.490444N 3 -73.263979W 40.478651N 4 -73.225838W 39.694726N

NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS

The *HOS Browning*, call sign XCBK8, will be conducting geotechnical survey operations, using a mobilized vibracoring system. Operations will occur within Lease 0541 area and have been ongoing since 2022 and continue to approximately **June 30, 2024**. The vessel will be going back and forth between the 4 sites below.

0541 NYBight

SW 73.6527816°W 39.1957859°N
SE 73.6250767°W 39.1935921°N
NE 73.4520561°W 39.4406587°N
NW 73.6344779°W 39.4857573°N

Project 1

SW 74.0900119°W 39.1444729°N
SE 74.0295571°W 39.1877915°N
NE 74.1100203°W 39.3712173°N
NW 74.2487547°W 39.2754104°N

Project 2

SW 74.0295571°W 39.1877915°N
SE 73.9437933°W 39.2843943°N
NE 74.0473319°W 39.3761597°N
NW 74.1100203°W 39.3712173°N

Project 3

SW 74.1079482°W 39.3743668°N
SE 73.9425979°W 39.3213875°N
NE 73.9387155°W 39.6729316°N
NW 74.0491456°W 39.5865579°N

The OSS *HOS Browning* will have restricted maneuverability during seafloor sampling operations and is requesting mariners working in or transiting through the area to give a 0.5 NM CPA. The *HOS Browning* will be monitoring VHF channels 16 and can be contacted on these frequencies for safe passing arrangements. LNM 02/24

NY - NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS

The R/V *Westerly*, will be conducting survey operations, operating multibeam bathymetry; side scan sonar; marine magnetometer, and shallow/medium seismic to map the seafloor and near-surface sub-bottom conditions. Vessel may additionally run weather patterns or testing in sheltered areas without survey sensors. Average vessel speed will be 3.7 knots while towing sensors up to 425 feet behind vessel. Operations will continue through **June 2024**. Survey area will be bounded by the following approximate positions in, Lease area 0539, and along export route(s) originating at the lease and terminating outside of Lower New York Bay Long Beach NY and Manasquan NJ.

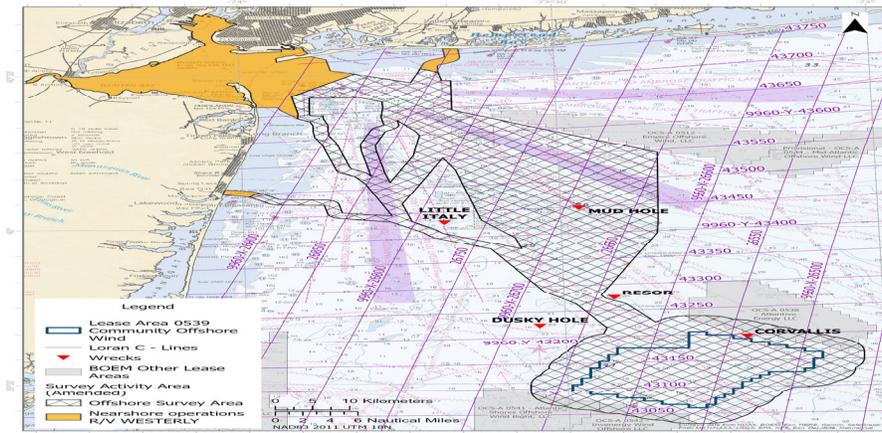
NW= 40° 42' 31.2098"N; 74° 02' 03.2042" W NE = 40° 42' 45.9071N, 73° 58' 07.5237" W
SE = 40° 27' 56.4037"N, 73° 52' 02.5237" W SW = 40° 28' 53.1026"N, 74° 09' 42.6523" W

NW= 40° 34' 57.6583"N; 73° 41' 03.1808" W NE= 40° 34' 55.6788" N; 73° 39' 04.9101" W
SE = 40° 32' 12.0277" N, 73° 40' 10.1310" W W = 40° 33' 02.4341" N, 74° 41' 10.4384" W

NW= 40°07' 55.0000"N; 74°01' 37.4615"W NE= 40°05' 53.5374"N; 73°56' 33.0598W
SE= 40°04' 49.6295"N, 73°56' 39.4560"W SW= 40°06'34.5920"N, 74°01' 58.0821"W

The R/V *Westerly* will be restricted in her ability to maneuver and is requesting mariners operating in or transiting the area to give a 0.5 NM CPA. The R/V *Westerly*, will be monitoring VHF channel 16 and can be contacted on these frequencies for safe passing arrangements.

Chart 12326, 12323



NY - NJ – SEACOAST – OFFSHORE SURVEY OPERATIONS

Sanco Swift will begin survey operations September 20, 2023 in lease area OCS-A 0539, approximately 32 nautical miles offshore of Little Egg Harbor, New Jersey and approximately 56 nm (104 km) offshore of Jones Beach, New York. The survey work proposed is for geophysical survey activities covering the entire Lease Area and export cable corridors.

Average vessel speed will be 4 knots with towed sensors up to 1300 feet (400 m) behind vessel and 390 feet (120 m) wide. Maximum vessel speed is 12 knots during transits when no towing sensors. Vessel will be restricted in its ability to maneuver when towing and approaching vessels are requested to pass at closest point of approach of 1 nautical mile.

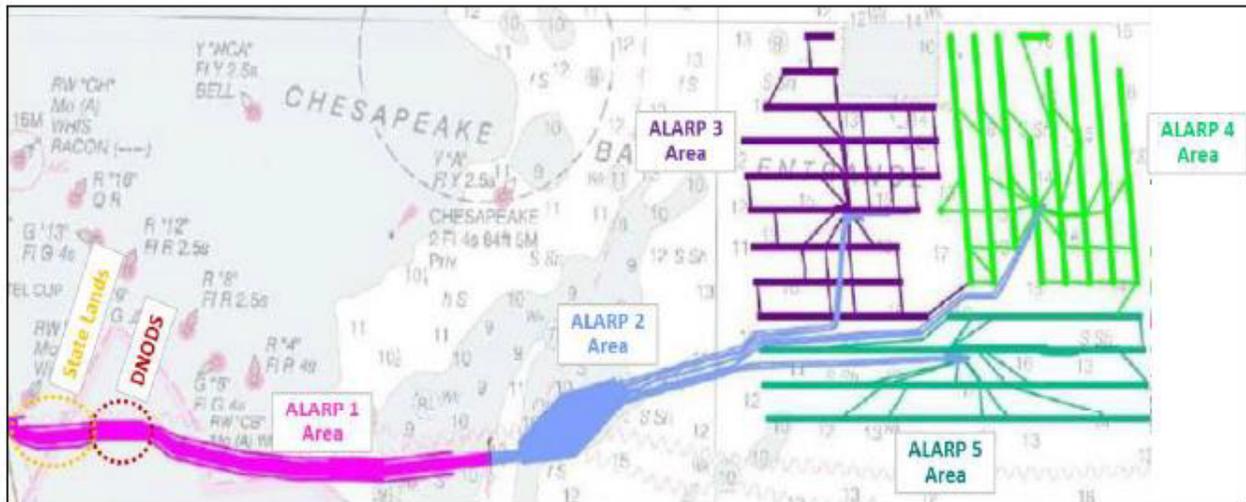
Survey area bounded by:

- 39-23-00N, 073-14-21W
- 39-31-34N, 073-02-47W
- 39-36-45N, 073-02-38W
- 39-41-50N, 073-14-47W
- 39-41-55N, 073-20-27W
- 39-37-05N, 073-28-38W
- 39-30-27N, 073-32-49W
- 39-27-33N, 073-32-53W
- 39-23-06N, 073-21-06W
- 39-23-00N, 073-14-21W

Survey operations will continue till **May 15, 2024**. Sanco Swift can be contacted on VHF-FM CH 16 or at captain.swift@sanco.no / bridge.swift@sanco.no LNM 37/23

VA – NC – SEACOAST - UNEXPLODED ORDNANCE DISPOSITION CAMPAIGN

UXO *identification* surveys are complete, and the Project is shifting to UXO *relocation* activities. Project vessels HOS INNOVATOR, HOS WARLAND, and HOS MYSTIQUE will be starting UXO relocation activities in and around the export cable corridor offshore (Area 2), followed by relocation activities in the NE section of the lease area (Area 3), and then closer to shore east of the DNODS site (Area 1). Vessels engaged in UXO operations will fly the international maritime signaling flag bravo, and routinely broadcast "Securitaë" messages.

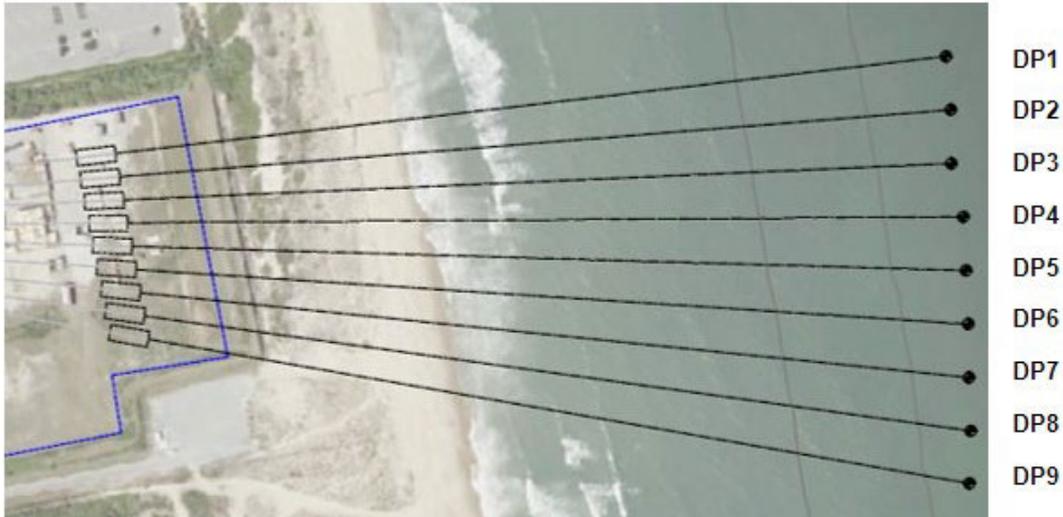


The U.S. Coast Guard (USCG) published Docket Number USCG-2024-0081 to the Federal Register to establish a temporary safety zone for navigable waters within a **1,000-yard radius** of the HOS INNOVATOR, HOS WARLAND, and/or the HOS MYSTIQUE. Operations are planned to relocate UXO in the Atlantic Ocean, within 12 miles of the shores of the State Military Reservation, in Virginia Beach, Virginia. The safety zone is needed to protect personnel, vessels, other mariners, and the marine environment from potential hazards created by these operations. Entry of vessels or persons into this zone is prohibited unless specifically authorized by the Captain of the Port, Sector Virginia or a designated representative.

This rule is effective and subject to enforcement from January 26, 2024 through July 1, 2024. The USCG will issue a Broadcast Notice to Mariners via VHF-FM marine channel 16 when the zone is being enforced. For vessels requesting to enter the Safety Zone, coordinate with Project vessels on VHF Ch 16 prior to entry or with USCG.

Horizontal Directional Drilling Construction Site:

At the end of February, Project vessels will begin installing (9) High-Density Polyethylene (HDPE) conduits using Direct Pipe installation methods, approximately 400 meters seaward of the State Military Reservation in Virginia Beach. Mobilization for this construction project will begin on February 25, 2024, with construction activities beginning offshore on or around March 3, 2024.

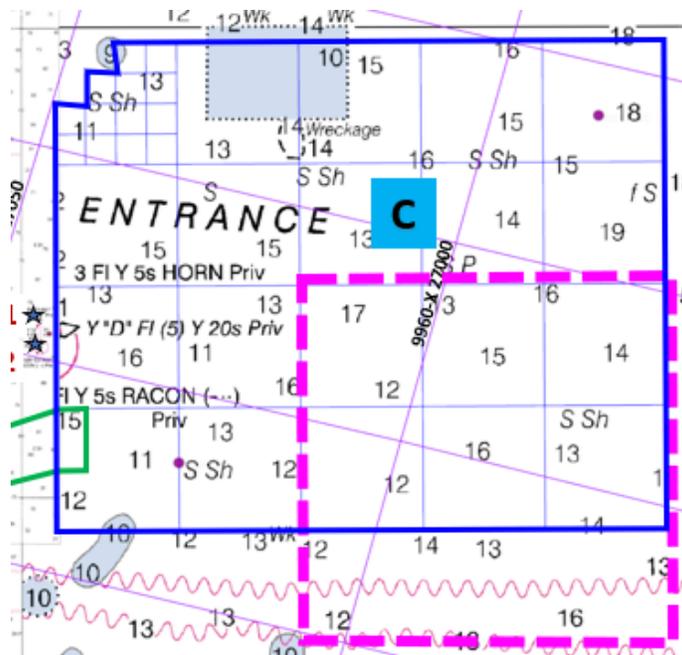


(overview of construction area)

This activity will also include conducting a towing evolution from Fairwinds Landing (formerly Lambert’s Point) to the construction site (400m seaward of State Military Reservation shoreline).

The construction site will have as many as seven vessels involved on the site at various stages, including 2 Lift Boats, 2 Offshore Supply Vessels, and 3 Towing Vessels. Buoys will be placed at the entrance of each boring tunnel to mark the entry point for the HDPE conduits from offshore.

Fisheries Resource Characterization Studies:



Fisheries Survey Area (pink dotted line)

In partnership with the Virginia Institute of Marine Science (VIMS) and the Virginia Marine Resource Commission (VMRC), Dominion Energy is conducting resource assessment studies for Black Sea Bass, Channeled Whelk, and Atlantic surfclam in and around the project area, **specifically the area outlined in the dotted line on the chartlet above**. The use of novel acoustic release device technology limits or 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, acoustic release buoys are utilized to recover the gear. The chart above displays sampling 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 for the next 18 months.

•**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 begin in Q1 2024 and will be completed in partnership with local commercial whelk fishermen over the next 18 months.

Additional project information is available on the Coastal Virginia Offshore Wind project web page (www.coastalvawind.com)
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
3680	Upper Delaware River Channel Lighted Buoy 8	RELOCATED FOR DREDGING	366D5	36/23	40-00-24.986N	075-03-03.131W
3690	Upper Delaware River Channel Lighted Buoy 10	RELOCATED FOR DREDGING	366D5	36/23	40-00-33.713N	075-02-43.937W
3830	Upper Delaware River Channel Lighted Buoy 28	RELOCATED FOR DREDGING	366D5	36/23	40-03-45.245N	074-56-39.240W
3860	Upper Delaware River Channel Lighted Buoy 30	RELOCATED FOR DREDGING	366D5	36/23	40-04-09.533N	074-55-37.761W
3875	Upper Delaware River Channel Lighted Buoy 33	RELOCATED FOR DREDGING	366D5	36/23	40-04-17.998N	074-54-47.552W
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	40-04-38.929N,	074-53-05.935W
3955	Upper Delaware River Channel Lighted Buoy 43	RELOCATED FOR DREDGING	366D5	36/23	40-05-00.068N	074-51-53.381W
9270	Thimble Shoal Channel Lighted Buoy 12	RELOCATED FOR DREDGING	060D5	06/20	36-59-16.700N	076-09-28.240W
9275	Thimble Shoal Lighted Buoy 13	RELOCATED FOR DREDGING	0153D5	13/23	36-59-28.573N	076-11-18.058W
9280	Thimble Shoal Lighted Buoy 14	RELOCATED FOR DREDGING	0153D5	13/23	36-59-46.932N	076-11-12.512W
9285	Thimble Shoal Lighted Buoy 15	RELOCATED FOR DREDGING	0153D5	13/23	36-59-53.664N	076-12-55.553W
9290	Thimble Shoal Lighted Buoy 16	RELOCATED FOR DREDGING	0153D5	13/23	37-00-11.621N	076-12-48.273W
9295	Thimble Shoal Lighted Buoy 17	RELOCATED FOR DREDGING	0153D5	13/23	37-00-18.777N	076-14-33.219W
9300	Thimble Shoal Lighted Buoy 18	RELOCATED FOR DREDGING	0153D5	13/23	37-00-43.188N	076-14-50.850W
20865	Curtis Bay Channel Lighted Buoy 2	RELOCATED FOR DREDGING	0495D5	52/23	39-13-22.657N	076-32-20.180W
29284	Beaufort Inlet Channel Lighted Buoy 7	RELOCATED FOR DREDGING	0470D5	49/23	34-40-34.077n	076-40-14.375W
29288	Beaufort Inlet Channel Lighted Buoy 9	RELOCATED FOR DREDGING	0470D5	49/23	34-40-53.298N	076-40-11.179W
29294	Beaufort Inlet Channel Lighted Buoy 11	RELOCATED FOR DREDGING	0020D5	04/24	34-41-01.977N	076-40-08.880W
29297	Beaufort Inlet Channel Lighted Buoy 12	RELOCATED FOR DREDGING	0467D5	49/23	34-41-07.459N	076-39-58.412W
29310	Beaufort Inlet Channel Lighted Buoy 14	RELOCATED FOR DREDGING	0467D5	49/23	34-41-35.931N	076-40-05.883W
29410	Beaufort Inlet Channel Lighted Buoy 15	RELOCATED FOR DREDGING	0467D5	49/23	34-41-46.553N	076-40-19.616W
29425	Morehead City Channel Lighted Buoy 17	RELOCATED FOR DREDGING	0477D5	49/23	34-41-59.169N	076-40-37.397W
29445	Morehead City Channel Lighted Buoy 21	RELOCATED FOR DREDGING	0074D5	08/24	34-42-39.3N	076-41-41.82W
29450	Morehead City Channel Lighted Buoy 23	RELOCATED FOR DREDGING	0074D5	08/24	34-42-46.2N	076-41-55.5W
30160	Masonboro Inlet Buoy 3	RELOCATED FOR DREDGING	0083D5	08/24	34-10-38.560N	077-48-20.729W
30170	Masonboro Inlet Lighted Buoy 5	RELOCATED FOR DREDGING	0083D5	08/24	34-10-51.762N	077-48-38.479W
30180	Masonboro Inlet Buoy 7	RELOCATED FOR DREDGING	0083D5	08/24	34-11-04.852N	077-48-59.381W
30355	Cape Fear River Entrance Channel Lighted Buoy 9	RELOCATED FOR DREDGING	563D5	47/22	33-51-16.824N	078-01-39.886W
30360	Cape Fear River Entrance Channel Lighted Buoy 10	RELOCATED FOR DREDGING	563D5	47/22	33-51-10.975N	078-01-23.178W
30372	Cape Fear River Entrance Channel Lighted Buoy 12	RELOCATED FOR DREDGING	563D5	47/22	33-51-51.608N	078-01-00.117W

30395	Cape Fear River Channel Lighted Buoy 13A	RELOCATED FOR DREDGING	563D5	47/22	33-52-51.527N	078-00-29.915W
30635	Cape Fear River Channel Lighted Buoy 28	RELOCATED FOR DREDGING	0471NC	43/23	33-59-13.409N	077-56-44.520W
30705	Cape Fear River Channel Lighted Buoy 38	RELOCATED FOR DREDGING/TRLB	0428D5	43/23	34-02-54.532N	077-56-20.127W

******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 \(uscg.gov\)](#). 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	075-25-56.1W	26/23	39-28-09.521N	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

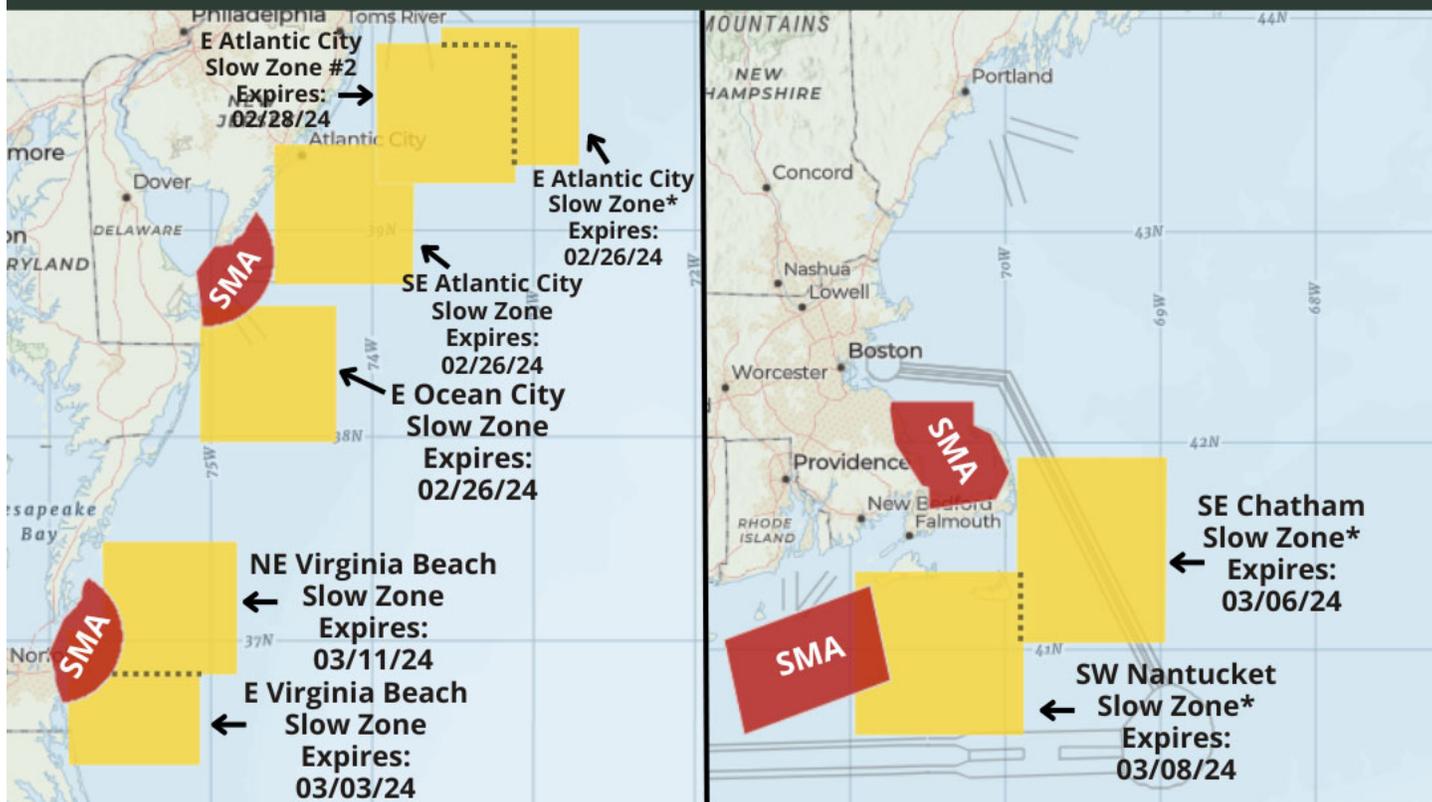
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35/23 - A3-M13757	36-55-45.313N	075-24-59.159W	35/23 - A3-M12353	36-54-54.719N	075-22-18.849W
36/23 – A3-M12633	36-52-49.806N	075-28-21.933W	36/23 – A3-M13649	36-52-08.123N	075-22-10.098W
37/23 – A4-M6345	36-53-03.536N	075-19-02.379W	37/23 – A4-M6328	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	36-58-51.831N	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
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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
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45/23 – A5-M18212	36-50-19.063N	075-14-58.377W	46/23 – A5-M16137	36-50-16.527N	075-22-32.067W
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46/23 – A5-M17635	36-50-20.593N	075-17-48.579W	46/23 – A5-M17878	36-50-22.892N	075-16-48.910W
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47/23 – A5-02382	36-48-53.290N	075-53-29.940W	47/23 – A5-M15209	36-49-17.500N	075-27-02.092W
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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

Enclosure 8



**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