



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 21/22

COASTAL WATERS FROM SHREWSBURY RIVER, NEW JERSEY TO LITTLE RIVER, SOUTH CAROLINA

The Local Notice to Mariners contains all information relevant to the waterways within the Fifth Coast Guard District and is updated each Tuesday on the U.S. Coast Guard Navigation Center website at <https://www.navcen.uscg.gov/>.

If you have questions about the Fifth Coast Guard District Local Notice to Mariners (LNM), please contact:

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

or for correspondence and article requests:
gregory.c.goetz2@uscg.mil, (757) 398-6220 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, 2022 Edition.
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2022 (55th) Edition.
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2021 (53rd) Edition.

NAVIGATION INTERNET SITES

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

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

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

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

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

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

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/Dn - 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

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

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

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

Charts: 12200 12211 12214 13003

LNM: 45/21

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

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

Tower Identification:

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

Lighting:

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

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

Sound Signals:

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

Automated Information System (AIS) Transponder Signals:

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

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

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

Matthew.K.Creelman2@uscg.mil

Charts: 12200 12204 12211 12214 12221 12318

LNM: 36/20

NC - HAZARDS OF NORTH CAROLINA COASTAL INLETS

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

Oregon Inlet	Hatteras Inlet
Ocracoke Inlet	Barden Inlet
Beaufort Inlet	Bogue Inlet
New River Inlet	Topsail Inlet
Masonboro Inlet	Carolina Beach Inlet
Lockwoods Folly Inlet	Shallotte Inlet

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

Mariners are highly encouraged to obtain the most recent U.S. Army Corps of Engineers Wilmington, North Carolina District hydrographic survey information, centerline waypoints and controlling depth at:

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

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

<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/boating/class_finder/index.php

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

Special protections are provided to sunken military craft by the "Sunken Military Craft Act" (SMCA) (Public Law 108-375). Along the U.S. East Coast, and particularly off North Carolina, there are many sunken U.S. and foreign military craft. Sunken military craft may be the final resting places of military personnel who died in service to their country and are also important historical resources. One very notable example is the wreck of the USS MONITOR, off the NC Coast, also protected by the National Marine Sanctuaries Act. Under international and U.S. law, sunken foreign military craft, including those located in U.S. waters, remain the property of their respective country's government. Sovereign immune vessels, such as military crafts, are afforded protections under U.S. and international law. Included among these vessels are at least three known sunken German submarines (U-boats) located in waters off the NC coast. These U-boats remain the property of the Federal Republic of Germany. In accordance with the SMCA, no person shall engage in or attempt to engage in any activity directed at a sunken military craft that disturbs, removes, or injures the sunken craft or the associated contents of the craft. This includes, but is not limited to, the equipment, cargo, contents of the vessel, and the remains and personal effects of the crew and passengers. Mariners are urged to exercise due care when operating in the vicinity of military wrecks, as they can be damaged by both purposeful or inadvertent activities including anchoring, fishing, diving, and other marine activities. Special dangers, such as unexploded ordnance, may also be associated with sunken military craft, and should be considered when operating in these areas. Violations of the SMCA may subject individuals to penalties of up to \$100,000 and to liability for damages. Mariners who witness theft of material from, disturbance of, or damage to a sunken military craft are asked to report it to the nearest Coast Guard unit.

SAFETY NOTICE - NAVIGATIONAL RANGE STRUCTURES ON ELECTRONIC CHARTS

The U.S. Coast Guard has become aware that Coast Guard information used to depict a rangeline on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the rangeline on the ENC. Mariners are cautioned that the position of a rangeline as shown on an ENC may not reflect its true position.

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER

The U.S. Coast Guard Navigational Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information on GPS and DGPS. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar (NANU). These notices can also be obtained via e-mail subscription through the USCG Navigation Center website (<https://www.navcen.uscg.gov/gps/status/default.htm>). In addition, the NIS investigates all reports of degradation or loss of GPS and DGPS service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: 703-313-5900, webmaster@navcen.uscg.mil or <https://www.navcen.uscg.gov>.

CANCELLATION OF NOAA PAPER AND RASTER NAUTICAL CHARTS

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

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

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

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

LNM: 09/21

BROADCAST NOTICES TO MARINERS

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

CCGD5 (D5) - BNM - 235, 236, 239, 244, 245, 249, 252, 253, 254, 255, 256, 257, 259, 260, 261-22.

Sector Delaware Bay (DB) - BNM - 102, 103, 105, 108, 109, 110, 111, 112, 113, 114-22.

Sector Maryland-National Capital Region (MD-NCR) - BNM - 118, 160, 161, 162, 165, 166, 167, 168, 169, 170-22.

Sector Virginia (VA) - BNM - 080, 081, 082, 083, 084, 085, 086, 087, 088, 089-22.

Sector North Carolina (NC) - BNM - 143, 144, 0145, 0147, 0149, 0150, 0153, 0155, 0156, 0157, 0158-22.

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
168	NOAA Lighted Data Buoy 44009 (ODAS)	BUOY DMGD/LT EXT	12214	171DB	35/20	
570	Navy Air Combat Maneuvering Range Tower Light A	LT EXT	12200	413NC	32/16	
585	Navy Air Combat Maneuvering Range Tower Light G	LT EXT	12200	0110NC	27/12	
615	Oregon Inlet Jetty Light	DAYMK MISSING	12204	166NC	19/21	
637	NOAA Lighted Data Buoy 41025 (ODAS)	MISSING	11555	165D5	12/21	
815	NOAA Lighted Data Buoy 41013 (ODAS)	LT EXT	11536	332NC	35/20	
1090	Oyster Creek Channel Buoy 38	ADRIFT	12324	116DB	21/22	
1100	Little Egg Inlet Lighted Buoy 1	LT EXT	12316	143DB	29/21	
1317	Longport Channel Buoy 7	MISSING	12318	053DB	10/22	
1318	Longport Channel Buoy 8	OFF STA	12316	099DB	19/22	
1530	Harbor of Refuge Light	SS INOP	12216	080DB	15/22	
1535	Brown Shoal Light	LT EXT/RAC INOP	12214	102DB	23/21	
1600	Elbow of Cross Ledge Light	LT EXT	12304	090DB	17/22	
1620	Delaware Bay Main Channel Light 32	REDUCED INT	12304	0068DB	13/22	
1675	Cape May Canal West Entrance North Jetty Light 11	STRUCT DEST/REDUCED INT/SS INOP/TRLB	12316	155DB	32/20	
1685	Deadman Shoal Lighted Buoy 1DS	OFF STA	12304	023DB	06/22	
1775	Maurice River Buoy 17	OFF STA	12304	230D5	19/22	
1780	Maurice River Buoy 18	OFF STA	12304	230D5	20/22	
1790	Maurice River Buoy 19	OFF STA	12304	230D5	20/22	
1795	Maurice River Buoy 21	OFF STA	12304	230D5	20/22	
1800	Maurice River Buoy 22	OFF STA	12304	230D5	20/22	

1805	Maurice River Buoy 24	OFF STA	12304	230D5	20/22
1810	Maurice River Buoy 25	OFF STA	12304	235D5	20/22
1825	Maurice River Buoy 26	OFF STA	12304	230D5	20/22
1830	Maurice River Buoy 27	OFF STA	12304	230D5	20/22
1840	Maurice River Buoy 29	OFF STA	12304	230D5	20/22
1850	Maurice River Buoy 30	OFF STA	12304	230DB	20/22
1860	Maurice River Buoy 32	OFF STA	12304	230D5	20/22
2055	Delaware Bay East Icebreaker Light 2	LT EXT	12216	203DB	35/20
2565	Reedy Island Dike Middle Light	MISSING	12311	024DB	46/20
2580	Reedy Island Range Front Light	REDUCED INT	12311	187DB	29/19
2610	Reedy Island Gap South Daybeacon 1	STRUCT DEST	12311	219DB	45/21
2615	Reedy Island Gap North Light 2	STRUCT DEST	12311	069DB	14/22
2735	New Castle Range Rear Light	LT EXT	12311	103DB	20/22
2874	Pea Patch Island Dike Warning Light E	MISSING/TRLB	12311	214DB	39/18
3435	Schuylkill River Reserve Basin Junction Buoy RB	ADRIFT	12313	112DB	21/22
3500	Eagle Point Range Rear Light	LT EXT	12313	047DB	09/22
3500	Eagle Point Range Rear Light	LT EXT	12313	115DB	21/22
3535	Horseshoe Range Rear Light	LT EXT	12313	096DB	18/22
3890	Edgewater Upper Range Front Light	LT EXT	12314	093DB	18/22
5055	Sinepuxent Bay Channel Light 13	DAYMK MISSING	12211	109MD	12/22
5130	Sinepuxent Bay Channel Buoy 33	MISSING	12211	106MD	12/22
5335	Chincoteague Channel Warning Daybeacon A	DAYMK MISSING	12210	NONEVA	20/22
5890	Metompkin Daybeacon 9	DAYMK MISSING	12210	081VA	21/22
6605	Wachapreague Inlet Buoy 1	MISSING	12210	084VA	42/21
6610	Wachapreague Inlet Buoy 2	OFF STA	12210	085VA	21/22
6615	Wachapreague Inlet Buoy 3	OFF STA	12210	086VA	21/22
6795	North Inlet Warning Daybeacon A	STRUCT DEST	12210	072VA	19/22
6810	Great Machipongo Inlet Buoy 3	MISSING	12224	NONEVA	21/21
7275	Chesapeake Channel Lighted Buoy 42	RAC INOP/TEMP AIS MMSI:993672358	12226	246VA	52/21
8325	Swan Point Channel North Range Front Light	LT EXT	12272	130MD	16/22
8395	Brewerton Channel Eastern Extension Range Rear Light	LT EXT	12272	061MD	18/21
8693	Pooles Island Light	LT EXT	12278	110MD	24/21
9070	Elk River Channel West Range Rear Light	REDUCED INT	12277	327MD	43/20
9165	Bohemia River Light 2	DAYMK MISSING/STRUCT DMGD	12274	082MD	01/22
9370	Norfolk Entrance Reach Range Front Warning Light	LT EXT	12245	184VA	35/21
9375	Norfolk Entrance Reach Range Rear Warning Light	LT EXT	12245	185VA	35/21
10655	Naval Boat Channel Light 10	LT EXT	12245	015VA	02/22
10843	Golf 2 Anchorage Lighted Mooring Buoy A	OFF STA	12245	041VA	09/22
10920	Hampton River Channel Daybeacon 10	STRUCT DEST/TRLB	12245	008VA	01/22
11585	James River Channel Light 10	STRUCT DEST/TRLB	12248	012VA	02/22
12795	James River Channel Light 168	STRUCT DEST/TRLB	12252	239VA	51/19
13020	Back River Channel Daybeacon 10	STRUCT DEST/TRLB	12222	013VA	02/22
13145	Poquoson Flats Channel Daybeacon 2PF	STRUCT DEST/TRLB	12222	125VA	25/21
13180	Poquoson River Entrance Daybeacon 8	MSLD SIG	12241	087VA	21/22
13325	Back Creek Light 5	DAYMK MISSING	12241	065VA	17/22

13457	NOAA Lighted Data Buoy YS	OFF STA	12238	211VA	08/19
13496	York River East Range Front Light	STRUCT DEST/TRLB	12241	201VA	40/21
14070	Mobjack Bay Channel Daybeacon 6MB	DAYMK MISSING	12238	040VA	08/22
14450	Horn Harbor Warning Daybeacon A	DAYMK MISSING	12238	053VA	11/21
14655	Stutts Creek Daybeacon 5	DAYMK IMCH	12235	042VA	08/21
14780	Milford Haven Daybeacon 4	STRUCT DMGD/TRUB	12235	068VA	19/22
15605	Hoskins Creek Range Front Light	LT EXT		189VA	37/21
17285	St. Catherine Sound Upper Entrance Warning Daybeacon D	STRUCT DEST/TRLB	12286	258MD	43/21
19615	South River Light 10	LT IMCH/DAYMK MISSING	12270	161MD	19/22
19900	Eastport Harbor Daybeacon 7	STRUCT DMGD	12283	155MD	19/22
20315	Bodkin Point Shoal Light 3	REDUCED INT/STRUCT DMGD/TRLB	12278	128MD	15/22
20375	Rock Creek Channel Entrance Light 2	DAYMK MISSING	12278	144MD	17/22
20515	North Point Creek Light 2	STRUCT DEST/TRLB	12278	272MD	39/20
21366	North Channel Lighted Buoy 2N	SINKING	12222	080VA	20/22
21440	Cape Charles City Range A Front Light	LT EXT	12224	088VA	21/22
21465	Cape Charles City Range B Rear Light	LT IMCH	12224	089VA	21/22
21470	Cape Charles City Light 4	DAYMK MISSING	12224	061VA	14/22
21667	Nassawadox Creek Warning Daybeacon J	STRUCT DEST/TRUB	12226	005VA	02/20
23375	Manokin River Junction Lighted Buoy MR	MISSING/TRLB	12231	074MD	08/22
23800	Webster Cove Channel Daybeacon 3	STRUCT DEST/TRLB	12261	064MD	19/21
23980	Nanticoke River Channel Light 6	STRUCT DMGD	12261	097MD	11/22
24105	Nanticoke River Channel Light 22	STRUCT DEST/TRLB	12261	096MD	11/22
24515	Middle Island Bridge West Channel Wreck Daybeacon WR1W	STRUCT DEST/HAZ NAV/TRUB	12261	123MD	04/18
24601	Tar Bay Warning Daybeacon F	STRUCT DEST	12261	383MD	51/19
25850	Tilghman Island Harbor Daybeacon 4	STRUCT DEST/TRLB	12266	162MD	19/22
26185	St. Michaels Harbor Entrance Light 2SM	LT EXT/STRUCT DMGD/TRLB	12270	135MD	17/22
27215	Gunpowder River Lighted Buoy 10	OFF STA	12274	167MD	21/22
27440	Sassafras River Light 3A	LT EXT	12274	139MD	17/22
27500	Sassafras River Light 10	LT EXT/DAYMK MISSING	12274	141MD	17/22
27505	Sassafras River Daybeacon 12	STRUCT DMGD	12274	142MD	17/22
27545	Aberdeen Proving Ground Channel Buoy 6	MISSING	12274	137MD	17/22
27985	Oregon Inlet Buoy 3	MSLD SIG	12204	NONEVA	21/22
27990	Oregon Inlet Buoy 4	MSLD SIG	12204	NONEVA	21/22
27995	Oregon Inlet Jetty Light	DAYMK MISSING	12204	166NC	19/21
28005	Oregon Inlet Buoy 7	MISSING	12204	147NC	19/22
28050	Oregon Inlet Lighted Buoy 16	OFF STA	12204	156NC	20/22
28131	Oregon Inlet Channel Light 37	STRUCT DEST/TRUB	12204	224NC	28/21
28480	Roanoke Sound Channel Daybeacon 21	DAYMK MISSING	12204	172NC	21/22
28660	Hatteras Inlet Lighted Buoy 6	MISSING	11555	066NC	09/17
28665	Hatteras Inlet Lighted Buoy 7	MISSING	11555	NONENC	37/19
28667	Hatteras Inlet Lighted Buoy 8	MISSING	11555	NONENC	37/19
28722.3	Barney Slough Channel Lighted Buoy 6	TRLB	11555	353NC	45/21
28722.7	Barney Slough Channel Lighted Buoy 10	TRLB	11555	362NC	38/20
28790	Hatteras Inlet Channel Light 25	STRUCT DEST/TRLB	11555	232NC	29/21
28825	Rollinson Channel Light 33	STRUCT DEST/TRLB	11555	292NC	37/21

28865	Rollinson Channel Light 42RC	DAYMK MISSING	11555	161NC	20/22
28900	Ocracoke Inlet Lighted Buoy 1	LT EXT	11550	142NC	18/22
28905	Ocracoke Inlet Lighted Buoy 2	BUOY DMGD/LT EXT	11550	142NC	18/22
28920	Ocracoke Inlet Lighted Buoy 6	MISSING	11550	101NC	12/21
28925	Ocracoke Inlet Buoy 7	MISSING	11550	102NC	12/21
28930	Ocracoke Inlet Lighted Buoy 10	MISSING	11550	103NC	12/21
28964	Teaches Hole Channel Lighted Buoy 27	MISSING	11550	159NC	20/22
29070.2	Big Foot Slough Channel Buoy 10C	OFF STA	11550	121NC	15/22
29070.3	Big Foot Slough Channel Lighted Buoy 11	MISSING	11550	173NC	21/22
29130	Lookout Bight Lighted Buoy 4	LT EXT	11545	399NC	51/21
29130	Lookout Bight Lighted Buoy 4	MSLD SIG	11545	064NC	07/21
29183	Barden Inlet Warning Buoy AA	MISSING	11545	136NC	18/22
29230	Barden Inlet Daybeacon 20	STRUCT DEST/TRUB	11545	051NC	04/22
29384	Harkers Island Staits Light 15	DAYMK MISSING/STRUCT DMGD	11545	NONENC	16/22
29610	Bogue Inlet Lighted Buoy 11	OFF STA	11541	182NC	21/22
29710	New River Inlet Buoy 9	MISSING	11541	166NC	08/22
29735	New River Channel Light 12	STRUCT DEST/TRLB	11541	494NC	31/20
29740	New River Channel Light 13	STRUCT DMGD/TRLB	11541	078NC	11/19
29920	Morgan Bay Warning Daybeacon	DAYMK MISSING	11542	NONENC	21/22
30015	New Topsail Inlet Buoy 6	MISSING	11541	162NC	21/22
30025	New Topsail Inlet Buoy 8	MISSING	11541	NONENC	21/22
30470	Cape Fear River Channel Lighted Buoy 18	SINKING	11534	177NC	21/22
30935	Cape Fear River Channel Lighted Buoy 61	SINKING/TRUB	11537	250NC	31/21
30950	Cape Fear River Turning Basin Light B	STRUCT DEST/TRLB	11537	024NC	16/20
30985	Northeast Cape Fear River Light 4	STRUCT DEST/TRLB	11537	098NC	11/21
30990	Northeast Cape Fear River Light 6	STRUCT DEST/TRLB	11537	097NC	11/21
31015	Lockwoods Folly Inlet Lighted Buoy 2	REDUCED INT	11534	NONENC	10/22
31241.2	Currituck Sound Research Platform C	STRUCT DMGD	12205	019NC	05/18
31360	Durant Island Daybeacon 1D	STRUCT DMGD	12204	390NC	39/21
31632	Albemarle Sound Daybeacon 4AS	DAYMK MISSING	12205	124NC	10/22
31635	Albemarle Sound Light 5AS	DAYMK MISSING	11553	NONENC	38/19
32015	Stumpy Point Harbor Lighted Wreck Buoy WR1SP	LT EXT/TRUB	12204	075NC	08/22
32137	Long Shoal Lighted Wreck Buoy WR2	MISSING	11555	057NC	06/21
32145	Gull Shoal Light GS	STRUCT DEST/TRLB	11548	090NC	40/18
32250	Avon Channel Warning Light AV	STRUCT DEST	11555	NONENC	38/19
32295	Frisco Approach Light 4	MISSING/STRUCT DEST/TRLB	11555	355NC	42/19
32370	Royal Shoal Light 3	DAYMK MISSING	11552	315NC	41/21
32855	Pungo River Junction Light PR	STRUCT DEST/TRLB	11553	133NC	17/22
33478	Cedar Island Ferry Slip Breakwater Buoy 1	OFF STA	11550	174NC	21/22
33517	West Bay Restricted Area Light I	DAYMK MISSING	11544	413NC	39/18
33517.1	West Bay Restricted Area Light J	DAYMK MISSING	11544	413NC	39/18
33623	Rattan Bay Restricted Area Light A	DAYMK MISSING	11541	413NC	39/18
33623.1	Rattan Bay Restricted Area Light B	DAYMK MISSING	11541	413NC	39/18
33623.2	Rattan Bay Restricted Area Light C	DAYMK MISSING	11541	413NC	39/18
33623.4	Rattan Bay Restricted Area Light E	DAYMK MISSING	11541	413NC	39/18
33623.6	Rattan Bay Restricted Area Light G	DAYMK MISSING	11541	413NC	39/18
33623.7	Rattan Bay Restricted Area Light H	DAYMK MISSING	11541	413NC	39/18

34290	Trent River Daybeacon 12	STRUCT DEST/TRUB	11552	164NC	18/21
34315	Trent River Lighted Wreck Buoy 20	OFF STA/HAZ NAV/TRLB	11552	084NC	10/22
34830	Beaufort Harbor Channel Daybeacon 6	STRUCT DEST/TRUB	11547	NONENC	05/22
35085	New Jersey Intracoastal Waterway Buoy 31	MISSING	12324	081DB	16/22
35175	New Jersey Intracoastal Waterway Lighted Buoy 48	MISSING	12324	032DB	07/22
35290	New Jersey Intracoastal Waterway Buoy 75	MISSING	12324	084DB	16/22
35295	New Jersey Intracoastal Waterway Buoy 76	MISSING	12324	033DB	07/22
35390	New Jersey Intracoastal Waterway Buoy 99	MISSING	12316	062DB	11/22
35538	New Jersey Intracoastal Waterway Buoy 130B	OFF STA	12316	059DB	09/22
35631	New Jersey Intracoastal Waterway Buoy 156A	MISSING	12316	098DB	19/22
35765	New Jersey Intracoastal Waterway Daybeacon 187	DAYMK MISSING	12316	111DB	21/22
35845	New Jersey Intracoastal Waterway Daybeacon 213	DAYMK MISSING	12316	110DB	20/22
36025	New Jersey Intracoastal Waterway Daybeacon 268	DAYMK MISSING	12316	088DB	17/22
36175	New Jersey Intracoastal Waterway Daybeacon 313	DAYMK MISSING	12316	105DB	20/22
36350	New Jersey Intracoastal Waterway Daybeacon 363	DAYMK MISSING	12316	113DB	21/22
36425	New Jersey Intracoastal Waterway Daybeacon 384	STRUCT DMGD/TRLB	12316	109DB	20/22
36720	New Jersey Intracoastal Waterway Daybeacon 479	STRUCT DEST/TRUB	12316	082DB	16/21
36790	Cape May Canal West Entrance North Jetty Light 11	STRUCT DEST/REDUCED INT/SS INOP/TRLB	12316	155DB	32/20
37595	Great Bridge to Albemarle Sound Warning Daybeacon	STRUCT DEST/TRLB	12206	294NC	37/21
37820	Great Bridge to Albemarle Sound Light 173	STRUCT DEST/TRLB	11553	061NC	05/22
37835	Alligator River Light 1AR	DAYMK MISSING	11553	137NC	18/22
38140	Pungo River Junction Light PR	STRUCT DEST/TRLB	11553	133NC	17/22
38440	Russell Slough Junction Light RS	STRUCT DEST	11541	138NC	18/22
38625	Morehead City Harbor Channel Daybeacon 8	STRUCT DEST/TRUB	11547	155NC	20/22
39620	New River - Cape Fear River Light 127	STRUCT DEST/TRLB	11541	112NC	13/22
39650	New River - Cape Fear River Daybeacon 135	STRUCT DEST/TRLB	11541	144NC	19/22
39700	New River - Cape Fear River Daybeacon 149	STRUCT DEST/TRUB	11534	128NC	16/22
39745	New River - Cape Fear River Daybeacon 157	STRUCT DEST/TRUB	11534	251NC	31/21
39750	New River - Cape Fear River Daybeacon 159	STRUCT DEST/TRUB	11534	251NC	52/21
39857	New River - Cape Fear River Light 168	STRUCT DEST/TRLB	11534	366NC	42/21
39860	New River - Cape Fear River Daybeacon 170	STRUCT DEST	11534	139NC	18/22
39865	New River - Cape Fear River Daybeacon 172	STRUCT DEST/TRLB	11534	385NC	49/21
40055	Cape Fear River - Little River Daybeacon 5	STRUCT DEST/TRLB	11534	161NC	19/20
40060	Cape Fear River - Little River Light 7	STRUCT DEST/TRLB	11534	477NC	51/20
40065	Cape Fear River - Little River Daybeacon 8	STRUCT DEST/TRLB	11534	169NC	20/20
40110	Cape Fear River - Little River Daybeacon 28	STRUCT DEST/TRUB	11534	406NC	01/22
40130	Cape Fear River - Little River Daybeacon 36	STRUCT DEST/TRUB	11534	276NC	34/21
40285	Cape Fear River - Little River Daybeacon 63	STRUCT DEST/TRUB	11534	235NC	27/20

40305	Cape Fear River - Little River Daybeacon 71	STRUCT DEST/TRUB	11534	306NC	27/20
40315	Cape Fear River - Little River Daybeacon 73	STRUCT DEST/TRUB	11534	178NC	20/21
40325	Cape Fear River - Little River Light 77	STRUCT DEST/TRLB	11534	307NC	32/20
40330	Cape Fear River - Little River Light 78	STRUCT DEST/TRLB	11534	214NC	24/20
40335	Cape Fear River - Little River Daybeacon 80	STRUCT DEST/TRUB	11534	485NC	49/19
40360	Cape Fear River - Little River Light 85	STRUCT DEST/TRLB	11534	378NC	40/20
40385	Cape Fear River - Little River Light 93	STRUCT DEST/TRLB	11534	480NC	51/19
40395	Cape Fear River - Little River Daybeacon 97	STRUCT DEST/TRUB	11534	334NC	32/20
40455	Cape Fear River - Little River Light 117	STRUCT DEST/TRLB	11534	407NC	42/20
40460	Cape Fear River - Little River Light 119	STRUCT DEST/TRLB	11534	277NC	34/21
	New Jersey Intracoastal Waterway Daybeacon 222 (WRECKAGE)	STRUCT DEST/HAZ NAV/TRLB	12316	163DB	32/21

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
670	Cape Lookout Light	WATCHING PROPERLY	11545	164NC	21/22	21/22
1407	Townsend's Inlet Lighted Buoy 3	RESET ON STATION	12316	102DB	19/22	21/22
1865	Maurice River Warning Buoy	RESET ON STATION	12304	104DB	20/22	21/22
1875	Maurice River Buoy 34	RESET ON STATION	12304	104DB	20/22	21/22
1877	Maurice River Buoy 34A	RESET ON STATION	12304	104DB	20/22	21/22
1880	Maurice River Buoy 35	RESET ON STATION	12304	104DB	20/22	21/22
1885	Maurice River Buoy 36	RESET ON STATION	12304	104DB	20/22	21/22
1887	Maurice River Buoy 36A	RESET ON STATION	12304	104DB	20/22	21/22
1890	Maurice River Buoy 38	RESET ON STATION	12304	104DB	20/22	21/22
1893	Maurice River Buoy 38A	RESET ON STATION	12304	104DB	20/22	21/22
1895	Maurice River Buoy 39	RESET ON STATION	12304	104DB	20/22	21/22
1900	Maurice River Buoy 40	RESET ON STATION	12304	104DB	20/22	21/22
1905	Maurice River Buoy 41	RESET ON STATION	12304	104DB	20/22	21/22
1910	Maurice River Buoy 43	RESET ON STATION	12304	104DB	20/22	21/22
1920	Maurice River Buoy 42	RESET ON STATION	12304	104DB	20/22	21/22
1925	Maurice River Buoy 44	RESET ON STATION	12304	104DB	20/22	21/22
1930	Maurice River Buoy 45	WATCHING PROPERLY	12304	104DB	20/22	21/22
1931	Maurice River Buoy 45A	WATCHING PROPERLY	12304	104DB	20/22	21/22
1935	Maurice River Buoy 46	RESET ON STATION	12304	104DB	20/22	21/22
1940	Maurice River Buoy 48	RESET ON STATION	12304	104DB	20/22	21/22
1943	Maurice River Buoy 50	WATCHING PROPERLY	12304	104DB	19/22	21/22
3825	Enterprise Lower Range Rear Light	WATCHING PROPERLY	12314	181DB	36/21	21/22
6843	Great Machipongo Inlet Daybeacon 9	WATCHING PROPERLY	12224	071VA	19/22	21/22
6920	Great Machipongo Channel Buoy 8	RESET ON STATION	12210	070VA	19/22	21/22
8390	Brewerton Channel Eastern Extension Range Front Light	RELIGHTED	12272	169MD	21/22	21/22
10130	Lynnhaven Inlet Light 1L	RELIGHTED	12254	079VA	20/22	21/22
10360	Long Creek East Channel Buoy 7	RELIGHTED	12254	077VA	20/22	21/22
10500	Little Creek Harbor Range Rear Light	RELIGHTED	12255	083VA	21/22	21/22
10850	Newport News Lighted Buoy 5	RELIGHTED	12245	076VA	20/22	21/22
19775	Annapolis Harbor Channel Buoy 13	RESET ON STATION	12283	166MD	20/22	21/22
25310	Choptank River Daybeacon 79	WATCHING PROPERLY	12268	163MD	19/22	21/22
29845	Stones Bay Warning Daybeacon A	WATCHING PROPERLY	11542	NONENC	21/22	21/22
29865	Grey Point Warning Daybeacon	WATCHING PROPERLY	11542	009NC	21/22	21/22

30036	Old Topsail Creek Buoy 6	WATCHING PROPERLY	11541	163NC	21/22	21/22
30048	Banks Slough Channel Buoy 2BS	RESET ON STATION	11541	NONENC	46/21	21/22
30048.02	Banks Slough Channel Buoy 3	RESET ON STATION	11541	380NC	49/21	21/22
30775	Big Island Lower South Range Front Light	RELIGHTED	11537	109NC	13/22	21/22
34802	Taylor Creek Junction Daybeacon TC	WATCHING PROPERLY	11547	176NC	21/22	21/22
35445	New Jersey Intracoastal Waterway Buoy 112	WATCHING PROPERLY	12316	085DB	16/22	21/22
35470	New Jersey Intracoastal Waterway Buoy 117	WATCHING PROPERLY	12316	070DB	14/22	21/22
36340	New Jersey Intracoastal Waterway Daybeacon 361	WATCHING PROPERLY	12316	097DB	19/22	21/22
36630	New Jersey Intracoastal Waterway Buoy 450	RESET ON STATION	12316	108DB	20/22	21/22
36670	New Jersey Intracoastal Waterway Lighted Buoy 463	RESET ON STATION	12316	100DB	19/22	21/22

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
192	DE Wave Lighted Buoy A	MISSING	12214	NONEDB	18/21	
627	Cape Hatteras Lighted Wave Buoy CDIP 250	OFF STA	11555	404NC	52/21	
958	Barnegat Light	LT EXT	12324	247DB	01/22	
1350	Ship Channel Buoy 6	OFF STA	12316	091DB	18/22	
1355	Ship Channel Buoy 7	ADRIFT	12316	168DB	34/20	
2973	Dupont Chambers Diffuser Warning Lighted Buoy A	MISSING	12311	122DB	27/21	
3340	Mantua Creek Outfall Pipeline Light	LT EXT	12313	176DB	35/21	
7915	Sandy Point State Park Daybeacon 3	MSLD SIG	12282	204MD	33/20	
7925	Sandy Point State Park Buoy 5	MSLD SIG/BUOY DMGD	12282	205MD	33/20	
7940	Sandy Point State Park Danger Marker C	DAYMK MISSING	12282	208MD	33/20	
7957.7	Sandy Point State Park North Beach Buoy 7	MISSING	12270	206MD	33/20	
7957.8	Sandy Point State Park North Beach Buoy 8	MISSING	12270	207MD	33/20	
9310	Thimble Shoal Light	LT EXT	12245	172VA	33/21	
9800	Portsmouth Marine Terminal Range Front Light	LT EXT	12253	217VA	43/21	
9805	Portsmouth Marine Terminal Range Rear Light	LT EXT	12253	217VA	43/21	
10125	Lynnhaven Roads Fishing Pier Lights (2)	MISSING	12254	319HR	31/13	
10156	Crab Creek Entrance Buoy 2CC	ADRIFT	12254	259VA	50/20	
10157	Crab Creek Wreck Buoy WR3A	OFF STA	12254	182VA	35/20	
10157.05	Crab Creek Buoy 7	MISSING	12254	086VA	21/21	
10157.06	Crab Creek Buoy 8	MISSING	12254	086VA	21/21	
10190	Lynnhaven River Western Branch Daybeacon 3	DAYMK MISSING	12254	103VA	24/20	
10195	Lynnhaven River Western Branch Daybeacon 4	DAYMK MISSING	12254	104VA	24/20	
10200	Lynnhaven River Western Branch Daybeacon 5	DAYMK MISSING	12254	NONEVA	37/21	
10205	Lynnhaven River Western Branch Daybeacon 6	MSLD SIG	12254	105VA	24/20	
10220	Lynnhaven River Western Branch Buoy 9	DAYMK DMGD	12254	NONEVA	37/21	
10225	Lynnhaven River Western Branch Buoy 10	OFF STA	12254	362HR	47/17	
10245	Lynnhaven River Western Branch Daybeacon 14	STRUCT DEST	12254	106VA	24/20	

10260	Lynnhaven River Western Branch Daybeacon 17	DAYMK MISSING	12254	NONEVA	37/21
10305	Lynnhaven River Western Branch Daybeacon 26	MISSING	12222	317HR	43/19
10310	Lynnhaven River Western Branch Daybeacon 27	STRUCT DMGD	12222	096HR	15/17
10315	Lynnhaven River Western Branch Daybeacon 28	STRUCT DMGD	12222	097HR	15/17
10331.25	Lynnhaven River Western Branch Daybeacon 58	DAYMK MISSING	12222	NONEVA	37/21
10332	Lynnhaven River Eastern Branch Buoy 1EB	MISSING	12254	057VA	13/22
10332.01	Lynnhaven River Eastern Branch Buoy 2EB	MISSING	12254	113VA	24/21
10332.03	Lynnhaven River Eastern Branch Buoy 2A	MISSING	12254	057VA	13/22
10332.1	Lynnhaven River Eastern Branch Buoy 3	MISSING	12222	053HR	11/19
10332.3	Lynnhaven River Eastern Branch Daybeacon 5	STRUCT DEST	12222	115VA	24/21
10333	Lynnhaven River Eastern Branch Daybeacon 14	STRUCT DEST	12222	108VA	24/20
10333.12	Lynnhaven River Eastern Branch Gills Cove Daybeacon 4	DAYMK MISSING	12222	NONE VA	37/21
10333.13	Lynnhaven River Eastern Branch Gills Cove Daybeacon 6	DAYMK MISSING	12222	NONEVA	37/21
10333.2	Lynnhaven River Eastern Branch Daybeacon 17	DAYMK MISSING	12222	NONEVA	37/21
10334.6	Lynnhaven River Eastern Branch Daybeacon 37	DAYMK MISSING	12222	NONEVA	37/21
10334.7	Lynnhaven River Eastern Branch Daybeacon 38	DAYMK MISSING	12222	NONEVA	37/21
10334.8	Lynnhaven River Eastern Branch Daybeacon 40	DAYMK MISSING	12222	NONEVA	37/21
10334.9	Lynnhaven River Eastern Branch Daybeacon 42	DAYMK MISSING	12222	NONEVA	37/21
10762.02	Lafayette River Northern Branch Daybeacon 2	DAYMK MISSING	12245	179HR	26/19
10762.03	Lafayette River Northern Branch Daybeacon 3	DAYMK MISSING	12245	251HR	26/14
10762.04	Lafayette River Northern Branch Daybeacon 4	DAYMK MISSING	12245	180HR	33/17
10762.05	Lafayette River Northern Branch Daybeacon 5	DAYMK MISSING	12245	181HR	33/17
10762.08	Lafayette River Northern Branch Daybeacon 8	DAYMK IMCH	12245	270HR	37/19
12055	Virginia Power Groin Light A	LT EXT	12253	021VA	03/20
12060	Virginia Power Groin Light B	LT EXT	12253	008VA	03/20
12143.7	Barrets Point Daybeacon 3	DAYMK IMCH	12251	NONEVA	35/20
12143.75	Barrets Point Daybeacon 4	DAYMK IMCH	12251	NONEVA	48/20
12143.85	Barrets Point Light 5	DAYMK IMCH	12251	NONEVA	48/20
12143.9	Barrets Point Light 6	DAYMK IMCH	12251	NONEVA	48/20
12645	James River Bermuda 100 Light A	LT EXT	12252	369HR	28/18
12692	James River Lighted Data Buoy A	OFF STA	12252	135HR	07/16
12692.1	James River Lighted Data Buoy B	OFF STA	12252	137HR	07/16
12855	Salt Ponds Daybeacon 3	DAYMK MISSING	12222	NONEVA	14/21
12860	Salt Ponds Daybeacon 4	DAYMK MISSING	12222	057VA	12/21
12949	Back River South Channel Daybeacon 1	STRUCT DEST	12222	215VA	42/20
12957	Back River South Channel Junction Daybeacon B	STRUCT DEST	12238	315HR	22/18
12962	Back River South Channel Junction Daybeacon WC	STRUCT DEST	12222	075VA	20/22
13070	Harris River Approach Daybeacon 8	DAYMK MISSING	12238	089HR	14/17
13960	Croaker Landing Daybeacon 1	STRUCT DEST	12243	232HR	11/18

13965	Croaker Landing Daybeacon 2	STRUCT DEST	12243	233HR	11/18
14405	Green Mansion Cove Daybeacon 2	DAYMK IMCH	12238	285HR	38/17
15003	Broad Creek Southern Branch Daybeacon 2S	DAYMK MISSING	12235	100VA	23/20
15005	Broad Creek Northern Branch Daybeacon 1N	MISSING	12235	107HR	20/19
15010	Broad Creek Northern Branch Daybeacon 2	MISSING	12235	108HR	20/19
15015	Broad Creek Northern Branch Daybeacon 4	MISSING	12235	109HR	20/19
15025	Broad Creek Northern Branch Daybeacon 7	DAYMK DMGD	12235	241HR	29/17
15035	Broad Creek Northern Branch Daybeacon 9	DAYMK MISSING	12235	242HR	29/17
16565	Lake Conoy Warning Daybeacon C	STRUCT DEST	12233	088MD	23/20
16612	Coan River Marina Buoy 1	MISSING	12233	081MD	21/21
16912	Maryland Historical Trust Mooring Buoy	MISSING	12233	106MD	23/21
16972	Glebe Creek Daybeacon 3	DAYMK MISSING	12286	169MD	30/21
16972.5	Glebe Creek Daybeacon 4	DAYMK MISSING	12286	149MD	30/20
17495	Harbor View Daybeacon 6	DAYMK MISSING	12286	NONEMD	30/21
17840	Nanjemoy Creek Buoy 4	BUOY DMGD	12288	171MD	30/21
17845	Nanjemoy Creek Buoy 5	OFF STA	12288	001MD	02/21
17850	Nanjemoy Creek Buoy 6	OFF STA	12288	180MD	31/21
17860	Nanjemoy Creek Buoy 9	OFF STA	12288	181MD	31/21
18012	Aquia Creek Daybeacon 13	DAYMK DMGD/STRUCT DMGD	12288	184MD	33/20
18012.3	Aquia Creek Daybeacon 16	DAYMK MISSING	12288	186MD	33/20
18012.6	Aquia Creek Daybeacon 18A	STRUCT DEST/TRUB	12288	183MD	24/19
18013.8	Aquia Creek Daybeacon 29	MISSING/STRUCT DEST	12288	182MD	33/20
18251.1	Neabsco Creek Channel Lighted Buoy 2	LT EXT	12289	098MD	24/20
18530	Piscataway Creek Daybeacon 7	DAYMK MISSING	12289	082MD	21/21
18535	Piscataway Creek Daybeacon 8	DAYMK MISSING	12289	083MD	21/21
18540	Piscataway Creek Warning Daybeacon A	STRUCT DEST	12289	084MD	21/21
18545	Piscataway Creek Warning Daybeacon B	STRUCT DEST	12289	085MD	21/21
18601.01	National Harbor Channel Light 3	LT EXT/STRUCT DMGD	12289	100MD	01/21
18601.06	National Harbor Channel Light 8	LT EXT	12289	186MD	32/21
18657	Mirant Potomac River LLC Light A	LT EXT	12289	236MD	40/21
18659	Mirant Potomac River LLC Light B	LT EXT	12289	237MD	40/21
18965	Mill Creek (Patuxent River) Daybeacon 7	STRUCT DEST/TRLB	12284	130MD	27/21
18980	Mill Creek (Patuxent River) Buoy 11	MISSING	12284	086MD	15/21
19045	Lewis Creek Buoy 2	OFF STA	12284	341MD	44/20
19223	Battle Creek Channel Daybeacon 4	OFF STA/STRUCT DEST/HAZ NAV/TRLB	12264	214MD	30/21
19270	Chalk Point Cable Crossing Tower Light A	LT EXT	12264	212MD	36/21
19275	Chalk Point Cable Crossing Tower Light B	LT EXT	12264	211MD	36/21
19279	Chalk Point Tower Light C	LT EXT	12264	213MD	36/21
19350	South Herrington Harbour Range Rear Light	REDUCED INT	12266	144MD	28/21
19355	South Herrington Harbour Entrance Light 1	REDUCED INT	12266	144MD	28/21
19430	Herrington Harbour North Light 1	LT EXT	12266	146MD	28/21
19435	Herrington Harbour North Light 2	LT EXT	12266	147MD	28/21
19845	Chesapeake Harbor Buoy 3	MSLD SIG	12282	NONEMD	33/20

19850	Chesapeake Harbor Buoy 4	MISSING	12282	136MD	29/20
19855	Chesapeake Harbor Buoy 5	MISSING	12282	137MD	29/20
19860	Chesapeake Harbor Buoy 6	MSLD SIG	12282	NONEMD	33/20
19865	Chesapeake Harbor Buoy 7	MISSING	12282	138MD	29/20
19870	Chesapeake Harbor Jetty Light 8	LT IMCH	12282	219MD	30/19
19875	Chesapeake Harbor Jetty Light 9	LT IMCH/DAYMK MISSING	12282	221MD	30/19
19920	Spa Creek Anchorage Buoy A	MISSING	12283	139MD	29/20
19925	Spa Creek Anchorage Buoy B	MISSING	12283	140MD	29/20
19930	Spa Creek Anchorage Buoy C	MISSING	12283	141MD	29/20
20067	Sharps Point Light	LT EXT	12283	179MD	31/21
20141	Grays Creek Buoy 1	OFF STA	12282	201MD	34/21
20150	Grays Creek Daybeacon 3	STRUCT DEST	12282	321MD	41/19
20430	Pennwood Channel Range Front Light	LT EXT	12278	178MD	16/20
20580	Sparrows Point Ore Pier Lights (2)	REDUCED INT	12278	183MD	31/21
20600	Sparrows Point Bulkhead Light A	LT EXT	12281	176MD	31/21
20605	Sparrows Point Bulkhead Light B	LT EXT	12281	177MD	31/21
20630	Sparrows Point Drydock Light P4	LT EXT	12278	175MD	31/21
20980	CSX Coal Pier Dolphin Light B	LT EXT	12281	168MD	21/22
20990	CSX Ore Pier Obstruction Light D	LT EXT	12278	173MD	27/18
20995	CSX Ore Pier Obstruction Light E	LT EXT	12278	174MD	31/21
21535	Kings Creek Channel Daybeacon 3	DAYMK MISSING	12224	194VA	38/21
21550	Kings Creek Channel Daybeacon 8	LT EXT	12224	032VA	07/22
22865	Jenkins Creek Daybeacon 3	STRUCT DEST	12231	023MD	04/19
22880	Jenkins Creek Daybeacon 7	STRUCT DEST/TRUB	12231	130MD	20/17
24562	Wallace Creek Daybeacon 4	STRUCT DEST	12261	078MD	20/20
25070	Choptank Fishing Pier Warning Daybeacon C	DAYMK MISSING	12268	224MD	34/20
25735	Solitude Creek Daybeacon 1	LT IMCH	12266	092MD	10/22
25780	Upper Edge Creek Daybeacon 11	DAYMK MISSING	12266	152MD	30/20
26135	Wye River Daybeacon 5	STRUCT DEST/TRUB	12270	124MD	14/22
26517	Panhandle Point Lighted Data Buoy A	MISSING	12270	268MD	38/20
26525	Castle Harbor Marina Channel Light 1	DAYMK IMCH	12272	191MD	33/20
26535	Castle Harbor Marina Channel Daybeacon 3	DAYMK IMCH	12272	192MD	33/20
26540	Castle Harbor Marina Channel Daybeacon 4	STRUCT DEST/MSLD SIG/TRLB	12272	193MD	33/20
26545	Castle Harbor Marina Channel Daybeacon 5	STRUCT DEST/MSLD SIG/DAYMK IMCH/TRUB	12272	194MD	33/20
26550	Castle Harbor Marina Channel Daybeacon 6	STRUCT DEST/MSLD SIG/TRUB	12272	195MD	33/20
26555	Castle Harbor Marina Channel Daybeacon 7	DAYMK IMCH/TRUB	12272	196MD	33/20
26560	Castle Harbor Marina Channel Daybeacon 8	STRUCT DEST/MSLD SIG/TRUB	12272	197MD	33/20
26667	Grays Inn Creek Lighted Data Buoy B	MISSING	12272	278MD	39/20
26700	Davis Creek Entrance Daybeacon 2	STRUCT DMGD/TRUB	12272	267MD	44/17
26757	Jarrett Creek Lighted Data Buoy D	MISSING	12272	258MD	38/20
26830	Chester River Channel Buoy 43	ADRIFT	12272	225MD	38/21
26847	Foremans Branch Lighted Data Buoy F	MISSING	12272	251MD	38/20
27065	Longs Creek Daybeacon 1	STRUCT DEST	12278	334MD	44/20
27075	Longs Creek Daybeacon 4	DAYMK IMCH	12278	336MD	44/20
27115	Glenmar Lighted Race Buoy S	MISSING	12278	046MD	06/22
27255	Upper Gunpowder River Buoy 7	MISSING	12274	159MD	31/20

27275	Upper Gunpowder River Buoy 11	DAYMK IMCH	12274	321MD	31/20
27896	Elk River - Welch Point Buoy 2	OFF STA	12277	077MD	08/22
30905	Wilmington Marine Center Daybeacon 6	DAYMK DMGD	11537	NONENC	05/16
30910	Wilmington Marine Center Daybeacon 7	DAYMK DMGD	11537	NONENC	05/16
31090	Shallotte Inlet Buoy 3	MISSING	11534	259NC	29/19
31350	Colington Harbor Entrance Daybeacon 3	STRUCT DEST	12205	NONENC	30/17
31416	Whitehall Shores Channel Light 1	LT EXT	12206	264NC	32/21
31416.5	Whitehall Shores Channel Daybeacon 2	DAYMK MISSING	12206	585NC	47/17
31419.6	Whitehall Shores West Channel Daybeacon 1	DAYMK MISSING	12206	584NC	47/17
33260	Texasgulf Entrance Daybeacon 1	STRUCT DMGD	11554	424NC	46/19
33265	Texasgulf Entrance Daybeacon 2	STRUCT DMGD	11554	425NC	46/19
33427.5	Swan Point Warning Daybeacon B	DAYMK MISSING	11552	177NC	12/15
33428	Swan Point Warning Light C	DAYMK MISSING	11552	178NC	12/15
33428.5	Swan Point Warning Daybeacon D	DAYMK MISSING	11552	179NC	12/15
39150	Cow Creek Channel Daybeacon 9	DAYMK MISSING/STRUCT DMGD	11541		16/22
39463	Sears Landing Channel Daybeacon 1	MISSING	11541	268NC	30/19
39621.4	Bradley Creek Daybeacon 4	DAYMK MISSING	11541	391NC	32/17
39621.9	Bradley Creek Light 9	LT IMCH	11541	414NC	34/17
39623.3	Bradley Creek Light 14	DAYMK IMCH	11541	487NC	40/17
39847.4	Carolina Beach State Park Daybeacon 5	DAYMK MISSING	11537	289NC	33/19
	Barretts Point Lighted Buoy 2	OFF STA	12251	NONEVA	31/20
	Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
	Broad Creek Daybeacon 17 Eastern Branch Elizabeth R	STRUCT DEST	12253	377HR	50/17
	Coopers Creek Daybeacon 1 / DNR1250	STRUCT DEST	12285	056MD	18/20
	Deep Water Point Light 2	LT EXT	12316	331DB	47/19
	Elizabeth River Eastern BR Water Main South Lt	STRUCT DMGD	12253	125VA	27/20
	Franklin Street Boat Ramp Light 2	LT EXT	12266	353MD	45/19
	Gardner Creek Daybeacon 2	STRUCT DEST	12286	081MD	21/20
	Gosnold Hope Channel Daybeacon 2	STRUCT DEST	12222	NONEHR	07/18
	Gosnold Hope Channel Daybeacon 6	STRUCT DEST	12222	242HR	12/18
	Great Marsh Boat Ramp Light 1	LT EXT	12266	352MD	45/19
	Hambleton Cove Daybeacon 1	DAYMK MISSING	12270	NONEMD	43/20
	Hambleton Cove Daybeacon 3	DAYMK MISSING	12270	302MD	41/20
	Hambleton Cove Daybeacon 5	DAYMK MISSING	12270	302MD	41/20
	Hungerford Creek Buoy 1	MISSING	12264	NONEMD	23/21
	Island Creek Buoy 10	MISSING	12272	255MD	38/20
	Island Creek Buoy 12	MISSING	12272	256MD	38/20
	Island Creek Buoy 14	MISSING	12272	257MD	38/20
	Royal Beach Association Buoy	MISSING	12282	065MD	18/20
	Taylor Crk Dbn 3	STRUCT DEST/HAZ NAV	12226	204HR	09/18
	Waterview Seafood Warning Daybeacon A	DAYMK MISSING	12221	300HR	39/17

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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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	12216	219D5	16/21	
2315	Murderkill River Buoy 2	DISCONTINUED	12304	217D5	16/21	
2320	Murderkill River Buoy 3	DISCONTINUED	12304	217D5	16/21	
2330	Murderkill River Buoy 4	DISCONTINUED	12304	217D5	16/21	
2335	Murderkill River Buoy 5	DISCONTINUED	12304	217D5	16/21	
2337	Murderkill River Buoy 6	DISCONTINUED	12304	217D5	16/21	
3180	Marcus Hook Anchorage Buoy B	DISCONTINUED FOR DREDGING	12312	496D5	38/21	
9205	Thimble Shoal Channel Lighted Bell Buoy 1TS	RELOCATED FOR DREDGING	12222	138D5	11/22	
9210	Thimble Shoal Channel Lighted Buoy 2	RELOCATED FOR DREDGING	12254	138D5	11/22	
9215	Thimble Shoal Channel Lighted Buoy 3	RELOCATED FOR DREDGING	12222	138D5	11/22	
9220	Thimble Shoal Channel Lighted Buoy 4	RELOCATED FOR DREDGING	12254	138D5	11/22	
9225	Thimble Shoal Channel Lighted Buoy 5	RELOCATED FOR DREDGING	12245	138D5	11/22	
9230	Thimble Shoal Channel Lighted Buoy 6	RELOCATED FOR DREDGING	12254	138D5	11/22	
9235	Thimble Shoal Channel Lighted Buoy 7	RELOCATED FOR DREDGING	12254	143D5	11/22	
9240	Thimble Shoal Channel Lighted Gong Buoy 8	RELOCATED FOR DREDGING	12254	143D5	11/22	
9255	Thimble Shoal Channel Lighted Bell Buoy 9	RELOCATED FOR DREDGING	12254	004D5	06/20	
9260	Thimble Shoal Channel Lighted Buoy 10	RELOCATED FOR DREDGING	12254	004D5	06/20	
9265	Thimble Shoal Channel Lighted Buoy 11	RELOCATED FOR DREDGING	12254	060D5	06/20	
9270	Thimble Shoal Channel Lighted Buoy 12	RELOCATED FOR DREDGING	12254	060D5	06/20	
9520	Elizabeth River Channel Lighted Buoy 10	RELOCATED FOR DREDGING	12245	518D5	49/19	
9525	Elizabeth River Channel Lighted Buoy 11	RELOCATED FOR DREDGING	12245	518D5	49/19	
9535	Elizabeth River Channel Lighted Buoy 13	RELOCATED FOR DREDGING	12245	518D5	49/19	
9540	Elizabeth River Channel Lighted Buoy 14	RELOCATED FOR DREDGING	12245	518D5	49/19	
9545	Elizabeth River Channel Lighted Buoy 15	RELOCATED FOR DREDGING	12245	518D5	49/19	
9595	Elizabeth River Channel Lighted Buoy 17	RELOCATED FOR DREDGING	12245	518D5	49/19	
9600	Elizabeth River Channel Lighted Buoy 18	RELOCATED FOR DREDGING	12245	518D5	49/19	
9605	Elizabeth River Channel Lighted Buoy 19	RELOCATED FOR DREDGING	12245	518D5	49/19	
9625	Elizabeth River Channel Lighted Buoy 21	RELOCATED FOR DREDGING	12245	518D5	49/19	
28055	Oregon Inlet Buoy 17	DISCONTINUED	12204	258D5	21/22	
28735.6	Hatteras Inlet Channel Lighted Buoy 14	DISCONTINUED	11555	200D5	17/22	
28765	Hatteras Inlet Channel Lighted Buoy 19	DISCONTINUED FOR DREDGING	11555	260D5	21/22	

29745	New River Channel Daybeacon 15	TRUB	11541	386D5	28/21
30340	Cape Fear River Entrance Channel Lighted Buoy 6	RELOCATED FOR DREDGING	11537	187D5	15/22
30345	Cape Fear River Entrance Channel Lighted Buoy 7	RELOCATED FOR DREDGING	11537	185D5	15/22
30350	Cape Fear River Entrance Channel Lighted Buoy 8	RELOCATED FOR DREDGING	11534	185D5	15/22
30355	Cape Fear River Entrance Channel Lighted Buoy 9	RELOCATED FOR DREDGING	11534	185D5	15/22
30360	Cape Fear River Entrance Channel Lighted Buoy 10	RELOCATED FOR DREDGING	11534	185D5	15/22
38885	Bogue Sound Warning Daybeacon A	DISCONTINUED	11541	638D5	46/20

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9555	Norfolk International Terminal South Channel Buoy 2S	Reestablished	12245	249D5	43/20	21/22
9555	Norfolk International Terminal South Channel Buoy 2S	Returned to Assigned Position	12245	249D5	43/20	21/22
9560	Norfolk International Terminal South Channel Lighted Buoy 4S	Reestablished	12245	249D5	43/20	21/22
9560	Norfolk International Terminal South Channel Lighted Buoy 4S	Returned to Assigned Position	12245	249D5	43/20	21/22
28736	Hatteras Inlet Channel Buoy 15	Reestablished	11555	261D5	20/22	21/22

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

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

11541	42nd Ed.	01-FEB-19	Last LNM: 47/21	NAD 83		21/22
Chart Title: Intracoastal Waterway Neuse River to Myrtle Grove Sound						
CHART NC-AIWW - NEUSE RIVER TO MYRTLE GROVE SOUND. Page/Side: N/A						
RELOCATE	Banks Slough Channel Buoy 2BS				CGD05 from 34-20-41.486N to 34-20-35.904N	077-39-51.173W 077-39-52.975W

RELOCATE	Banks Slough Channel Buoy 3	CGD05 from 34-20-48.163N to 34-20-41.069N	077-39-47.476W 077-39-49.291W
RELOCATE	Banks Slough Channel Buoy 4	CGD05 from 34-20-45.869N to 34-20-44.510N	077-39-44.527W 077-39-42.692W
RELOCATE	Banks Slough Channel Buoy 5	CGD05 from 34-20-52.585N to 34-20-50.323N	077-39-40.272W 077-39-40.917W

11548 **43rd Ed.** **01-FEB-20** **Last LNM: 46/17** **NAD 83** **21/22**

ChartTitle: Pamlico Sound Western Part

Main Panel 512 PAMLICO SOUND WESTERN PART NORTH CAROLINA - -. Page/Side: -

NOS

LAST EDITION No new editions of chart 11548 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>. --

11550 **33rd Ed.** **01-OCT-19** **Last LNM: 46/17** **NAD 83** **21/22**

ChartTitle: Ocracoke Inlet and Part of Core Sound

Main Panel 514 OCRACOKE INLET & PART OF CORE SOUND - -. Page/Side: -

NOS

LAST EDITION No new editions of chart 11550 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>. --

11552 **22nd Ed.** **01-FEB-18** **Last LNM: 47/17** **NAD 83** **21/22**

ChartTitle: Neuse River and Upper Part of Bay River

Main Panel 515 NEUSE RIVER AND UPPER PART OF BAY RIVER - -. Page/Side: -

NOS

LAST EDITION No new editions of chart 11552 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster 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>. --

11554 **17th Ed.** **01-JAN-12** **Last LNM: 41/17** **NAD 83** **21/22**

ChartTitle: Pamlico River

Main Panel 524 PAMLICO RIVER. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 11554 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>. --

11555 **43rd Ed.** **01-SEP-18** **Last LNM: 18/19** **NAD 83** **21/22**

ChartTitle: Cape Hatteras-Wimble Shoals to Ocracoke Inlet

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

NOS

ADD Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22. --

LAST EDITION No new editions of chart 11555 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>. --

12204 **39th Ed.** **01-JUN-18** **Last LNM: 47/21** **NAD 83** **21/22**

ChartTitle: Currituck Beach Light to Wimble Shoals

Main Panel 527 CURRITUCK BEACH LT TO WIMBLE SHOALS - -. Page/Side: -

DELETE	Oregon Inlet Channel Buoy 21A	CGD05 35-46-35.270N	075-32-39.107W
RELOCATE	Oregon Inlet Channel Buoy 21	CGD05 from 35-46-26.568N to 35-46-38.928N	075-32-29.040W 075-32-40.344W
RELOCATE	Oregon Inlet Lighted Buoy 19	CGD05 from 35-46-19.285N	075-32-21.420W

				to 35-46-28.848N	075-32-31.670W
				NOS	
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			--	--
				NOS	
LAST EDITION	No new editions of chart 12204 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			--	--
12205	35th Ed.	01-FEB-17	Last LNM: 47/21	NAD 83	21/22
<i>ChartTitle: Cape Henry to Pamlico Sound, Including Albemarle Sd.; Rudee Heights</i>					
CHART VA-NC- CAPE HENRY TO PAMLICO SOUND (including ALBEMARLE SOUND). Page/Side: N/A					
				CGD05	
DELETE	Oregon Inlet Channel Buoy 21A			35-46-35.270N	075-32-39.107W
				CGD05	
RELOCATE	Oregon Inlet Channel Buoy 21			from 35-46-26.568N	075-32-29.040W
				to 35-46-38.928N	075-32-40.344W
				CGD05	
RELOCATE	Oregon Inlet Lighted Buoy 19			from 35-46-19.285N	075-32-21.420W
				to 35-46-28.848N	075-32-31.670W
Main Panel 528 CAPE HENRY-PAMLICO SND INCL ALBEMARLE SND VA-NC. Page/Side: _01					
				NOS	
LAST EDITION	No new editions of chart 12205 will be published. It will be canceled on 31-Aug-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			--	--
12210	46th Ed.	01-NOV-19	Last LNM: 52/21	NAD 83	21/22
<i>ChartTitle: Chincoteague Inlet to Great Machipongo Inlet;Chincoteague Inlet</i>					
CHART VA-CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET. Page/Side: N/A					
				CGD05	
CHANGE	Great Machipongo Inlet Lighted Wreck Buoy WR13 to Great Machipongo Inlet Buoy 13			37-24-44.231N	075-45-40.827W
12216	31st Ed.	01-NOV-18	Last LNM: 52/21	NAD 83	21/22
<i>ChartTitle: Cape Henlopen to Indian River Inlet;Breakwater Harbor</i>					
Main Panel 555 CAPE HENLOPEN TO INDIAN RIVER INLET - -. Page/Side: -					
				NOS	
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			--	--
				NOS	
LAST EDITION	No new editions of chart 12216 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			--	--
12222	56th Ed.	01-MAY-19	Last LNM: 41/19	NAD 83	21/22
<i>ChartTitle: Chesapeake Bay Cape Charles to Norfolk Harbor</i>					
Main Panel 559 CHESAPEAKE BAY CAPE CHARLES TO NORFOLK HARBOR - -. Page/Side: -					
				CGD05	
RELOCATE	Norfolk International Terminal South Channel Buoy 2S			from 36-54-49.831N	076-20-10.318W
				to 36-54-48.850N	076-20-11.125W
				CGD05	
RELOCATE	Norfolk International Terminal South Channel Lighted Buoy 4S			from 36-54-45.089N	076-19-57.865W
				to 36-54-43.351N	076-19-56.299W
12224	28th Ed.	01-DEC-18	Last LNM: 45/17	NAD 83	21/22
<i>ChartTitle: Chesapeake Bay Cape Charles to Wolf Trap</i>					
Main Panel 562 CHESAPEAKE BAY CAPE CHARLES TO WOLF TRAP - -. Page/Side: -					
				NOS	
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			--	--
				NOS	
LAST EDITION	No new editions of chart 12224 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled			--	--

12225	62nd Ed.	01-AUG-19	Last LNM: 45/17	NAD 83		21/22
<i>ChartTitle: Chesapeake Bay Wolf Trap to Smith Point</i>						
Main Panel 563 CHESAPEAKE BAY WOLF TRAP TO SMITH POINT - -. Page/Side: -						
CHANGE	Broad Creek South Entrance Light 2BC to Broad Creek South Entrance Wreck Light WR2BC			CGD05 37-54-58.697N		075-50-44.191W
12226	20th Ed.	01-NOV-20	Last LNM: 45/17	NAD 83		21/22
<i>ChartTitle: Chesapeake Bay Wolf Trap to Pungoteague Creek</i>						
Main Panel 564 CHESAPEAKE BAY WOLF TRAP TO PUNGOTEAGUE CREEK - -. Page/Side: -						
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS --		--
LAST EDITION	No new editions of chart 12226 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS --		--
12228	36th Ed.	01-JUL-20	Last LNM: 41/17	NAD 83		21/22
<i>ChartTitle: Chesapeake Bay Pocomoke and Tangier Sounds</i>						
Main Panel 566 CHESAPEAKE BAY POCOMOKE AND TANGIER SOUNDS - -. Page/Side: -						
CHANGE	Big Thorofare West Channel Lighted Wreck Buoy WR15 to Big Thorofare West Lighted Buoy 15			CGD05 37-59-54.447N		076-02-07.708W
CHANGE	Broad Creek South Entrance Light 2BC to Broad Creek South Entrance Wreck Light WR2BC			CGD05 37-54-58.697N		075-50-44.191W
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS --		--
LAST EDITION	No new editions of chart 12228 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS --		--
12230	67th Ed.	01-JAN-17	Last LNM: 52/21	NAD 83		21/22
<i>ChartTitle: Chesapeake Bay Smith Point to Cove Point</i>						
CHART VA-MD-CHESAPEAKE BAY: SMITH POINT TO COVE POINT. Page/Side: N/A						
DELETE	Daugherty Creek Channel Lighted Wreck Buoy WR5			CGD05 38-01-32.314N		075-50-24.151W
DELETE	Fishing Bay Lighted Wreck Buoy WR4A			CGD05 38-17-18.396N		076-00-51.107W
CHANGE	Big Thorofare West Channel Lighted Wreck Buoy WR15 to Big Thorofare West Lighted Buoy 15			CGD05 37-59-54.447N		076-02-07.708W
CHANGE	Broad Creek South Entrance Light 2BC to Broad Creek South Entrance Wreck Light WR2BC			CGD05 37-54-58.697N		075-50-44.191W
12231	32nd Ed.	01-JUN-19	Last LNM: 24/17	NAD 83		21/22
<i>ChartTitle: Chesapeake Bay Tangier Sound Northern Part</i>						
Main Panel 569 TANGIER SOUND - NORTHERN PART - -. Page/Side: -						
DELETE	Daugherty Creek Channel Lighted Wreck Buoy WR5			CGD05 38-01-32.314N		075-50-24.151W
CHANGE	Big Thorofare West Channel Lighted Wreck Buoy WR15 to Big Thorofare West Lighted Buoy 15			CGD05 37-59-54.447N		076-02-07.708W
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS --		--
LAST EDITION	No new editions of chart 12231 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS --		--

12233	39th Ed.	01-SEP-17	Last LNM: 40/17	NAD 83		21/22
<i>ChartTitle: Potomac River Chesapeake Bay to Piney Point</i>						
Main Panel 570 POTOMAC RIVER-CHESAPEAKE BAY TO PINEY POINT - -. Page/Side: -						
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS	--	--
LAST EDITION	No new editions of chart 12233 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS	--	--
12235	36th Ed.	01-DEC-17	Last LNM: 43/17	NAD 83		21/22
<i>ChartTitle: Chesapeake Bay Rappahannock River Entrance, Piankatank and Great Wicomico Rivers</i>						
Main Panel 571 RAPPAHANNOCK RIVER ENTRNCE PIANKATANK-GREAT WICOMICO RIVERS - -. Page/Side: -						
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS	--	--
LAST EDITION	No new editions of chart 12235 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS	--	--
12245	71st Ed.	01-AUG-20	Last LNM: 24/19	NAD 83		21/22
<i>ChartTitle: Hampton Roads</i>						
Main Panel 584 HAMPTON ROADS VIRGINIA - -. Page/Side: -						
RELOCATE	Norfolk International Terminal South Channel Buoy 2S			CGD05 from 36-54-49.831N to 36-54-48.850N		076-20-10.318W 076-20-11.125W
RELOCATE	Norfolk International Terminal South Channel Lighted Buoy 4S			CGD05 from 36-54-45.089N to 36-54-43.351N		076-19-57.865W 076-19-56.299W
12251	24th Ed.	01-AUG-13	Last LNM: 18/19	NAD 83		21/22
<i>ChartTitle: James River Jamestown Island to Jordan Point</i>						
Main Panel 589 JAMES RIVER JAMESTOWN ISLAND TO JORDAN POINT. Page/Side: N/A						
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS	--	--
LAST EDITION	No new editions of chart 12251 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS	--	--
12252	25th Ed.	01-JAN-13	Last LNM: 24/17	NAD 83		21/22
<i>ChartTitle: James River Jordan Point to Richmond</i>						
Main Panel 590 JAMES RIVER JORDAN POINT TO RICHMOND. Page/Side: N/A						
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS	--	--
LAST EDITION	No new editions of chart 12252 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS	--	--
12261	31st Ed.	01-JAN-17	Last LNM: 52/21	NAD 83		21/22
<i>ChartTitle: Chesapeake Bay Honga, Nanticoke, Wicomico Rivers and Fishing Bay</i>						
CHART MD- CHESAPEAKE BAY: HONGA, NANTICOKE, WICOMICO RIVERS AND FISHING BAY. Page/Side: N/A						
DELETE	Fishing Bay Lighted Wreck Buoy WR4A			CGD05 38-17-18.396N		076-00-51.107W
Main Panel 598 HONGA NANTICOKE WICOMICO RIVERS AND FISHING BAY. Page/Side: A						
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS	--	--
				NOS		

LAST EDITION	No new editions of chart 12261 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	--	--
12268	12th Ed. 01-DEC-15 Last LNM: 15/17 NAD 83		21/22
<i>ChartTitle: Choptank River Cambridge to Greensboro</i>			
Main Panel 615 CHOPTANK RIVER CAMBRIDGE TO GREENSBORO. Page/Side: A			
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.	NOS --	--
LAST EDITION	No new editions of chart 12268 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--
12272	33rd Ed. 01-JAN-17 Last LNM: 20/19 NAD 83		21/22
<i>ChartTitle: Chester River; Kent Island Narrows, Rock Hall Harbor and Swan Creek</i>			
Main Panel 622 CHESAPEAKE BAY - MARYLAND CHESTER RIVER. Page/Side: A			
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.	NOS --	--
LAST EDITION	No new editions of chart 12272 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--
12284	17th Ed. 01-SEP-14 Last LNM: 44/17 NAD 83		21/22
<i>ChartTitle: Patuxent River Solomons Island and Vicinity</i>			
Main Panel 643 PATUXENT RIVER SOLOMONS IS AND VICINITY. Page/Side: A			
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.	NOS --	--
LAST EDITION	No new editions of chart 12284 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--
12285	43rd Ed. 01-APR-19 Last LNM: 41/17 NAD 83		21/22
<i>ChartTitle: Potomac River; District of Columbia</i>			
CHART MD-VA-DC- POTOMAC RIVER. Page/Side: N/A			
CHANGE	Upper Potomac River Light 4 (LLNR 17765) has been changed to (LLNR 17760)	CGD05 38-24-46.449N	077-02-19.556W
Main Panel 644 POTOMAC RIVER SMITH POINT VA TO BRETON BAY MD - -. Page/Side: -			
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.	NOS --	--
LAST EDITION	No new editions of chart 12285 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .	NOS --	--
12286	33rd Ed. 01-AUG-17 Last LNM: 34/17 NAD 83		21/22
<i>ChartTitle: Potomac River Piney Point to Lower Cedar Point</i>			
Main Panel 661 POTOMAC RIVER PINEY POINT TO LOWER CEDAR POINT - -. Page/Side: -			
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.	NOS --	--
LAST EDITION	No new editions of chart 12286 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart	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>.

12287	19th Ed.	01-SEP-14	Last LNM: 45/14	NAD 83	21/22
<i>ChartTitle: Potomac River Dahlgren and Vicinity</i>					
Main Panel 662 POTOMAC RIVER DAHLGREN AND VICINITY. Page/Side: A					
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS --	--
LAST EDITION	No new editions of chart 12287 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS --	--
12288	21st Ed.	01-SEP-13	Last LNM: 25/17	NAD 83	21/22
<i>ChartTitle: Potomac River Lower Cedar Point to Mattawoman Creek</i>					
Main Panel 663 POTOMAC RIVER LOWER CEDAR POINT TO MATTAWOMAN CREEK. Page/Side: N/A					
CHANGE	Upper Potomac River Channel Light 5 (LLNR 17815) to Upper Potomac River Light 5 (LLNR 17765) Fl G 4s.			CGD05 38-24-18.805N	077-02-33.982W
CHANGE	Upper Potomac River Light 4 (LLNR 17765) has been changed to (LLNR 17760)			CGD05 38-24-46.449N	077-02-19.556W
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS --	--
LAST EDITION	No new editions of chart 12288 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS --	--
12289	52nd Ed.	01-FEB-20	Last LNM: 41/17	NAD 83	21/22
<i>ChartTitle: Potomac River Mattawoman Creek to Georgetown; Washington Harbor</i>					
Main Panel 664 POTOMAC RIVER MATTAWOMAN CREEK TO GEORGETOWN - -. Page/Side: -					
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS --	--
LAST EDITION	No new editions of chart 12289 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS --	--
12314	34th Ed.	01-DEC-18	Last LNM: 52/21	NAD 83	21/22
<i>ChartTitle: Delaware River Philadelphia to Trenton</i>					
Main Panel 672 DELAWARE RIVER-PHILADELPHIA TO TRENTON-MAIN PANEL - -. Page/Side: -					
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS --	--
LAST EDITION	No new editions of chart 12314 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml .			NOS --	--
12323	26th Ed.	01-DEC-12	Last LNM: 52/19	NAD 83	21/22
<i>ChartTitle: Sea Girt to Little Egg Inlet</i>					
Main Panel 682 SEA GIRT TO LITTLE EGG INLET. Page/Side: N/A					
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 16-Nov-22.			NOS --	--
LAST EDITION	No new editions of chart 12323 will be published. It will be canceled on 16-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster			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

Approved Project(s)
None

Project Date **Ref. LNM**

Advance Notice(s)

NJ – INTRACOASTAL WATERWAY – CHANGE BUOYS TO FIXED AIDS

On or about July 2022 the Coast Guard will make the following changes to the aids to navigation marking the New Jersey Intracoastal Waterway (NJICW). This action is being taken to ensure the visibility of the navigation aids, increase their accuracy throughout the year in the narrow waterway, reduce discrepancies due to ice and decrease the work load on servicing units.

Change NJICW Buoy 12 (LLNR 35015) to NJICW Daybeacon 14 (LLNR 35015) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 14 (LLNR 35025) to NJICW Daybeacon 14 (LLNR 35025) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Lighted Buoy 27 (LLNR 35070) to NJICW Light 27 (LLNR 35070) Flashing Green 4 second Light, Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 31 (LLNR 35085) to NJICW Daybeacon 31 (LLNR 35085) Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 33 (LLNR 35090) to NJICW Daybeacon 31 (LLNR 35090) Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 38 (LLNR 35115) to NJICW Daybeacon 38 (LLNR 35115) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 46 (LLNR 35167) to NJICW Daybeacon 46 (LLNR 35167) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 48 (LLNR 35175) to NJICW Daybeacon 48 (LLNR 35175) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Lighted Buoy 52 (LLNR 35195) to NJICW Light 52 (LLNR 35175) Flashing Red, 4 second Light, Red Triangle Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 53 (LLNR 35196) to NJICW Daybeacon 53 (LLNR 35196) Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 65 (LLNR 35245) to NJICW Daybeacon 65 (LLNR 35245) Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 67 (LLNR 35250) to NJICW Daybeacon 67 (LLNR 35250) Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 71 (LLNR 35275) to NJICW Daybeacon 71 (LLNR 35275) Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 72 (LLNR 35280) to NJICW Daybeacon 72 (LLNR 35280) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 74 (LLNR 35285) to NJICW Daybeacon 74 (LLNR 35285) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 75 (LLNR 35290) to NJICW Daybeacon 75 (LLNR 35290) Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 76 (LLNR 35295) to NJICW Daybeacon 76 (LLNR 35295) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 79 (LLNR 35305) to NJICW Daybeacon 79 (LLNR 35305) Green Square Dayboard with yellow square ICW mark.

Change NJICW Buoy 80 (LLNR 35310) to NJICW Daybeacon 80 (LLNR 35310) Triangle Red Dayboard with yellow triangle ICW mark.

Change NJICW Buoy 84 (LLNR 35330) to NJICW Daybeacon 84 (LLNR 35330) Triangle Red Dayboard with yellow triangle ICW mark.

Charts: 12316 12324

LNM: 18/22

NJ – DE – DELAWARE RIVER – PEA PATCH ISLAND DIKE

On or about May 2022 the Coast Guard will rebuild Pea Patch Island Dike Warning Light E (LLNR 2847) with a focal plane of 20 feet vice the previous 32 feet. This change is due to the recalculation of the required Geographic Range (the visibility of an object taking into account the height of the object and the height of the observer). The previous focal plane of 32 feet far exceeded the Nominal Range of the light, the Nominal Range of the Daymarks and the line of sight on the river.

Chart 12311

LNM: 14/22

MD - CHESAPEAKE CHANNEL (SMITH PT TO COVE PT), HONGA RIVER, TANGIER AND POCOMOKE SOUNDS ATON WRECKAGE REMOVAL

Starting on May 12, 2022 the Coast Guard Fifth District will discontinue the following damaged and/or shoaled fixed aids to navigation. Mariners should maintain a safe distance from vessel(s) conducting wreckage removal/demolition operations. Mariners can monitor demolition operations via BNM.

Discontinue: USN Aerial Gunnery Lighted Wreck Buoy WR3 (LL 7455) upon removal of wreckage.

Discontinue: Holland Island Warning Daybeacon (LL 7550)

Discontinue: Hunting Creek Lighted Wreck Buoy WR9 (LL 22285) upon removal of wreckage.

Change: Broad Creek Channel Daybeacon 13 (LL 22700) to Buoy 13 upon removal of damaged pile.

Rename: Big Thorofare West Wreck Light WR2 (LL 23205) to Big Thorofare West Light 2 upon removal of wreckage.

Change: Big Thorofare West Lighted Wreck Buoy WR15 (LL 23260) (LL 22700) to Lighted Buoy 15 upon removal of wreckage.

Discontinue: Daugherty Creek Daybeacon 3 (LL 23365) upon removal of shoaled in pile.

Discontinue: Daugherty Creek Lighted Wreck Buoy WR5 (LL 23370) upon removal of wreckage.

Discontinue: Haines Point Obstruction Buoy (LL 23555) upon removal of wreckage.

Discontinue: Fishing Bay Lighted Wreck Buoy WR4A (LL 24416) upon removal of wreckage.

Discontinue: Honga River Warning Daybeacon A (LL 24550) upon removal of shoaled in pile.

Charts: 12225 12226 12228 12230 12231 12261

LNM: 13/22

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

On or about June 13, 2022 the Coast Guard will be making the following changed to the aids to navigation marking Upper Machodoc Creek Dahlgren Channel:

Remove the words "Dahlgren Channel" from the aid names.

Change: Buoy 2 (LLNR 17640) to Light 2UM in approximate position: 38 18 35.927N-76 59 56.020W with a 4nm nominal range flashing 2.5s red light, optic height of 15' and TR dayboards on pile.

Change: Buoy 4 (LLNR 17655) to Daybeacon 4 in approximate position: 38 18 42.308N-77 00 34.369W with TR dayboards on pile.

Change: Bouy 6 (LLNR 17660) to Daybeacon 6 in approximate position: 38 18 48.906N-77 01 11.536W with TR dayboards on pile.
Baber Point Channel:
Remove the word "Channel" from the aids names.
Change: Buoy 2 (LLNR 17680) to Daybeacon 2B in approximate position: 38 18 04.490N-77 00 39.921W with TR dayboards on pile.
Change: Buoy 4 (LLNR 17685) to Daybeacon 4 in approximate position: 38 18 27.804N-77 01 09.761W with TR dayboards.
Charts: 12285 12286 12287 LNM: 20/22

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

On or about May 31, 2022 the Coast Guard will rename the following aids to navigation:
Rename: Wicomico River Junction Buoy WR (LLNR 17250) to Potomac River Junction Buoy PW.
Rename: Wicomico River Junction Buoy WR (LLNR 23675) to Wicomico River Junction Buoy WN.
Charts: 12261 12285 12286 LNM: 21/22

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

On or about 27 June 2022, due to shoaling and water depth in Barden Inlet, Barden Inlet Daybeacon 20 (LLNR 29230) will be converted to Barden Inlet Buoy 20 (LLNR 29230) to allow servicing and maintenance.
Chart 11545 LNM: 18/22

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

On or about 24 May 2022 the Coast Guard will renumber Beaufort Harbor Channel aids to navigation to conform to standard numbering practice. Over the years aids have been added and removed and the numbering sequence was not maintained.
Change Beaufort Harbor Channel LB 3 (LLNR 34815) to Beaufort Harbor Channel LB 1 (LLNR 34804).
Change Beaufort Harbor Channel B 2A (LLNR 34807) to Beaufort Harbor Channel B 4 (LLNR 34807).
Change Beaufort Harbor Channel 3A (LLNR 34820) to Beaufort Harbor Channel 3 (LLNR 34806).
Change Beaufort Harbor Channel DBN 3B (LLNR 24825) to Beaufort Harbor Channel DBN 5 (LLNR 24825).
Change Beaufort Harbor Channel DBN 4 (LLNR 34826) to Beaufort Harbor Channel DBN 6 (LLNR 34826).
Change Beaufort Harbor Channel DBN 6 (LLNR 34830) to Beaufort Harbor Channel DBN 8 (LLNR 34830).
Change Beaufort Harbor Channel DBN 7 (LLNR 34835) to Beaufort Harbor Channel DBN 9 (LLNR 34835).
Change Beaufort Harbor Channel DBN 8 (LLNR 34840) to Beaufort Harbor Channel DBN 10 (LLNR 34840).
Change Beaufort Harbor Channel DBN 10 (LLNR 34845) to Beaufort Harbor Channel DBN 12 (LLNR 34845).
Chart 11545 LNM: 13/22

NC – LOCKWOODS FOLLY INLET – REDUCTION OF NOMINAL RANGE OF LOCKWOODS FOLLY INLET BUOYS 1 AND 2

On or about the last week in May the Coast Guard will reduce the nominal range of Lockwoods Folly Inlet Lighted Buoy 1 (LLNR 31010) and Lockwoods Folly Inlet Lighted Buoy 2 (LLNR 31015) from 6 NM to 5NM. This reduction is required to provide a more reliable light that will stand up to the rough conditions off Lockwoods Folly Inlet.
Chart 11534 LNM: 13/22

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES

The Coast Guard is evaluating changes in aids to navigation as noted in the below articles. Users may provide feedback on the Fifth Coast Guard District Waterway Proposals Data/Feedback Form:
https://www.navcen.uscg.gov/pdf/Inms/D05_Proposal_Feedback_Form.pdf
This section also includes Public Notices for proposed changes to the bridges within the Fifth Coast Guard District with a request for comments as indicated.

LNM: 04/20

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

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

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

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

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

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

Chart 12313

LNLM: 20/22

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

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

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

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

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

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

Chart 12304

LNLM: 21/22

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

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

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at:

https://www.navcen.uscg.gov/pdf/Inms/D05_Proposal_Feedback_Form.pdf

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

Send comments to CGD5Waterways@uscg.mil, or mail to:

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

Charts: 12273 12278

LNLM: 20/22

VA – LYNNHAVEN INLET TURNING BASIN – BROAD BAY/LONG CREEK CHANNEL – AIDS TO NAVIGATION CHANGE PROPOSAL

Due to the deteriorating condition of the existing Lynnhaven Inlet Light 1L structure the Coast Guard is proposing to rebuild and relocate as listed below.

Relocate: Lynnhaven Inlet Light 1L (LLNR 10130) to approximate position: 36 55 05.813N-76 05 22.957W, with a quick flashing green light and SG dayboards on pile.

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at:

https://www.navcen.uscg.gov/pdf/Inms/D05_Proposal_Feedback_Form.pdf

All comments will be carefully considered and are requested prior to June 13, 2022 to be considered in the analysis. Refer to project number 05-22-000(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: 12222 12254

LNLM: 17/22

VA – LYNNHAVEN INLET TURNING BASIN – BROAD BAY/LONG CREEK CHANNEL – AIDS TO NAVIGATION CHANGE PROPOSAL

Due to significant shoaling in the Lynnhaven Inlet Turning Basin and the Broad Bay/Long Creek Channels; least depth 2.6'MLW to 6.0'MLW, the Coast Guard on about April 13, 2022 made the below changes to the Long Creek Channel and is proposing to make the changes permanent.

Long Creek:

Establish: Lighted Buoy 2LC in approximate position: 36 54 24.711N-76 05 27.897W with a quick flashing red light with a 4nm nominal range.

Establish: Buoy 4 in approximate position: 36 54 23.316N-76 05 19.924W

Establish: Buoy 6 in approximate position: 36 54 21.842N-76 05 15.777W

Rename: Light 6 (LLNR 10170) to Light 6A.

Change: Light 1LC (LLNR 10160) to Warning Light A, change flash characteristic to a flashing 4 second flashing white light with a 4nm nominal range and NW dayboards worded "Danger Shoal", until the aid can be removed.

Rename: Warning Daybeacon A (LLNR 10165) to Warning Daybeacon B with NW dayboards worded "Danger Shoal", until the aid can be removed.

Rename: Daybeacon 4 (LLNR 10168) to Warning Daybeacon C with NW dayboards worded "Danger Shoal", until the aid can be removed.

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at:

https://www.navcen.uscg.gov/pdf/Inms/D05_Proposal_Feedback_Form.pdf

All comments will be carefully considered and are requested prior to June 13, 2022 to be considered in the analysis. Refer to project number 05-22-029(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: 12222 12254

LNM: 16/22

SECTION VII - GENERAL

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

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

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

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

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

LNM: 20/22

VA - ATLANTIC OCEAN - WALLOPS ISLAND ROCKET LAUNCHES

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

Charts: 12210 12211

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

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

Charts: 12222 12254

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

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

- Willoughby Bay

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

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

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

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

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and 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 12205 12221 12222 12245 12254

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

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

Chart 12241

LNM: 37/20

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

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

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

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

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

Chart 12288

LNM: 20/22

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

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

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

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

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

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

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

Chart 12200

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

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

Charts: 12205 12207 12221

DREDGING AND MARINE CONSTRUCTION CAUTIONS

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

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

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

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

Program is currently in effect in the following areas:

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

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

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

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

See ENC 6.

Chart 13003

LNM: 46/21

NJ – GREAT BAY – WADING RIVER BRIDGE TEMPORARY DEVIATION

Mariners are advised that Burlington County will complete maintenance on the Burlington Highway Bridge (CR 542), across Wading River, mile 5.0, at Burlington County, NJ, from 7 a.m. to 3:30 p.m., Monday – Friday, from May 2, 2022, until November 30, 2022. To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 7 a.m. on May 2, 2022, until repair of the counterweight struts is completed and from 7 a.m. to 3:30 p.m., Monday – Friday, until November 30, 2022. The bridge will not be able to open for emergency vessels until repair of the counterweight struts is completed. Once the counterweight struts are repaired, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.759. During work hours, the horizontal and vertical clearances of the bridge will be reduced to zero. Mariners should adjust their transits accordingly and use extreme caution when transiting the area.

Chart 12316

LNM: 20/22

NJ – SANDY HOOK TO LITTLE EGG HARBOR – LITTLE EGG HARBOR – HAZARD TO NAVIGATION

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

Chart 12324

LNM: 14/21

PA – SCHUYLKILL RIVER – CSX RAILROAD BRIDGE DEVIATION

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

Chart 12313

LNM: 42/21

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

Mariners are advised that a temporary deviation has been approved by the Coast Guard to test the seasonal operating regulation of the US Route 543 (Riverside-Delanco) Bridge across Rancocas Creek, mile 1.3, at Burlington County, NJ. The bridge will be maintained in the closed-to-navigation position from 7 a.m. to 3 p.m., and from 8 p.m. to 11 p.m., Monday through Friday, from 7 a.m. to 1 p.m., and from 8 p.m. to 11 p.m., Saturday and Sunday, and from 11 p.m. to 7 a.m., daily, from May 4, 2022, through October 15, 2022. The vertical clearance of the bridge in the closed-to-navigation position is 4 feet above mean high water. Vessels able to safely pass through the bridge in the closed-to-navigation position may do so at any time. The bridge will be able to open in case of an emergency and there is no immediate alternate route for vessels to pass. This deviation will test whether a permanent change to the schedule is needed and to solicit comments from the public regarding these proposed changes.

Comments will be received for the record identified by the docket number USCG-2022-0221 using Federal Decision Making Portal at <http://www.regulations.gov>; and must be submitted on or before August 1, 2022. At all other times the bridge will operate per 33 CFR 117.745 (b).

Chart 12314

LNM: 20/22

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

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

Chart 12311

LNM: 45/21

DE - DELAWARE BAY - MISPELLION RIVER - EMERGENCY BRIDGE CLOSURE

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

Chart 12304

LNM: 10/22

DE – CAPE HENLOPEN TO INDIAN RIVER INLET; BREAKWATER HARBOR

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

Chart 12216

LNM: 09/22

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the Tangier Sound, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°54'17"N / 75°56'40"W; 37°55'15"N / 75°58'25"W; 37°52'25"N / 75°55'48"W; 37°52'10"N / 75°55'36"W; 37°51'58"N / 75°55'34"W; 37°51'40"N / 75°55'26"W; and 37°51'38"N / 75°55'40"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring vhf-fm channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12228

LNM: 21/22

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the Pocomoke Sound, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°56'59"N / 75°42'35"W; 37°56'48"N / 75°43'00"W; 37°56'40"N / 75°44'29"W; 37°56'14"N / 75°45'00"W; 37°55'25"N / 75°44'45"W; and 37°44'55"N / 75°51'37"W.

The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12228

LNM: 21/22

DE – MD - DELAWARE RIVER - CHESAPEAKE AND DELAWARE (C&D) CANAL - BRIDGE PAINTING OPERATIONS

Mariners are advised that a firm on behalf of the Army Corps of Engineers will be painting the Reedy Point and Summit Bridges over the C&D Canal, at miles 1.0 and 9.7, in Reedy Point, New Castle County DE and in Chesapeake City MD, respectively. To facilitate painting operations, equipment

DE – MD - DELAWARE RIVER - CHESAPEAKE AND DELAWARE (C&D) CANAL - BRIDGE PAINTING OPERATIONS

has been installed reducing the available vertical clearance by two feet to approximately 133 feet, above mean high water. The northern half of the span's clearance will be reduced to 133 feet above mean high water from May 16, 2022, to June 17, 2022, and the southern half will be reduced from June 20, 2022, to July 21, 2022. Mariners should check for future notices on this project and should use extreme caution when transiting the area.

Charts: 12277 12311

LNM: 20/22

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

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

Chart 12231

LNM: 21/22

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

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

Chart 12266

LNM: 46/21

MD – ANNAPOLIS HARBOR - BRIDGE INSPECTION

Mariners are advised that an engineering firm, on behalf of Maryland State Highway Administration, will be performing an inspection on the MD181 (6th Street) Bridge over Spa Creek, mile 0.4, in Annapolis, MD. The inspection will be on Friday, June 1, 2022, from 9 a.m. to 3 p.m. During this inspection, one work vessel and a snooper truck will be located in and around the navigation channel. Inspection personnel, equipment and the vessel will relocate from the navigable channel, if at least a 10 minute notice is given. Vessels able to safely pass through the bridge in the closed position may do so, after receiving confirmation from the bridge tender that it is safe to transit through the bridge. Work vessel and bridge tender may be reached on VHF-FM channel 13. The project manager may be reached at (410) 935-9280. Mariners should use caution navigating through the area.

Chart 12283

LNM: 19/22

MD – CHESAPEAKE BAY – SEVERN AND MAGOTHY RIVERS – SEVERN RIVER – ANNAPOLIS HARBOR – TEMPORARY ACCESS CHANNEL

In support of the annual U. S. Naval Academy Blue Angels Air Show practice and performance demonstrations over the Severn River at Annapolis, MD during May 24-25, 2022, a marked channel will be temporarily established in the Severn River near Horn Point. The floating markers will be set on or about noon on Monday, May 23, 2022 and removed immediately after the event on Wednesday, May 25, 2022. Located between Spa Creek Entrance Buoy 1SC (LLNR 19905) and Annapolis Harbor Channel LB 5 (LLNR 19730), this channel is intended to allow vessels to transit into and out of Annapolis Harbor during the air show event. Vessels operating in this area do so at their own discretion. The temporary access channel will include eight unlit red floating markers and seven unlit green floating markers, located in the following approximate positions:

****FOR MARKER LOCATIONS, SEE ENCLOSURE 8****

At no time while the regulated area is being enforced will event spectators be permitted to obstruct either the temporary access channel, or the federal navigation channel outside of the regulated area. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region at (410) 576-2674, or email D05-DG-SectorMD-NCR-MarineEvents@uscg.mil.

Charts: 12282 12283

LNM: 17/22

******MD - CHESAPEAKE BAY – SEVERN AND MAGOTHY RIVERS – SEVERN RIVER – SECURITY ZONE******

The 2022 U.S. Naval Academy Graduation Commencement Ceremony is scheduled to occur along the Severn River at Annapolis, MD on Friday, May 27, 2022. As described in Title 33 Code of Federal Regulations (CFR) Section 165.509, a security zone is established upon all waters of the Severn River, from shoreline to shoreline, bounded by a line drawn from Horseshoe Point at 38°59'47.6" N, 076°29'33.2" W, eastward across the Severn River to a point located at 39°00'01.5" N, 076°29'08.5" W; and a line drawn from Biemans Point at 38°59'14.4" N, 076°28'30.1" W, westward across the Severn River to a point 38°59'03.5" N, 076°28'50.0" W, located on the Naval Academy waterfront. This security zone includes the waters of College Creek eastward of the King George Street Bridge. All coordinates reference Datum NAD 1983. This security zone will be enforced from 7:30 am to 2 p.m. on May 27, 2022. The general regulations governing security zones found in 33 CFR Section 165.33 apply to the security zone described in this article. Entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port (COTP) Maryland-National Capital Region. Persons or vessels requiring entry into or passage through the security zone must first request authorization from the COTP Maryland-National Capital Region to seek permission to transit the area. The COTP Maryland-National Capital Region can be contacted at telephone number (410) 576-2693. The Coast Guard vessels enforcing the zone can be contacted on Marine Band Radio, VHF channel 16 (156.8 MHz). Upon being hailed by a U.S. Coast Guard vessel by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed. If permission is granted, all persons and vessels must comply with the instructions of the COTP Maryland-National Capital Region and proceed at the minimum speed necessary to maintain a safe course while within the zone. The U.S. Coast Guard may be assisted in the patrol and enforcement of the zone by Federal, State, and local agencies. For comments or questions, contact U.S. Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.

Charts: 12282 12283

LNM: 21/22

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

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

Chart 12263

LNM: 09/22

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

Test boring operations are scheduled to occur in Baltimore Harbor from May 23, 2022 to on/about June 23, 2022, at Patapsco River between the south side of Cox Creek and White Rocks Light (LLNR 20370). Work will be conducted Monday–Friday, from 7 a.m. to 5 p.m., and may include weekends to make up weather days if needed. Marine equipment includes the spud barge "151" (85' x 44' x 5.5') and the tugs "RISING SUN", "CAPT. STEVE", & "MISS DEE" for the duration of the project. If weather allows, the spud barge will remain overnight close to the drilling locations,

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

but clear of any navigation channels. All equipment will be clearly marked and lighted as required by U. S. Coast Guard regulations. To prevent damage to the gear, mariners operating nearby are requested to proceed at a reduced safe speed that minimizes wake at the work site. Interested mariners can contact the support tug, while working, on marine band radio VHF-FM channels 16 and 13.

Chart 12278

LNLM: 19/22

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

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

Chart 12273

LNLM: 20/22

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

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

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

(1) Structural cross-member steel erection/bolt-up over the channel through mid-March.

(2) Bridge deck construction over the channel from mid-March through end of April.

(3) Concrete closure pours between the segments will continue through June.

(4) Pier protection precast fender ring setting, six of the ten segments, through June.

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

(1) Pier protection precast fender ring setting, remaining four of the ten segments (two corner pieces at each pier/ring), late April/May.

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

Charts: 12287 12288

LNLM: 11/22

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

To facilitate the setting of bridge pier protection fender ring precast segments adjacent to the federal navigation channel at the new Gov. Harry W. Nice/Sen. Thomas "Mac" Middleton Memorial (US-301) Bridge, located between Charles County, MD and King George County, VA, the Coast Guard will establish a temporary safety zone for certain navigable waters of the Potomac River from 7 a.m. on May 16, 2022 through 8 p.m. on June 18, 2022. The safety zone will cover all navigable waters of the Potomac River, encompassed by a line connecting the following points beginning at 38°21'50.96" N, 076°59'22.04" W, thence south to 38°21'43.08" N, 076°59'20.55" W, thence west to 38°21'41.00" N, 076°59'34.90" W, thence north to 38°21'48.90" N, 076°59'36.80" W, and east back to the beginning point, located between Charles County, MD and King George County, VA. These coordinates are based on datum NAD 83. At times during the period, from 7 a.m. on May 16, 2022 through 8 p.m. on June 18, 2022, the safety zone will be enforced when the large crane barge and its associated anchoring equipment are required to be positioned within the federal navigation channel. The critical heavy lift operations will impede vessels requiring the use of the channel in this area. The large crane barge and its equipment, however, are not expected to be within the federal navigation channel continuously from May 16, 2022 through June 18, 2022. The Coast Guard will issue a Broadcast Notices to Mariners via VHF-FM marine band radio about the status of the safety zone. Under the general safety zone regulations in subpart C of 33 CFR part 165, except for marine equipment operated by Skanska-Corman-McLean, Joint Venture, or its subcontractors, you may not enter the safety zone described unless authorized by the Captain of the Port Maryland-National Capital Region (COTP) or the COTP's designated representative. To seek permission to enter, contact the COTP or the COTP's representative by telephone number 410-576-2693 or on Marine Band Radio VHF-FM channel 16. Those in the safety zone must comply with all lawful orders or directions given to them by the COTP or the COTP's designated representative. The U.S. Coast Guard may be assisted in the patrol and enforcement of the safety zone by Federal, State, and local agencies. Vessel traffic not required to use this section of the federal navigation channel may be able to safely transit around the safety zone under the next bridge span to the east or the west of the federal navigation channel, but do so at their own discretion. A "bridge work—danger—stay AWAY" sign facing the northern and southern approaches of the navigation channel will be posted on the sides of the marine equipment on-scene within the location described. Interested persons can contact U.S. Coast Guard Sector Maryland-NCR Waterways Management Division at telephone number (410) 576-2674 or (410) 576-2693.

Charts: 12287 12288

LNLM: 19/22

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

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

Charts: 12287 12288

LNLM: 18/21

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

Coastal Design & Construction, Inc. will begin construction of a Stone Sills at the Dyke Marsh Wetlands on the Potomac River, starting on June 20, 2022 to approximately December 16, 2022. Ten barges will be moored in the following positions: Deck Barge - 38° 46.105574'N, 77° 02.420493'W,

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

Deck Barge - 38° 46.004669'N, 77° 02.439142'W, Deck Barge - 38° 45.912448'N, 77° 02.449099'W, Deck Barge - 38° 45.811189'N, 77° 02.457863'W, Rig Barge - 38° 45.458249'N, 77° 02.480035'W, Rig Barge - 38° 45.354135'N, 77° 02.487352'W, Line Barge - 38° 44.99912'N, 77° 02.3365'W, Line Barge - 38° 44.896292'N, 77° 02.360414'W, Line Barge - 38° 44.849763'N, 77° 02.369003'W, Line Barge - 38° 44.750468'N, 77° 02.386795'W, All barges will be marked with constant White Light per Coast Guard requirements and moorings with slow flashing white lights. Tug – Kat II will be monitoring VHF Channel 13 & 16. For more information, contact, Eppa Dale Wroten – Superintendent, Cell: 804-366-0447.

Chart 12289

LNM: 21/22

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

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

Mariners should use extreme caution when transiting the areas.

Charts: 12285 12289

LNM: 05/22

******DC – UPPER POTOMAC RIVER - MATTAWOMAN CREEK TO GEORGETOWN - GEORGETOWN CHANNEL - EMERGENCY REPAIR******

Mariners are advised that repairs will be conducted on the WMATA Yellow Line Bridge, at mile 109.8, across the Potomac River in Washington, DC from June 1, 2022 until March 31, 2023. Work will be completed from a barge anchored in and around the navigable channel and will be relocated outside the channel during non-working hours. No work will be conducted in the federal channel. Mariners should exercise extreme caution when transiting the area.

Charts: 12285 12289

LNM: 21/22

VA – SEACOAST – SEAFLOOR SURVEYING

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

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

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

Chart 12211

LNM: 19/22

VA – ATLANTIC OCEAN – CHESAPEAKE BAY - MAYFLOWER ATONOMOUS SHIP (MAS) NOTICE

Mariners are advised the unmanned Mayflower Autonomous Ship (MAS), or MAYFLOWER 400, has set sail from Plymouth, U.K. and has been delayed and is now scheduled to arrive around June 6, 2022. The MAS is an AI-piloted robotic research vessel, originally conceived to commemorate the 400th anniversary of the Mayflower voyage and collect data along its intended Mid-Atlantic route. Upon arrival to U.S. territorial waters (12 miles), the vessel will be escorted until dockside at Little Creek Harbor. Coast Guard Sector Virginia will update mariners via Safety Marine Information Broadcast (SMIB) as appropriate on the arrival status of the MAS. Release times for the SMIBs are subject to change based on the actual arrival time of the vessel. Mariners are advised to use caution when transiting IVO the vessel. The vessel is equipped with AIS onboard (MMSI #368199920) and mariners may hail MAYFLOWER 400 Escort Boat monitoring VHF/FM channel 13/16. The vessel will be departing Little Creek, VA near the end of Jun, bound for Washington D.C.

Concerns can be directed to Coast Guard Sector Virginia Command Center at 757-638-6635.

Charts: 12221 12248

LNM: 18/22

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

On or around March 15, 2022, Coastal Management Group will be mooring 3 deck barges SSW of Fort Wool as a temporary habitat for nesting birds, during the Hampton Roads Bridge Tunnel Project. Barges will be moored in approximate position 36-59-07.96N, 076-18-05.96W. For more information contact Matt Anders (757) 298.0627, manders@cmgroupva.com. Barges will remain until September 30, 2022.

Charts: 12222 12245

LNM: 10/22

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

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

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

The replacement south approach bridge will be a fixed bridge with a horizontal clearance of 100 feet and a vertical clearance of 16 feet above mean high water at position 36° 58' 15.24" N, 76° 18' 03.96" W. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins.

Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new approach bridge spans or located within specific Mooring Areas or Safe Harbor locations.

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

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

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

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

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

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

Charts: 12222 12245

LNM: 44/20

VA - HAMPTON ROADS-WILLOUGHBY BAY - BRIDGE MODIFICATION

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

The project will involve widening the existing two-lane eastbound and westbound structures into two four-lane structures. This will be done by constructing an additional vehicular lane on each side of the existing eastbound structure and constructing an additional vehicular lane on each side of the existing westbound structure. The modified bridge will be a fixed bridge with a horizontal clearance of 50 feet and a vertical clearance of 25 feet above mean high water. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins.

Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new bridge spans or located within the specific Mooring/Safe Harbor area.

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

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

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

Charts: 12222 12245

LNM: 23/21

******VA – CHESAPEAKE BAY – NORFOLK HARBOR – ELIZABETH RIVER – NORFOLK HARBORFEST 2022******

The 46th Annual Norfolk Harborfest Celebration is expected to draw a large number of spectator vessels in the vicinity of Town Point Reach.

To assist in maintaining a safe waterway, the Captain of the Port, Sector Virginia will be enforcing a Fireworks Safety Zone listed in 33 CFR 165.506(h)(3), closing the waters of the Elizabeth River in the vicinity of Town Point Reach during the following times:

June 11, 2022, at 9:00 pm lasting until 10:00 p.m.

Other activities associated with the festival will necessitate the use of a Special Local Regulation limiting the use of the Elizabeth River Navigational channel from Friday, June 10 through Sunday, June 12, 2022. Waterway Closures enforced via the Special Local Regulation listed in 33 CFR 100.501(i)(3) will be in effect during the following dates and times:

June 10 at 1:45 pm until the completion of the S.A.R. Demo

June 10 at 9:15 pm until the completion of the Drone show

June 11 at 1:15 pm until the completion of the S.A.R. Demo

During these times of heightened risk vessels will be directed by support craft not to enter the regulated area. Operators must stop their vessel immediately upon being directed to do so and must proceed as directed by any law enforcement vessels. A Coast Guard patrol will be on scene monitoring VHF channels 13 and 16 during these events. Mariners are requested to use extreme caution when transiting Town Point Reach.

See chart let in ENC 4.

Chart 12253

LNM: 21/22

VA – NORFOLK HARBOR AND ELIZABETH RIVER – TEMPORARY BRIDGE DEVIATION

Mariners are advised that an engineering firm, on behalf of Virginia Department of Transportation, started performing maintenance on the U.S. 460/S.R. 337 (Berkley) Bridge, across the Elizabeth River-Eastern Branch, mile 0.4, at Norfolk, VA. The maintenance will be performed from 7 a.m. to 7 p.m., Monday – Friday, until July 4, 2022. A work barge and tug will be located in and around the vicinity of the bridge. Maintenance personnel and vessels will relocate from the navigable channel, if given at least a 30 minute notice. Work vessels may be reached on VHF-FM channel 13 and 16. Mariners should use extreme caution navigating through the area.

Chart 12252

LNM: 20/22

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

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

Chart 12248

LNM: 21/22

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

Mariners are advised that H&L contracting will be conducting dredging operations in the Lower James River, VA from 6/1/22 thru 7/15/22 for the purpose of harvesting oyster shells. Work hours are 24 hours a day, 7 days a week. A mooring buoy will be anchored south-west of the dredging area to create an additional anchorage for three (3) 260' x 50' barges and three (3) 140' x 35' barges. The anchorage area will be at approximately

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

36°56'57"n / 76°26'9"w. All vessels will be marked and lighted in accordance with uscg regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12248

LNM: 21/22

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru 7/15/22 for the purpose of harvesting oyster shells. Work hours are 24 hours a day, 7 days a week. There will be one 200' x 50' dredge (vessel name: oyster bay), one 260' x 50' barge (un-named) for oyster shells, one 140' x 35' barge (un-named) for oyster shells; a 60' tug boat (vessel name: goose creek) a 40' x 14' push boat (vessel name: Menemsha), skiff (un-named), and other support vessels. The work area will be a square with corners at 36°57'22"n / 76°26'53"w and 36°57'00"n / 76°27'00"w and 36°56'12"n / 76°45'25"w and 36°55'50"n / 76°25'50"w. The dredge Oyster Bay will be spudded in place and other vessels moored to the dredge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12248

LNM: 21/22

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

Mariners are advised that H&L contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru 7/15/22 for the purpose of harvesting oyster shells. Work hours are 24 hours a day, 7 days a week. A mooring buoy will be anchored south-west of the dredging area to create an anchorage for three (3) 260' x 50' barges and three (3) 140' x 35' barges. The anchorage area will be at approximately 36°56'30"n / 76°26'10"w. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12248

LNM: 21/22

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

Mariners are advised that H&L contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°01'17"n / 76°29'17"w; 37°00'41"n / 76°27'55"w; 36°59'25"n / 76°31'06"w; and 36°56'03"n / 76°27'04"w. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12248

LNM: 21/22

******VA – YORK RIVER - OYSTER SHELL DREDGING AND PLANTING PROJECT******

Mariners are advised that H&L contracting will be conducting dredging operations in the York River, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°16'24"n / 76°31'54"w; 37°14'37"n / 76°28'28"w; 37°14'33"n / 76°26'39"w. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12221

LNM: 21/22

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

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

Chart 12235

LNM: 06/22

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the Piankatank River and Chesapeake Bay, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°32'01"n / 76°23'04"w; 37°31'36"n / 76°20'52"w; 37°30'51"n / 76°19'38"w; 37°31'50"n / 76°14'59"w; and 37°30'28"n / 76°14'41"w. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12235

LNM: 21/22

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the lower Rappahannock River, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug

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

boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°40'02"n / 76°28'37"w; 37°36'55"n / 76°18'42"w; 37°36'39"n / 76°18'19"w; 37°36'30"n / 76°18'14"w; 37°38'20"n / 76°32'36"w; 37°38'06"n / 76°32'30"w; 37°36'35"n / 76°20'34"w; 37°34'19"n / 76°17'08"w; 37°34'38"n / 76°18'18"w; 37°37'08"n / 76°30'48"w; 37°34'28"n / 76°18'37"w; 37°34'36"n / 76°18'59"w; 37°34'37"n / 76°18'07"w; 37°34'32"n / 76°17'57"w; 37°34'39"n / 76°17'35"w; and 37°34'42"n / 76°16'54"w. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12235

LNM: 21/22

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

Mariners are advised that H&L contracting will be conducting dredging operations in the Upper Rappahannock River, VA from 6/1/21 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°43'31"n / 76°35'14"w; 37°43'12"n / 76°34'56"w; 37°42'45"n / 76°34'54"w; 37°41'05"n / 76°34'43"w; 37°41'56"n / 76°34'36"w; 37°41'27"n / 76°34'19"w; and 37°41'25"n / 76°34'20"w. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12235

LNM: 21/22

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

Mariners are advised that H&L contracting will be conducting dredging operations in the Wicomico River, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°49'24"n / 76°18'52"w; 37°49'17"n / 76°18'37"w; 37°48'33"n / 76°18'02"w; 37°47'37"n / 76°17'13"w; and 37°49'00"n / 76°17'17"w. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12235

LNM: 21/22

******NC – OREGON INLET – SHOALING******

Severe shoaling exists spanning the width of the channel inside the bar between Oregon Inlet Buoy 3 (LLNR 27985), Oregon Inlet Buoy 4 (LLNR 27990), and Oregon Inlet Lighted Buoy 6 (LLNR 28003). Depths reported of 4ft MLW IAW most recent USACOE survey. See SEC NC BNM 169-22. Significant shoaling exists between Oregon Inlet Buoy 17 (LLNR 28055) and Oregon Inlet Channel Buoy 21 (LLNR 28070), reducing channel depths to two to three feet at mean low water. Aids to navigation can no longer be configured or maintained to safely mark a passable channel. As such, Oregon Inlet Buoy 17 (LLNR 28055) will be temporarily disestablished and Oregon Inlet Channel Buoy 21A (LLNR 28073) will be discontinued. Oregon Inlet Lighted Buoy 19 (LLNR 28065) and Oregon Inlet Channel Buoy 21 (LLNR 28070) will be re-positioned to mark good water. The coast guard is not closing or otherwise restricting the waterway. Boaters choosing to transit through this channel do so at their own risk and should use extreme caution. See SEC NC BNM 170-22.

Chart 12204

LNM: 21/22

******NC – OREGON INLET – BONNER BRIDGE – NAVIGATION SPAN – CONSTRUCTION******

Demolition crews are continuing working near Bonner Bridge in Oregon Inlet, NC. Workers and equipment will be present in, around bent 37, and between bents 24-25 of the Bonner Bridge demolition project. Oregon Inlet has significant shoaling in between Oregon Inlet Lighted Buoy 6 (LLNR 28003) and Oregon Inlet Buoy 7 (LLNR 28005). Mariners should follow the aids to navigation closely and stay clear of demolition work areas. Mariners are requested to transit at no wake speeds and use extreme caution in this area during work hours. Crane barges will be secured in place with four anchors connected by anchor wires to the corners of the barge. The anchor locations will be marked with yellow crown buoys within an approximate 500-ft radius of the crane barge. Mariners should be aware that anchor wires may be at or just above/below the water surface between the barges and crown buoys; therefore vessels should stay on the outboard side of the crown buoys. The NCDOT Resident Engineer may be contacted at (252) 473-3637 and PCL Civil Constructors may be contacted at (252) 423-3093. Project information may be found at <http://www.ncdot.gov/projects/bonnerbridgereplace/>.

Chart 12205

LNM: 18/16

******NC – OREGON INLET – BONNER BRIDGE – SAFETY ZONE******

33CFR165.T05-1065 Safety Zone; Oregon Inlet, Dare County, NC.

(a) Location. The following area is a safety zone: all navigable waters of Oregon Inlet, within 100 yards of active demolition work and demolition equipment, along the old Herbert C. Bonner Bridge, which follows a line beginning at approximate position 35°46'47" N, 75°32'41" W, then southeast to 35°46'37" N, 75°32'33" W, then southeast to 35°46'09" N, 75°31'59" W, then southeast to 35°46'03" N, 75°31'51" W, then southeast to 35°46'01" N, 75°31'40" W (NAD 1983) in Dare County, NC.

(b) Definitions. As used in this section- Designated representative means a Coast Guard Patrol Commander, including a Coast Guard commissioned, warrant, or petty officer designated by the Captain of the Port North Carolina (COTP) for the enforcement of the safety zone. Captain of the Port means the Commander, Sector North Carolina. Demolition crews means persons and vessels involved in support of demolition.

(c) Regulations. (1) The general regulations governing safety zones in §165.23 apply to the area described in paragraph (a) of this section.

(2) With the exception of demolition crews, entry into or remaining in this safety zone is prohibited.

(3) All vessels within this safety zone when this section becomes effective must depart the zone immediately.

(4) The Captain of the Port, North Carolina can be reached through the Coast Guard Sector North Carolina Command Duty Officer, Wilmington, North Carolina at telephone number 910-343-3882.

(5) The Coast Guard and designated security vessels enforcing the safety zone can be contacted on VHF-FM marine band radio channel 13 (165.65

******NC – OREGON INLET – BONNER BRIDGE – SAFETY ZONE******

MHz) and channel 16 (156.8 MHz).

(d) Enforcement. The U.S. Coast Guard may be assisted in the patrol and enforcement of the safety zone by Federal, State, and local agencies.

(e) Enforcement period. This regulation will be enforced from March 4, 2019, through March 30, 2022.

(f) Public notification. The Coast Guard will notify the public of the active enforcement times at least 48 hours in advance by transmitting Broadcast Notice to Mariners via VHF-FM marine channel 16.

Chart 12205

LNM: 31/19

NC – SEACOAST – BEACH NOURISHMENT DREDGE OPERATIONS – AVON AND BUXTON NC

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

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

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

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

Chart 12200

LNM: 20/22

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

Marine Corps Air Station (MCAS) Cherry Point, Notice of Live Firing.

Live fire operations being conducted which effect/impact these areas. Hancock Creek adjacent to MCAS Cherry Point (waters in Hancock Creek north of Cahoon 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.

Charts: 11548 11552

LNM: 51/17

NC – MOREHEAD CITY AND CAPE FEAR RIVER – SURVEY

Mariners are advised that the Naval Oceanographic Office will be conducting surveys of the Beaufort Inlet Channel, Morehead City Channel, and Cape Fear River. Survey equipment includes a small surface workboat and two REMUS 100 unmanned underwater vehicles (UUVs). Surveys for Beaufort Inlet and Morehead City will be conducted April 23rd-28th. Surveys for the Cape Fear River will be conducted May 1st-June 1st. There is no anticipated impact to vessel traffic within the channels, however, the Naval Oceanographic survey vessel will be monitoring channels 13 and 16 for any additional questions or concerns.

Chart 11520

LNM: 16/22

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

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

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

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

The restricted areas in the Atlantic Ocean east of the New River Inlet as shown on National Ocean Service Chart 11543, will be closed to navigation up to 15 nm seaward because of firing exercises during the following periods:

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

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

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

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

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

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

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

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

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

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

Farnell Bay sector sunrise to sunset daily

Morgans Bay sector sunrise to sunset daily

Jacksonville sector sunrise to sunset daily

2. Ship operations consisting of landing craft, amphibious vehicles, and helicopters may be conducted in the Onslow Beach Operating area and all sectors of New River to include Dive Operations.

3. Due to unexploded ordnance on Browns Island and in the adjacent waterways and marsh areas, Browns Island is off limits to all unauthorized personnel. Vessels may transit the surrounding waters, however no vessel shall bottom fish or anchor.

4. Mariners traveling on the western side of the new river between Stone bay and Farnell Bay should be aware that there are numerous sign poles without working lights and are leaning or submerged as a result of Hurricane Florence and present hazards to navigation. These poles once had signs denoting areas of caution around the Stone bay rifle range and Verona Loop firing ranges.

4A. Signs are located along the stone bay, grey point and Farnell Bay sectors of the New River. Marine Corps Base Camp Lejeune is working to replace these signs.

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

Charts: 11541 11542 11543

LNM: 10/22

NC – CAPE FEAR RIVER – BRUNSWICK CHANNEL –DREDGING

The Dutra Clamshell Dredge DB PAULA LEE, Tug COLONEL, Dump Scow ES-15, Dump Scow CK-7, and Work Boat TROJAN will be operating in the Cape Fear River at the junction of the Upper and Lower Brunswick Channel. The DB PAULA LEE will be dredging the red side of the channel between Cape Fear River Channel Lighted Buoy 58 LLNR 30840 and Cape Fear River Channel Lighted Buoy 58A LLNR 30841 until approximately June 3, 2022. During operations, the tug COLONEL will be moving the dump scows between the dredge area and the New Wilmington ODMDS placement site 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 the project vessels. The DB PAULA LEE will monitor VHF channels 13, 16, and 66A for communication purposes.

Chart 11537

LNM: 20/22

NC –SC – SEACOAST – ONSLOW BAY, NC – LONG BAY, SC – GEOPHYSICAL SURVEYING

APTIM Environmental & Infrastructure, LLC is conducting a high resolution geophysical operation off of Onslow Bay, North Carolina and Long Bay, South Carolina on board vessel James K Goodwin, starting May 16, 2022. Surveying will take place in an area from 3 to 20 nm offshore. Area of survey will be between the coordinates:

N 34°49'53.65"N 76°50'2.69"W, E 34°28'50.12"N 76°28'59.80"W, S 33°11'55.27"N 78°50'4.34"W, W 33°30'32.02"N 79° 7'45.79"W. Vessel will be operational during daylight hours during visibility and remain offshore at night with standard navigation lights as required and deck lights. During surveying, vessel will be operating as restricted in her ability to maneuver. R/V James K Goodwin will monitor VHF on Channel 16. Surveying is expected to be completed by June 10, 2022.

Chart 11520

LNM: 20/22

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
6855	Great Machipongo Inlet Buoy 13	37-24-44.231N 075-45-40.827W				Green can.	21/22
	*		*		*	*	
9555	Norfolk International Terminal South Channel Buoy 2S	36-54-48.850N 076-20-11.125W				Red nun.	21/22
		*					
9560	<i>Norfolk International Terminal South Channel Lighted Buoy 4S</i>	36-54-43.351N 076-19-56.299W	Fl R 2.5s		4	Red.	21/22
		*					
17760	UPPER POTOMAC RIVER LIGHT 4	38-24-46.449N 077-02-19.556W	Fl R 4s	15	4	TR on multi-pile structure.	21/22
	*						
17765	Upper Potomac River Light 4						Remove from list.
							*
17765	UPPER POTOMAC RIVER CHANNEL LIGHT 5	38-24-18.805N 077-02-33.982W	Fl G 4s	44	4	SG on skeleton tower with small white house on piles.	21/22
	*		*				
17815	Upper Potomac River Channel Light 5						Remove from list.
							*
22665	BROAD CREEK SOUTH ENTRANCE WRECK LIGHT WR 2BC	37-54-58.697N 075-50-44.191W	Fl R 2.5s	15	4	TR on pile.	21/22
	*						
23260	<i>Big Thorofare West Lighted Buoy 15</i>	37-59-54.447N 076-02-07.708W	Q G		4	Green.	21/22
	*						

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
23370	<i>Daugherty Creek Channel Lighted Wreck Buoy WR5</i>						Remove from list.	21/22
24416	<i>Fishing Bay Lighted Wreck Buoy WR 4A</i>						*	
							Remove from list.	21/22
							*	
28065	<i>Oregon Inlet Lighted Buoy 19</i>	35-46-28.848N 075-32-31.670W	Fl G 4s		4	Green.		21/22
		*						
28070	Oregon Inlet Channel Buoy 21	35-46-38.928N 075-32-40.344W				Green can.		21/22
		*						
28073	Oregon Inlet Channel Buoy 21A						Remove from list.	21/22
							*	
30048	Banks Slough Channel Buoy 2BS	34-20-35.904N 077-39-52.975W				Red nun.		21/22
		*						
30048.02	Banks Slough Channel Buoy 3	34-20-41.069N 077-39-49.291W				Green can.		21/22
		*						
30048.04	Banks Slough Channel Buoy 4	34-20-44.510N 077-39-42.692W				Red nun.		21/22
		*						
30048.06	Banks Slough Channel Buoy 5	34-20-50.323N 077-39-40.917W				Green can.		21/22
		*						

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. Right Whale Slow Zone.
7. SAILDRONE - Offshore Ocean Survey.
8. Annapolis Harbor - Blue Angles Air Show

SUMMARY OF SHOALING REPORTED IN THE FIFTH COAST GUARD DISTRICT ENCLOSURE (1)

NEW OR UPDATED INFORMATION

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

NEW JERSEY SHOALING

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

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

Chart 12316

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

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

Chart 12316

NJ – BARNEGAT INLET - OYSTER CREEK CHANNEL – SHOALING

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

Chart 12323

NJ – BARNEGAT INLET – SHOALING

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

Chart 12323

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

Shoaling has been reported in the New Jersey Intracoastal Waterway (NJICW) between Manasquan Inlet and Cape May Inlet. Mariners are advised to use extreme caution when transiting the NJICWW due to shoaling. The following are some of the locations where the shoaling has been reported:

NJICWW Light 4 (LLNR 34995).

NJICWW Light 38 (LLNR 35115).

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

NJICWW Daybeacon 49 (LLNR 35108).

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

NJICWW Junction Light LB (LLNR 35420) to Light 109 (LLNR 35430).

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

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

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

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

IVO NJICWW Daybeacon 221 (LLNR 35867).

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

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

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

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

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

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

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

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

Chart 12316, 12324

NJ – LITTLE EGG INLET – SHOALING

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

Chart 12318

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

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

Chart 12316

NJ – SALEM RIVER – SHOALING

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

PENNSYLVANIA SHOALING

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

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

PA – NJ – CHESTER RANGE – SHOALING

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

DELAWARE SHOALING

DE – DELAWARE BAY - MURDERKILL RIVER – SHOALING

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

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

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

DE- INDIAN RIVER BAY – SHOALING

There has been a report of shoaling in Indian River Bay between Indian River Inlet Buoy 19 (LLNR 4435) and Middle Island West Channel Junction Lighted Buoy MI (LLNR 4436). Depths of 0.0 ft at times, during low tide, are reported. Chart 12216

DE – DELAWARE BAY – REHOBOTH BAY – SHOALING

Shoaling reported by unit during seasonal establishment April 7 2021. Shoaling observed from entrance to Rehoboth-Lewis canal south to Rehoboth Bay 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 Chart 12216

DE – INDIAN RIVER BAY – WHITE CREEK – SHOALING

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

MARYLAND SHOALING

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

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

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY SHOALING

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

MD-CHESAPEAKE BAY-NANTICOKE SHOALING

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

MD - CHESAPEAKE BAY - HONGA RIVER – SHOALING

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

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

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

MD – POTOMAC RIVER – ST. GEORGE CREEK – SHOALING

The ACOE Survey of St. George Creek Channel dated April 2018, indicates shoaling across the entire channel. The shoaling is from 850 feet up the channel of St. George Creek West Channel Warning Light A (LL 16760) to 500 feet up the channel of St. George Creek West Channel Warning Daybeacon B (LL 16765), with a least depth of 3.1 feet MLLW.
Chart 12233

MD - POTOMAC RIVER - ST. PATRICK CREEK – SHOALING

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

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

Shoaling has been reported in St. Jerome Creek to a depth of 3 feet at MLW between St Jerome Creek DBN 3 (18805) and St. Jerome Creek Light 4 (LLNR 18810) and extending to St. Jerome Creek Buoy 5 (LLNR 18812) and St. Jerome Creek Buoy 6 (LLNR 18815). The channel width in the area of Deep Point is reduced to approximately 20 feet.
Chart 12233

MD - VA - POTOMAC RIVER - PINEY POINT TO LOWER CEDAR POINT - ST. CATHERINE SOUND LOWER ENTRANCE - SHOALING

Shoaling exists in St. Catherine Sound Lower Entrance (1) off the northeastern tip of St. Catherine Island extending channel ward between 38-14-17.586N, 076-47-15.562W and 38-14-32.841N, 076-47-14.761W, (2) IVO St. Catherine Sound Lower Entrance 4L (LLNR 17230). Ref LNM 44/16,
Chart 12286

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

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

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

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

MD - LITTLE CHOPTANK RIVER - SLAUGHTER CREEK – SHOALING

Shoaling in the western portion of Slaughter Creek IVO of Holland Point has encroached easterly in most of the channel. The shoal adjacent to Slaughter Creek Light 2SC (LLNR 24645) has encroached approx 50-100 yds easterly with observed depths of 3-4' in between tide cycles. Shoaling to 5' MLW has been observed on the red side of the channel between Slaughter Creek Buoy 6 (LLNR 24670) and Slaughter Creek Buoy 8 (LLNR 24683). Sec MD-NCR BNM 045-17,
Chart 12264, 12266

MD - CHESAPEAKE BAY - HONGA, NANTICOKE AND WICOMICO RIVERS – FISHING BAY - TAR BAY

A USACE survey conducted in Apr 2016 has identified shoaling to a depth of less than one foot at mean low water between Tar Bay Channel Warning Daybeacon E (LLNR 24595) and Tar Bay Channel Warning Daybeacon K (LLNR 24615). The channel width has been significantly reduced. Observed depths are between 2-4' at high tide. Sec MD-NCR BNM 044-17
Chart 12261

MD – FISHING BAY – FARM CREEK – SHOALING

Shoaling reported from channel entrance to Farm Creek Channel Daybeacon 2 (LLNR 24430), least depth of 5 feet within the channel limits. From Farm Creek Channel Daybeacon 2 (LLNR 24430) to Farm Creek Channel Daybeacon 7 (LLNR 24445) least depth of 2.0 feet on the red side of channel, 3.9 Ft centerline of channel, and 2.8 feet on the green side of channel. Ref LNM 16/18.

MD – CHESTER RIVER – KENT ISLAND NARROWS NORTH APPROACH – SHOALING

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

MD - CHESAPEAKE BAY - CHESTER RIVER - QUEENSTOWN CREEK

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

MD – APPROACHES TO BALTIMORE HARBOR – HARTS ISLAND CHANNEL

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

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

Hazard to navigation - a USACE survey conducted on April 05, 2022 has identified shoaling to a depth of 33 feet at mean lower low water in the Upper Chesapeake Channel within the channel boundaries between Upper Chesapeake Channel Lighted Buoy 38 LLNR 8640 and Upper Chesapeake Channel Lighted Buoy 38A LLNR 8770. SEC MD-NCR BNM 165-22.
Chart 12273

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

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

MD-NORTHEAST RIVER – SHOALING

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

VA – MD – POTOMAC RIVER – BONUM CREEK – SHOALING

U. S. Army Corps of Engineers Survey of Bonum Creek indicates shoaling, to less than 4 feet MLLW, in the channel.
Chart 12286

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

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

VA – NANDUA CREEK

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

VA – CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET – VIRGINIA INSIDE PASSAGE - WALLOPS ISLAND – SHOALING

There has been a report of shoaling in the vicinity of Wallops Island Lighted Buoy 2 (LLNR 5520) to a depth of one foot.
Chart 12210

VA – VIRGINIA INSIDE PASSAGE (VIP)

VIP Daybeacon 184 (LLNR 6220) to VIP Daybeacon 265 (LLNR 6580), Shoaling to less than 6ft MLW. HR BNM 106-16, VIP Daybeacon 244 (LLNR 6485), Shoaling to 1 foot. HR BNM 272-14, Sand Shoal Channel Light 1 (LLNR 6990) to Sand Shoal Light 10 (LLNR 6996) LNM 24-13.
Chart 12210, 12224

VA – LYNNHAVEN INLET – SHOALING

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

VA – LYNNHAVEN INLET – LONG CREEK – SHOALING

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

VA – LITTLE CREEK HARBOR – SHOALING

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

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

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

VA – CHESAPEAKE BAY - MATTAWOMAN CREEK – SHOALING

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

VA – HAMPTON ROADS - WILLOUGHBY BAY

The USACE has reported shoaling in Willoughby Channel to 2.6 feet MLLW in the vicinity of Willoughby Channel Buoy 3 (LLNR 10583). Chart 12245

VA – PAGEN RIVER – SHOALING

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

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

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

VA – MOBJACK BAY AND YORK RIVER ENTRANCE – BACK RIVER

A recent NOAA survey identified shoaling to a depth of 8 ft at MLW in Back River between Back River Channel Daybeacon 6 (LLNR 12930) and Back River Channel Light 5 (LLNR 12925). The survey also identified shoaling around Back River Channel Light 4 (LLNR 12920) to a depth of 10ft at MLW. Chart 12222

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

Significant shoaling has been identified from USACOE survey dated 07 Sep 2016 in Davis Creek. Shoaling begins 100 yards south of Davis Creek Warning Daybeacon B (LLNR 14130) to a depth of 4.9 feet extending across the entire length and width of the channel to 150 yards north of Davis Creek Warning Daybeacon D (LLNR 14140) with a minimum identified depth of 1.2 feet. Ref LNM 12/17 Chart 12238

VA – CHESAPEAKE BAY – MOBJACK BAY AND YORK RIVER ENTRANCE - HORN HARBOR

Shoaling has been reported to 1-2 feet extending 50 yards channel ward from Horn Harbor Lighted Buoy 8 (LLNR 14487). HR BNM 182-15 Chart 12238

VA – CHESAPEAKE BAY – YORKTOWN TO WEST POINT - QUEEN CREEK

Shoaling to less the 4 feet has been reported in Queen Creek from Queen Creek Entrance Light 2QC (LLNR 13785) to Queen Creek Daybeacon 10 (LLNR 13820). HR BNM 170-14 Chart 12243

VA – GREAT WICOMICO RIVER – SHOALING

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

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE - MILFORD HAVEN EAST

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

VA – RAPPAHANNOCK RIVER – SHOALING

Rappahannock River mile 60 to 63, Devils Elbow. Shoaling has been reported to a depth of less than 4ft at mean low water along the eastern side of the channel from Horse Head Point to south of Tobys Point extending along the eastern side of Tobys Point to North Bend. HR BNM 051-17, LNM 08/17 Chart 12237

VA - RAPPAHANNOCK RIVER - CORROTOMAN RIVER TO FREDERICKSBURG – GREENVALE CREEK SHOALING

An ACOE Survey of Greenvale Creek Channel indicates shoaling, to a least depth of 1.7 feet MLLW, across the channel from approximately 250 feet North-Northeast of Greenvale Channel Warning Daybeacon A (LLNR 15305) continuing inbound for approximately 880 feet. Ref LNM 50/16 Charts 12237

VA – EASTERN SHORE - CHESAPEAKE BAY – MATTAWOMAN CREEK – SHOALING

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

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

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

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

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

VA - MD - POTOMAC RIVER - PINEY POINT TO LOWER CEDAR POINT - ST. CATHERINE SOUND LOWER ENTRANCE - SHOALING

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

VA - POTOMAC RIVER - YEOCOMICO RIVER - SHOALING

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

VA - POTOMAC RIVER - PINEY POINT TO LOWER CEDAR POINT - BONUM CREEK - SHOALING

Soundings in Bonum Creek indicates shoaling in the channel between Bonum Creek Warning Daybeacon C (LLNR 16885), Bonum Creek Warning Daybeacon D (LLNR 16890), and Bonum Creek Warning Daybeacon E (LLNR 16895). Due to extensive shoaling off Sandy Point Neck, the channel width has been reduced to approx 20ft between Bonum Creek Warning Daybeacons C and D. Mariners are urged to use caution. Chart 12286

VA – UPPER POTOMAC RIVER – POTOMAC CREEK – SHOALING

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

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

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

******NC – OREGON INLET – SHOALING******

Severe shoaling exists spanning the width of the channel inside the bar between Oregon Inlet Buoy 3 (LLNR 27985), Oregon Inlet Buoy 4 (LLNR 27990), and Oregon Inlet Lighted Buoy 6 (LLNR 28003). Depths reported of 4ft MLW IAW most recent USACOE survey. See SEC NC BNM 169-22. Significant shoaling exists between Oregon Inlet Buoy 17 (LLNR 28055) and Oregon Inlet Channel Buoy 21 (LLNR 28070), reducing channel depths to two to three feet at mean low water. Aids to navigation can no longer be configured or maintained to safely mark a passable channel. As such, Oregon Inlet Buoy 17 (LLNR 28055) will be temporarily disestablished and Oregon Inlet Channel Buoy 21A (LLNR 28073) will be discontinued. Oregon Inlet Lighted Buoy 19 (LLNR 28065) and Oregon Inlet Channel Buoy 21 (LLNR 28070) will be re-positioned to mark good water. The coast guard is not closing or otherwise restricting the waterway. Boaters choosing to transit through this channel do so at their own risk and should use extreme caution. See SEC NC BNM 170-22. Charts 12204

NC - HATTERAS INLET - SHOALING

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

NC - BARNEY SLOUGH - SHOALING

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

NC - BIG FOOT SLOUGH - SHOALING

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

NC - OCRACOE INLET - SHOALING

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

NC - TEACHES HOLE CHANNEL - SHOALING

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

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

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

NC - PAMLICO SOUND - CORE SOUND - WAINWRIGHT SLUE - SHOALING

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

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

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

NC - BOGUE INLET - SHOALING

Mariners are advised that significant shoaling has been reported in IVO of Bogue Inlet Lighted Buoy 1 (LLNR 29495), shoaling is encroaching the southwest side of the channel at the entrance of Bogue Inlet. Observed depths as low at 2ft MLW have been identified. Shoaling extends approx 15 yards into the channel. SEC NC BNM 113-22.
Shoaling has been identified from Bogue Inlet Buoy 9 (LLNR 29600) and Bogue Inlet Buoy 12 (LLNR 29615). Depths of 3-4ft at MLW have been observed. Shoaling currently extends across entire width of the marked channel. SEC NC BNM 031-22.
Chart 11541

NC - NEW RIVER INLET - SHOALING

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

*****NC - NEW RIVER - SHOALING*****

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

NC – BOGUE SOUND – SHOALING

Shoaling has been reported between Bogue Sound Daybeacon 10 (LLNR 38875) and Bogue Sound Daybeacon 14 (LLNR 38895). Survey indicates depths as low as 5FT MLW encountered in channel center and depths as low as 4FT have been reported. Depths close to channel markers may be less. Conditions may change rapidly and mariners are advised to transit the area with caution. The most recent ACOE survey can be found here:

<https://www.saw.usace.army.mil/missions/navigation/hydrographic-surveys/aiww>

Chart 11541

NC – LENOXVILLE POINT – TAYLOR CREEK – SHOALING

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

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

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

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

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

Chart 11541

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

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

Chart 11541

NC – OLD TOPSAIL CREEK – SHOALING

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

Chart 11541

NC – BANKS SLOUGH CHANNEL – SHOALING

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

Chart 11541

NC - CAROLINA BEACH INLET – SHOALING

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

Chart 11534

NC – NEW RIVER – CAPE FEAR RIVER – SHOALING

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

Chart 11537

NC – LOCKWOODS FOLLY INLET – SHOALING

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

Chart 11534

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

Enclosure (2)

Updated May 24, 2022

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

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

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

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

A copy of **Preliminary Public Notice D05PPN-05-2022**, which describes the proposal in detail, can be obtained by calling (757) 398-6557 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than **July 5, 2022**. (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 – All interested parties are notified that an application dated April 19, 2022, has been received from the New Jersey Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for construction of a new highway fixed bridge over a navigable waterway of the United States.

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

CHARACTER OF WORK: The proposed project is to provide a modernized and improved Bridge along with drainage improvements that reduces the majority of road closures due to flooding. The existing 5-span bridge will be removed in its entirety and replaced with a 3-span continuous bridge with similar roadway and bridge profile. The existing fixed bridge has a horizontal clearance of 58 feet and a vertical clearance of 14 feet above mean high water. The replacement bridge will be a fixed bridge with a horizontal clearance of 60 feet and a vertical clearance of 14.73 feet above mean high water.

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

- **Pennsylvania**

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

Darby Creek – S.R. 420 (Wanamaker Avenue) - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on December 13, 2018; vertical clearance of 11 feet above mean high water and a horizontal clearance of 78 feet. (MT)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **Maryland –**

Potomac River – Governor Harry Nice Memorial Bridge – 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)

SECTOR NORTH CAROLINA

- **North Carolina**

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

The Straits – Harkers Island Bridge – 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 Aydtlett (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)

Regulations:

SECTOR DELAWARE BAY

- **Delaware** – None
- **New Jersey (Central & Southern)** –
Rancocas Creek - US Route 543 (Riverside-Delanco) Bridge Mariners are advised that a temporary deviation has been approved by the Coast Guard to test the seasonal operating regulation of the US Route 543 (Riverside-Delanco) Bridge across Rancocas Creek, mile 1.3, at Burlington County, NJ. The bridge will be maintained in the closed-to-navigation position from 7 a.m. to 3 p.m., and from 8 p.m. to 11 p.m., Monday through Friday, from 7 a.m. to 1 p.m., and from 8 p.m. to 11 p.m., Saturday and Sunday, and from 11 p.m. to 7 a.m., daily, from May 4, 2022, through October 15, 2022. The vertical clearance of the bridge in the closed-to-navigation position is 4 feet above mean high water. Vessels able to safely pass through the bridge in the closed-to-navigation position may do so at any time. The bridge will be able to open in case of an emergency and there is no immediate alternate route for vessels to pass. This deviation will test whether a permanent change to the schedule is needed and to solicit comments from the public regarding these proposed changes. Comments will be received for the record identified by the docket number USCG-2022-0221 using Federal Decision Making Portal at <http://www.regulations.gov>; and must be submitted on or before August 1, 2022. At all other times the bridge will operate per 33 CFR 117.745 (b). (MS)

- **Pennsylvania** – None

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **Washington, DC & Virginia (Northern)** – None
- **Maryland** – None

SECTOR VIRGINIA

- **Virginia (Southern)** - None

SECTOR NORTH CAROLINA

- **North Carolina** – None.

Construction, et al:

SECTOR DELAWARE BAY

- **Delaware**
Christina River - Bridge 1-159 (James Street) Bridge – Bridge maintenance will be performed from 7 a.m. to 5 p.m., from July 1, 2021, to March 31, 2023. To facilitate maintenance, a work skiff and a 70ft X 70ft work barge will be operating outside the navigable channel, secured to the bridge piers and will not impact navigation. Mariners are urged to use caution while transiting the area. (MS)

Broadkill River - Bridge 3-155 N&S (SR 1/SR 14/Coastal Highway) Bridge – Modification activities, which began October 2021, are expected to be finished on May 30, 2022. Work is and will be on-going 24-hours per day, seven days a week. The project will involve replacement of the deck and steel superstructures of the fixed highway bridge; make minor modifications to the supporting concrete piers to support the new superstructures; replace the existing pile jackets at all piers; replace the existing riprap on the slopes to stabilize the embankments; complete minor approach highway work to tie the roadways into the new bridge decks; and bridge painting. The modified bridge will be a fixed bridge with a horizontal clearance of 50 feet and a vertical clearance of 16.5 feet above mean high water. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Crane barges, material barges, support vessels and crew boats are and will be operating or stationed in and around the vicinity of the existing bridge during the duration of the project. During the modification period through April 1, 2022, the horizontal clearance of the bridge will be reduced to approximately 20 feet, at all other times the clearances of the bridge will be unrestricted. Vessels that can transit through the bridge during periods of reduced horizontal clearance due to the work barges, may safely transit through the bridge, if at least a one-hour prior notice is given to the project foreman. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. R.E. Pierson Construction Co., Inc.'s work vessels and barges are and will continue to monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The DelDOT Resident Engineer may be contacted at (302) 853-1349 or (302) 542-3590 and R.E. Pierson Construction Co., Inc.'s project foreman may be contacted at (609) 743-7167 or (609) 743-0092. (MT)

Lewes and Rehoboth Canal - Lewes Railroad Swing Bridge - A cofferdam was installed February 22, 2022, the fender piled and pier are anticipated to be removed by April 1, 2022. Due to fisheries time of year restriction the cofferdam will be removed October 7, 2022. Horizontal clearance of the canal will be constricted by approximately 5 feet until October 7, 2022. Mariners should use caution when transiting the area. (CT)

Delaware River - Delaware Memorial Bridge – Ongoing bridge painting through October 2022. Work platforms have been installed, reducing the available vertical clearance by approximately five feet from 175 feet to 170 feet, above mean high water. Mariners should use extreme caution when transiting the area. (CT)

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

C&D Canal - Reedy Point Bridge and Summit Bridge -Reedy Point, New Castle County DE and in Chesapeake City MD, respectively. To facilitate painting operations, equipment has been installed, reducing the available vertical clearance by two feet to approximately 133 feet, above mean high water. The northern half of the span's clearance will be reduced to 133 feet above mean high water from May 16, 2022, to June 17, 2022, and the southern half will be reduced from June 20, 2022, to July 21, 2022. Mariners should check for future notices on this project and should use extreme caution when transiting the area. (MS)

New Jersey (Central & Southern)

Delaware River – Commodore Barry (fixed) Bridge – Repainting of the main (cantilever) truss span, signal gantries, steel barriers along the entire bridge, and water tower will continue through 2023. Work platforms will be installed, reducing the available vertical clearance by 3 feet, reducing the clearance from 190 feet to 187 feet above mean high water. Mariners should exercise caution when transiting the area. (KB)

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), Barnegat Bay - SR 37 (J. Stanley Tunney) (fixed) Bridge – Bridge maintenance will be conducted from 7 a.m. to 3:30 p.m.; Monday-Friday; from October 25, 2021, through December 23, 2023. A 54-foot crane barge, a 40-foot material barge, a 24-foot work barge with push boat, float stages and divers will be located around the vicinity of the bridge. Vessels may safely transit through the navigational channel of the bridge unrestricted at all times. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (609) 941-9677 or (609) 331-2096. Mariners should use caution navigating through the area. (MT)

Oldmans Creek - I-295 Bridge – Bridge maintenance will be conducted from 6 a.m. to 5 p.m.; Monday-Friday; from March 21, 2022, through September 30, 2022. A 21-foot work vessel and three four-foot floats and a team of divers will be located in and around the vicinity of the bridge. During the work hours, the work vessel, floats and divers will be in the navigational channel which will reduce the horizontal clearance of the bridge to approximately 25 feet. Vessels that can safely transit through the bridge during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge during periods with a reduced horizontal clearance may safely transit through the bridge, if at least a one-hour prior notice is given to the project foreman. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (609) 477-6290 or (856) 298-2353. Mariners should use extreme caution navigating through the area. (MT)

Delaware River - US 322 (Commodore Barry) Bridge – Bridge maintenance will be conducted from 6 a.m. to 2:30 p.m.; Monday-Friday; from March 14, 2022, through October 3, 2022. Several work boats and work platforms will be located around the vicinity of the bridge. Maintenance personnel and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (856) 472-5714 or (609) 707-7439. Mariners should notify the work foreman no less than thirty minutes prior to transiting through the bridge. Mariners should use caution navigating through the area. (MT)

Wading River - Burlington Highway Bridge (CR 542) – Bridge maintenance will be performed from 7 a.m. to 3:30 p.m., Monday – Friday, from May 2, 2022, until November 30, 2022. To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 7 a.m. on May 2, 2022, until repair of the counterweight struts is completed and from 7 a.m. to 3:30 p.m., Monday – Friday, until November 30, 2022. The bridge will not be able to open for emergency vessels until repair of the counterweight struts is completed. Once the counterweight struts are repaired, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.759. During work hours, the horizontal and vertical clearances of the bridge will be reduced to zero. Mariners should adjust their transits accordingly and use extreme caution when transiting the area. (CT)

Pennsylvania –

Schuylkill River - Grays Ferry Railroad Bridge – Modification activities, which began June, 2018, will recommence on April 4, 2022, and are expected to finish on June 3, 2022. Work will be performed from 7 a.m. to 3:30 p.m.; M-F. During this bridge modification project, the eastern navigation span will be occupied; the western navigation span will be open for vessels to transit. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. The new bridge will have a vertical clearance of 26 feet above mean high water in the closed-to-navigation position, an unlimited vertical clearance in the open position, a horizontal clearance of 75 feet in the western navigation span, and 65 feet in the eastern navigation span. Detailed project information and information concerning the waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Crane barges, material barges, and support vessels will be operating or stationed in the vicinity of the existing bridge. A.P. Construction Inc.'s vessels are monitoring VHF-FM channels 13 and 16 when working or vessels are operating. The City of Philadelphia construction manager may be contacted at 215-275-8066 and A.P. Construction, Inc.'s project foreman may be contacted at 215-651-6278 or 215-421-2880. (MT)

Delaware River - US 322 (Commodore Barry) Bridge – Bridge maintenance will be conducted from 6 a.m. to 2:30 p.m.; Monday-Friday; from March 14, 2022, through October 3, 2022. Several work boats and work platforms will be located around the vicinity of the bridge. Maintenance personnel and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (856) 472-5714 or (609) 707-7439. Mariners should notify the work foreman no less than thirty minutes prior to transiting through the bridge. Mariners should use caution navigating through the area. (MT)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

• **Maryland**

Lower Potomac River - Harry W. Nice/Thomas "Mac" Middleton (US 301) Bridge - Construction will commence in May 2020, with completion estimated in November 2024. Work is scheduled from 7:00 a.m. to 7:00 p.m., Monday through Saturday, with limited work outside these hours for special operations. To facilitate bridge construction, a barge loading facility will be constructed on the Maryland shore and work trestles will be located north of the existing bridge extending outward from the Virginia shore to approximately 320 feet and from the Maryland shore to approximately 200 feet. Dredging will occur from the end of the Virginia work trestle until the water depth reaches 6 feet at mean lower low water. A vertical clearance of 135 feet above mean high water and horizontal clearance of 250 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. (KB)

Lower Potomac River - Harry W. Nice/Thomas "Mac" Middleton (US 301) Bridge – To facilitate the setting of structural steel across the federal navigation channel at the new bridge the Coast Guard will establish a temporary safety zone for certain navigable waters of the Potomac River, during **January 21, 2022 – February 4, 2022**. At all times during this period, a large crane barge is required to be positioned within the federal navigation channel. The critical heavy lift operations will impede vessels requiring the use of the channel in this area. The safety zone will cover all navigable waters of the Potomac River, encompassed by a line connecting the following points beginning at 38°21'50.96" N, 076°59'22.04" W, thence south to 38°21'43.08" N, 076°59'20.55" W, thence west to 38°21'41.00" N, 076°59'34.90" W, thence north to 38°21'48.90" N, 076°59'36.80" W, and east back to the beginning point, located between Charles County, MD and King George County, VA. These coordinates are based on datum NAD 83. The safety zone will be enforced continuously, from 7 a.m. on January 21, 2022, through 8 p.m. on February 4, 2022. Under the general safety zone regulations in subpart C of 33 CFR part 165, except for marine equipment operated by Skanska-Corman-McLean, Joint Venture, or its subcontractors, you may not enter the safety zone described unless authorized by the *Captain of the Port* Maryland-National Capital Region (COTP) or the COTP's designated representative. To seek permission to enter, contact the COTP or the COTP's representative by telephone number 410-576-2693 or on Marine Band Radio VHF-FM channel 16. Those in the safety zone must comply with all lawful orders or directions given to them by the COTP or the COTP's designated representative. The U.S. Coast Guard may be assisted in the patrol and enforcement of the safety zone by Federal, State, and local agencies. Vessel traffic not required to use this section of the federal navigation channel may be able to safely transit around the safety zone under the next bridge span to the east or the west of the federal navigation channel, but do so at their own discretion. A "bridge work—danger—stay AWAY" sign facing the northern and southern approaches of the navigation channel will be posted on the sides of the marine equipment on-scene within the location described. The Coast Guard will issue a Broadcast Notice to Mariners via VHF-FM marine band radio about the status of the safety zone. Interested persons can contact U.S. Coast Guard Sector Maryland-NCR Waterways Management Division at telephone number (410) 576-2674 or (410) 576-2693. (KB/RH)

Susquehanna River - I-95 (Millard E. Tydings Memorial/John F. Kennedy Memorial Highway) Bridge – Bridge maintenance will be conducted from 7 a.m. to 5 p.m.; Monday-Friday; from June 15, 2021, through April 6, 2023. A 60 x 60 foot crane barge, a 34 x 90 foot work barge, and a work vessel will be located in and around the vicinity of the bridge. During the work hours, the crane barge and work barge will be located in and around the main navigation span of the bridge, which will reduce the horizontal clearance of the main navigation span to approximately 390 feet of horizontal clearance, and/or, will be located in one of the adjacent alternative navigation spans of the bridge, reducing the horizontal clearance of the adjacent alternative navigation span to approximately 330 feet of horizontal clearance. Maintenance personnel, equipment and vessels will relocate from the main navigation span and/or adjacent alternative navigation spans, upon request. Vessels that can safely transit through the main navigation span and/or the adjacent navigation span of the bridge during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge main navigation span and/or adjacent alternative navigation span during periods with a reduced horizontal clearance may transit through the bridge spans may do so if at least a two-hour prior notice is given to the project foreman. During non-work hours the crane barge and work barge will be spudded or tied parallel to the pier. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (484) 798-3224. Mariners should use caution navigating through the area. (MT)

Spa Creek - MD181 (6th Street) Bridge – Bridge inspection will be on Wednesday, June 1, 2022, from 9 a.m. to 3 p.m. During this inspection, one work vessel and a snoop truck will be located in and around the navigation channel. Inspection personnel, equipment and the vessel will relocate from the navigable channel, if at least a 10-minute notice is given. Vessels able to safely pass through the bridge in the closed position may do so, after receiving confirmation from the bridge tender that it is safe to transit through the bridge. Work vessel and bridge tender may be reached on VHF-FM channel 13. The project manager may be reached at (410) 935-9280. Mariners should use caution navigating through the area. (CT)

C&D Canal - Reedy Point Bridge and Summit Bridge - Reedy Point, New Castle County DE and in Chesapeake City MD, respectively. To facilitate painting operations, equipment has been installed, reducing the available vertical clearance by two feet to approximately 133 feet, above mean high water. The northern half of the span's clearance will be reduced to 133 feet above mean high water from May 16, 2022, to June 17, 2022, and the southern half will be reduced from June 20, 2022, to July 21, 2022. Mariners should check for future notices on this project and should use extreme caution when transiting the area. (MS)

- **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 into 2022. The work is primarily being conducted Mondays through Saturdays, between 7 a.m. and 7 p.m., with intermittent night and Sunday work. The federal navigation channel east of the original center pier, approximately 150 feet wide, remains available for navigation. Exclusion buoys labelled "DANGER" mark the active and ongoing bridge work east and/or west of the Federal Channel. Floating turbidity curtain and buoys are positioned around the old piers being demolished and supported by lit temporary piles. To support active demolition construction operations, a vessel/barge may be intermittently positioned within the east navigable channel. During these periods, the federal navigation channel to the west of the original center pier, approximately 150 feet wide, will be available to navigation. Mariners intending to transit this area are urged to contact the vessels MS. BECKY or CLAIRE MARIE for passing arrangements. Marine equipment on site includes a crew boat, a push boat, and multiple deck barges. All equipment will be marked and lighted as required by U. S. Coast Guard regulations. Mariners are urged to use extreme caution when transiting the area, and to operate at minimum speed necessary to maintain safe course that minimizes wake near the work site. Interested mariners can contact the vessel MS. BECKY or vessel CLAIRE MARIE via VHF-FM channels 16 and 13 when actively working on the river. (CT)

- **Virginia (Northern) – None.**

SECTOR VIRGINIA

- **Virginia (Southern)**

Lafayette River - US 460 (Granby Street) Bridge – Bridge maintenance which began in September 2020, will continue to be conducted from 7 a.m. to 5:30 p.m.; 7 days a week; through October 8, 2022. A 20-foot safety vessel and work a platform will be in and around the vicinity of the bridge. The work platform will be located underneath the bridge, positioned adjacent to the bridge pier behind the bridge fender system as to not impede the navigational channel. Maintenance vessels will relocate from the navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (757) 920-6454 or (804) 229-1669. Mariners should use caution navigating through the area. (MT)

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@hrcpiv.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 2023. Marine construction activity will take place 24-hours per day, seven days a week. The project will involve widening the existing two-lane eastbound and westbound structures into two four-lane structures. This will be done by constructing an additional vehicular lane on each side of the existing eastbound structure and constructing an additional vehicular lane on each side of the existing westbound structure. The modified bridge will be a fixed bridge with a horizontal clearance of 50 feet and a vertical clearance of 25 feet above mean high water. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new bridge spans or located within the specific Mooring/Safe Harbor area.

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

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

Communications: Hampton Roads Connector Partners tugs and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the project area. To reach an on-scene manager, contact Eric Satterwaite 484-477-2108. You may also contact Hampton Roads Connector Partners at 757-536- 9863 and/or email MarineOps@hrcpiv.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)

South Branch of the Elizabeth River - I-64 High Rise Bridge – Placement of structural steel over the navigation span of the bridge is scheduled from 6 a.m. to 6 p.m. on March 4, 2022. The waterway through the bridges (existing bascule drawbridge and fixed bridge under construction) will not be accessible during placement of the structural steel over the navigation span. 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 bulletin. Mariners are urged to use caution when transiting the area. (KB)

North Landing River - S165 (North Landing Bridge) – Bridge will not be capable of normal operation until further notice. The north span of the bridge is fully operational and the south span of the bridge will have limited operational capabilities. The drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations 117.1021, except for recreational vessels. Recreational vessels able to safely transit through the north span of the bridge with a horizontal clearance of approximately 38 feet should request a limited opening (north span). Recreational vessels unable to safely transit through the north span of the bridge with a horizontal clearance of approximately 38 feet should request a full opening (both spans). Public vessels of the United States, commercial vessels, government vessels, and emergency vessels may transit through the bridge unrestricted at any time in accordance with the operating regulations set out in Title 33 Code of Federal Regulations 117.1021. The bridge will be able to open for emergencies. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations 117.1021. Mariners should adjust their transits accordingly and should use extreme caution when transiting the area. (MT)

Elizabeth River-Eastern Branch - U.S. 460/S.R. 337 (Berkley) Bridge – Bridge maintenance will be performed from 7 a.m. to 7 p.m., Monday – Friday, until July 4, 2022. A work barge and tug will be located in and around the vicinity of the bridge. Maintenance personnel and vessels will relocate from the navigable channel, if given at least a 30 minute notice. Work vessels may be reached on VHF-FM channel 13 and 16. Mariners should use extreme caution navigating through the area. (CT)

SECTOR NORTH CAROLINA

- North Carolina

Oregon Inlet - Herbert C. Bonner Bridge – Demolition of the old bridge is anticipated to be completed by April 30, 2022. During demolition of the old bridge, the designation of navigation spans and placement of bridge lighting will be changed several times, as reflected below, and provided via updated local notice to mariners and broadcast notice to mariners. Phase 2 (Effective April 24, 2019): The navigation spans are between bridge bents 173 and 176 (old bridge, with no superstructure between bridge bents) and bridge bents 20 and 21 (span 21) on the new bridge. The approximate limiting navigation clearances are 70 feet above mean high water (new bridge, span 21) and 169 feet between bridge bents (old bridge, between bridge bents 173 and 176). Temporary bridge lighting has been placed between bridge bents 173 and 176 of the old bridge and between bridge bents 20 and 21 (span 21) of the new bridge. Phase 3 (to be announced): The navigation span will be between bridge bents 22 and 23 (span 23) of the new bridge. The adjacent spans of the old bridge will have been removed. The limiting navigation clearances (approximate) will be 70 feet above mean high water and 275 feet between bridge bents. Permanent bridge lighting will be placed between bridge bents 21 and 22 (span 22) of the new bridge. Mariners are advised to use extreme caution when transiting through the bridge, follow the aids to navigation closely and remain at least 500 feet clear of all construction vessels and equipment. Submerged concrete pilings are just below the surface of the water near construction activities. (HP)

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

Atlantic Intracoastal Waterway (AIWW) - SR 904 Bridge – Bridge maintenance will be conducted from Sunday night to Friday morning; from June 1, 2021, through May 1, 2022. During these maintenance periods, two work vessels, work floats, and a snooper truck will be located in and around the navigation channel. During work hours, the snooper truck will extend below low steel of the bridge approximately ten feet, reducing the vertical clearance in the navigation span to approximately 55 feet above mean high water. Maintenance personnel, equipment and the vehicle will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman may be reached at (571) 287-9269 or (703) 598-1847. Mariners should notify the work foreman no less than 30 minutes prior to transiting through the bridge. Mariners should use caution navigating through the area. (CT)

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)

Smith Creek - SR 2812 (S117-133/Castle Hayne Road - Bridge construction activities will begin on December 1, 2021, and are expected to finish on April 2, 2023. Work will be on-going from 7 a.m. through 6 p.m.; Monday through 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 material barge, support vessel, and crew boat will be operating or stationed in the vicinity of the existing and new bridge. Temporary work trestles will also be constructed adjacent to the existing and new bridge. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. Civil Works Contracting barge and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The NCDOT Resident Engineer may be contacted at (910) 620-9829 and Civil Works Contracting may be contacted at (252) 240-9967 or (910) 279-4321. (MT)

Atlantic Intracoastal Waterway - Onslow Beach Swing Bridge – Temporary work platforms will be installed on either side of the AICW, just north of the bridge. The 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. (CT)

Banks Channel - South Bank Channel Bridge – Bridge maintenance will be performed from 6 a.m. to 7 p.m., 7 days a week, from January 3, 2022, through August 17, 2022. 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. (CT)

Perquimans River - US 17 Bridge – New bridge is under construction until August 2022. Vessels able to pass through the bridge in the closed position may do so at any time. Mariners should exercise caution when transiting the area. (HP)

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 – WILMINGTON TO PHILADELPHIA – OLDMANS CREEK – DREDGING

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

Pennsylvania

PA – SCHUYLKILL RIVER – DREDGING AND CONSTRUCTION

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

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

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

Delaware

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

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

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

All mariners are requested to stay clear of the dredge, booster, floating (pontoon) and submerged pipelines, barges, derricks and operating wires about the dredge. Operators of vessels of all types should be aware that the dredge and floating pipelines are held in place by cables, attached to anchors some distance away from the equipment. Buoys are attached to the anchors so that the anchors may be moved as the dredge advances and the location of the submerged pipelines are marked by buoys on each side of the channel. Mariners are cautioned to strictly comply with the Inland Rules of the Road when approaching, passing and leaving the area of operations, and remain a safe distance away from the dredge, booster, buoys, cables, pipelines, barges, derricks, wires and related equipment.

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

Chart 12311.

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

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

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

All mariners are requested to stay clear of the dredge, booster, floating (pontoon) and submerged pipelines, barges, derricks and operating wires about the dredge. Operators of vessels of all types should be aware that the dredge and floating pipelines are held in place by cables, attached to anchors some distance away from the equipment. Buoys are attached to the anchors so that the anchors may be moved as the dredge advances and the location of the submerged pipelines are marked by buoys on each side of the channel. Mariners are cautioned to strictly comply with the Inland Rules of the Road when approaching, passing and leaving the area of operations, and remain a safe distance away from the dredge, booster, buoys, cables, pipelines, barges, derricks, wires and related equipment.

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

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

Maryland

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the Tangier Sound, VA from 6/1/22 thru **7/15/22** for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°54'17"N / 75°56'40"W; 37°55'15"N / 75°58'25"W; 37°52'25"N / 75°55'48"W; 37°52'10"N / 75°55'36"W; 37°51'58"N / 75°55'34"W; 37°51'40"N / 75°55'26"W; and 37°51'38"N / 75°55'40"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring vhf-fm channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12228

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the Pocomoke Sound, VA from 6/1/22 thru **7/15/22** for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°56'59"N / 75°42'35"W; 37°56'48"N / 75°43'00"W; 37°56'40"N / 75°44'29"W; 37°56'14"N / 75°45'00"W; 37°55'25"N / 75°44'45"W; and 37°44'55"N / 75°51'37"W.

The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12228

MD – BALTIMORE HARBOR – SEAGIRT BERTH 3 –DREDGING OPERATIONS

Corman Kokosing Construction Company will begin dredging operations, on behalf of Ports America, will commence on or about March 15, 2021 at Seagirt Berth 3, in the vicinity of 39°14'10" N, 076°32'40" W. Loaded scows will be towed from this location to the Unloader "SN3" located at the Masonville Dredge Containment Facility (39°15'10" N, 076°35'20" W) for offloading on a daily basis. A 16" submerged HDPE pipeline will be placed on the sea bottom from the Unloading Barge into the placement Facility, located in the vicinity of 39°15'15" N, 076°35'30" W.

The Dredge KOKO VI will be dredging the area with the assistance of a Tender Tug, Towing Tug, and three scows. Temporary emergency anchors will be placed near the Unloader #3, in the vicinity of 39°15'40" N, 076° 35'00" W and near Seagirt in the vicinity of 39°15'00" N, 076° 33'00" W to assist with operations.

All vessels and crew will monitor VHF channels 13 and 5 during the project execution. Dredging and unloading operations will continue daily until the estimated completion date of **June 1, 2022**. For more information, contact Adam Donder, (443) 695-3788, adondero@kokos.com.

Chart 12281.

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

Maintenance dredging operations are scheduled to occur within the Baltimore Harbor and Approaches federal navigation projects, from on or about **March 2, 2022 until on or before July 20, 2022**, 24 hours daily (Monday through Sunday). Cashman Dredging and Marine Contracting Co., LLC will perform the work in the Baltimore Harbor Channels, including Craighill Entrance Channel, Cutoff Angle, and Fort McHenry Channel. Bar dragging operations will be conducted in the Northwest Harbor East Channel. Marine equipment will be located throughout the dredging work areas during operations, utilizing the 180-foot long Clamshell Dredge DALE PYATT. Dredged material will be transported in the dump scows JOE VERROCHI, M.E.R.C. SHEVLIN, KURT SCHULTE and WEEKS 118 to the Northern Access Channel Turning Basin at Poplar Island in Talbot County, MD for placement by the off-loader barge KRAKEN. Loaded scows from the Fort McHenry Channel will be transported to the Cox Creek Dredged Material Containment Facility in Baltimore Harbor for placement by the off-loader barge KRAKEN. Towing vessels involved include the CHARLES JAMES, MICHAEL DAIGLE, JOHN JOSEPH, BERING DAWN and MISS ILA. The marine equipment will be accompanied by the survey vessel CAPE ELIZABETH and support vessel BROOKS HOOKS. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. Mariners can contact the vessels on marine band radio VHF-FM channels 16, 13 and 67. Charts 12278, 12281, 12270.

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

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

MD – CURTIS BAY – FUEL PIER CONSTRUCTION

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

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

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

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

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

VA – POTOMAC RIVER – ALEXANDRIA CHANNEL – CONSTRUCTION

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

DC

None

Virginia

VA – CHESAPEAKE BAY ENTRANCE – CHESAPEAKE CHANNEL –DREDGING

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

VA – CHESAPEAKE BAY – THIMBLE SHOAL CHANNEL – DREDGING

Great Lakes Dredge & Dock Company, LLC (GLDD) with the hopper dredge M/V ATB Douglas B. Mackie & Trailing Suction Hopper Dredge Ellis Island will commence dredging operations in the Thimble Shoal Channel between coordinates point A, 36.9741369°N,-076.1185955°W, point B, 36.9775353°N,-076.1172310°W, point C, 36.9534965°N, -076.0243938°W, point D, 36.9500990°N,-076.0257621°W on approximately April 18, 2022. Dredged material will be transported to DAM NECK OFFSHORE DISPOSAL SITE and bottom dumped in the contact designated area by the dredge. Disposal will take place between Point I, 36.7744462°N,-075.9049262°W, Point J, 36.8128988°N,-075.9049260°W, Point K, 36.8128974°N,-075.8878462°W, Point L, 36.7744449°N,-075.8878549°W. Operations occur 24 hours per day, 7 days per week. Great Lakes Dredge & Dock Company, LLC (GLDD) will commence pipeline mobilization activities on or around April 18th, 2022. Mobilization activities will include towing attendant plant and pipeline rafts approx. 780ft in length by approx. 40ft in width from Chesapeake, VA via the Elizabeth River to GLDD Waterside Staging Area #1 and #2 located next to Craney Island. The rafts of pipeline will be assembled at this staging area #1 and #2 location between Staging Area #1 Point I; 36.92487664N,-076.35458739W, Point J; 36.92527221N,-076.34923186W, Point K; 36.9111373N,-076.34671442W, Point L; 36.91040629N,-076.35209284W, Staging Area #2 location between Point M; 36.9297360N,-076.3792001W, Point N; 36.9294586N,-076.3614177W, Point O; 36.9250782N,-076.3613845W, Point P; 36.9254286N,-076.3795746W. Equipment will be anchored and lighted within the staging area, boaters should avoid this area, boaters should avoid this area.

Great Lakes Dredge & Dock Company, LLC (GLDD) will commence pipeline installation activities on or around May 20th, 2022. Installation activities will include towing attendant plant and pipeline sticks approx. 780ft in length from GLDD's Waterside Staging Areas #1 and #2 located next to Craney Island to the beach landings on Ocean Park Beach. The operations will involve tug boats and other attendant plants being close to the shoreline, with lighted and marked pipeline being between the shoreline and the towing tugs. While the pipeline is installed, it will be submerged on the ocean floor (but visibly marked with lighted can buoys) until emerging on shore, with a booster (for sublines 1 and 4) anchored in place, and a dredge hookup at the waterside end of the pipeline. A table listing the planned Lat/Long coordinates for the subline landing/booster/dredge hookup is shown below. Boaters are advised to avoid these areas during the installation process and proceed with caution around submerged pipeline area.

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

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

Chart 12256.

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

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

Charts 12222.

VA – CHESAPEAKE BAY – THIMBLE SHOAL CHANNEL – DREDGING

Starting approximately **April 20, 2022** and continuing until approximately **June 25, 2022**, Weeks Marine Inc. will be mobilizing equipment in the vicinity of Chesapeake Bay, City of Norfolk, Virginia. Starting approximately **April 25, 2022** and continuing until approximately **June 10, 2022**. The Clamshell Dredge "Weeks 506", Weeks "320 Unloader", crew boats: "Timothy V." "Swift runner", Tugs: "Shannon Dann" "Liz Alma", Scows (110, 111 & 112) and tender tugs: "Stephen Dann", "Virginia" will be operating in the vicinity of the Chesapeake Bay. All dredged material will be towed and pumped through a combination of floating and submerged line into the approved Craney Island Dredged Material Management Area (CIDMMA).

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

36°58'36.92"N, 76° 6'38.73"W

36°58'31.05"N, 76° 6'17.10"W

36°58'12.83"N, 76° 6'24.32"W

36°58'19.19"N, 76° 6'46.66"W

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

36°55'7.65"N, 76°21'15.22"W

36°55'12.31"N, 76°20'29.89"W

36°54'37.60"N, 76°20'23.22"W

36°54'32.80"N, 76°21'8.47"W

Once underway, dredging operations will continue on a twenty-four (24) hours per day, seven days per week basis. The bucket dredge and tugboats will monitor marine VHF channels 13 and 16. Mariners are urged to use extreme caution and transit the area at their slowest safe speed to create minimum wake after passing arrangements have been made. Pipeline and equipment will each have all required U.S. Coast Guard lighting for night operations.

For questions, contact **Dave McNeill - (985) 237-5069 (mobile)**, dcmcneill@weeksmarine.com (email).

Chart 12256.

VA – CHESAPEAKE BAY – THIMBLE SHOAL CHANNEL – DREDGING

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

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

37° 1'35.24"N, 76°15'57.82"W

36°59'11.10"N, 76° 6'41.27"W

36°57'37.50"N, 76° 7'8.25"W

36°59'53.72"N, 76°16'36.67"W

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

36°51'41.07"N, 75°55'41.74"W

36°51'45.15"N, 75°51'16.40"W

36°45'47.19"N, 75°50'54.07"W

36°45'45.72"N, 75°55'33.04"W

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

Chart 12256.

VA – LYNNHAVEN BAY – LINKHORN BAY – BRIDGE CONSTRUCTION

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

VA – HAMPTON ROADS – ELIZABETH RIVER – NAVAL STATION NORFOLK – DREDGING

Curtin Maritime (CMC) will be conducting dredging activities commencing on or about February 7, 2022 and conclude on or about **May 30, 2022** within Naval Station Norfolk. During this time, CMC will be operating 24 hours per day / 7 days per week (Monday through Sunday). Material will be dredged from within Pier 11S, Pier 6 North and Pier 5 North into hopper barges that will transit the Elizabeth River to be offloaded into the Craney Island Dredge Management Material Area and return to NSN. Barges will also depart from Pier 11S and transit the James River to Shirley Plantation for offload then return to NSN. Equipment for this operation will consist of 1 Clamshell Dredge, 6 Hopper Scows, Support Tugs: Taurus, Merrimac, Bunny C, and 1 Offloader Spud Barge.

All manned equipment will monitor VHF-FM Channels 13, 14 and 01A. Mariners are urged to transit at their slowest safest speed to minimize wake and proceed with caution after passing arrangements have been made.

For more information, contact Mr. Mike Patria at (630-418-1190).

Chart 12245.

VA – ELIZABETH RIVER – WESTERN BRANCH – BRIDGE CONSTRUCTION

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

VA – ELIZABETH RIVER – EASTERN BRANCH – PIER CONSTRUCTION

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

Chart 12253.

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

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

Chart 12253.

VA – ICW – ELIZABETH RIVER SOUTHERN BRANCH – DREDGING

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

Chart 12206.

VA – NEWPORT NEWS TO JAMESTOWN ISLAND – DREDGE OPERATIONS

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

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

Charts 12273, 12274, 12280.

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

Mariners are advised that H&L contracting will be conducting dredging operations in the **Lower James River, VA** from **6/1/22 thru 7/15/22** for the purpose of harvesting oyster shells. Work hours are 24 hours a day, 7 days a week. A mooring buoy will be anchored south-west of the dredging area to create an additional anchorage for three (3) 260' x 50' barges and three (3) 140' x 35' barges. The anchorage area will be at **approximately 36° 56' 57" N / 76° 26' 9" W**. All vessels will be marked and lighted in accordance with uscg regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12248

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru 7/15/22 for the purpose of harvesting oyster shells. Work hours are 24 hours a day, 7 days a week. There will be one 200' x 50' dredge (vessel name: oyster bay), one 260' x 50' barge (un-named) for oyster shells, one 140' x 35' barge (un-named) for oyster shells; a 60' tug boat (vessel name: goose creek) a 40' x 14' push boat (vessel name: Menemsha), skiff (un-named), and other support vessels. The work area will be a square with corners at 36°57'22"N / 76°26'53"W and 36°57'00"N / 76°27'00"W and 36°56'12"N / 76°45'25"W and 36°55'50"N / 76°25'50"W. The dredge Oyster Bay will be spudded in place and other vessels moored to the dredge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area. Chart 12248

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

Mariners are advised that H&L contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru 7/15/22 for the purpose of harvesting oyster shells. Work hours are 24 hours a day, 7 days a week. A mooring buoy will be anchored south-west of the dredging area to create an anchorage for three (3) 260' x 50' barges and three (3) 140' x 35' barges. The anchorage area will be at approximately 36°56'30"N / 76°26'10"W. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area. Chart- 12248

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

Mariners are advised that H&L contracting will be conducting dredging operations in the lower James River, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°01'17"N / 76°29'17"W; 37°00'41"N / 76°27'55"W; 36°59'25"N / 76°31'06"W; and 36°56'03"N / 76°27'04"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area. Chart- 12248

VA – JAMES RIVER – SKIFFES CREEK CHANNEL – DREDGING

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

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

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

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

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

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the Piankatank River and Chesapeake Bay, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°32'01"N / 76°23'04"W; 37°31'36"N / 76°20'52"W; 37°30'51"N / 76°19'38"W; 37°31'50"N / 76°14'59"W; and 37°30'28"N / 76°14'41"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12237

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

Mariners are advised that H&L Contracting will be conducting dredging operations in the lower Rappahannock River, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°40'02"N / 76°28'37"W; 37°36'55"N / 76°18'42"W; 37°36'39"N / 76°18'19"W; 37°36'30"N / 76°18'14"W; 37°38'20"N / 76°32'36"W; 37°38'06"N / 76°32'30"W; 37°36'35"N / 76°20'34"W; 37°34'19"N / 76°17'08"W; 37°34'38"N / 76°18'18"W; 37°37'08"N / 76°30'48"W; 37°34'28"N / 76°18'37"W; 37°34'36"N / 76°18'59"W; 37°34'37"N / 76°18'07"W; 37°34'32"N / 76°17'57"W; 37°34'39"N / 76°17'35"W; and 37°34'42"N / 76°16'54"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12237

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

Mariners are advised that H&L contracting will be conducting dredging operations in the Upper Rappahannock River, VA from 6/1/21 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°43'31"N / 76°35'14"W; 37°43'12"N / 76°34'56"W; 37°42'45"N / 76°34'54"W; 37°41'05"N / 76°34'43"W; 37°41'56"N / 76°34'36"W; 37°41'27"N / 76°34'19"W; and 37°41'25"N / 76°34'20"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12237

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

Mariners are advised that H&L contracting will be conducting dredging operations in the Wicomico River, VA from 6/1/22 thru 7/15/22 for the purpose of planting oyster shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60' tug boat (vessel name: Goose Creek), one 260' x 50' barge (un-named) for oyster shells, a 26' x 12' push boat (vessel name: Jake), skiff (un-named), and other support vessels. The work will consist of depositing oyster shells from the barge onto designated areas. The designated areas are: 37°49'24"N / 76°18'52"W; 37°49'17"N / 76°18'37"W; 37°48'33"N / 76°18'02"W; 37°47'37"N / 76°17'13"W; and 37°49'00"N / 76°17'17"W. The barge will be moored in place by means of danforth anchors and other vessels moored to the barge. All vessels will be marked and lighted in accordance with USCG regulations. All marine equipment operators will be monitoring VHF-FM channel 63 and channel 16 and 13. Dredge and work vessels will monitor VHF-FM channel 13 and 16. H&L supervisor is Keith Johnson, superintendent. 24 hour contact no. is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12237

North Carolina

NC – SEACOAST – BEACH NOURISHMENT DREDGING OPERATION

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

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

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

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

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

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

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

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

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

36° 3'17.94"N, 75°33'35.75"W

36° 3'21.95"N, 75°32'31.25"W

36° 0'14.33"N, 75°32'34.10"W

36° 0'12.77"N, 75°33'46.62"W

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

Chart 12200.

NC – PAMLICO SOUND – OUTER BANKS – US 12 - BRIDGE CONSTRUCTION

Construction will take place on the new US-12 Bypass Bridge (also known as Jug Handle) from Jan 2019 through March 2022 on the Outer Banks of NC. This bridge extends approximately 2.5 from the southern end of the Pea Island National Wildlife Refuge over the Pamlico Sound into Rodanthe. The air draft along the new bridge during construction will be restricted to 14 feet. <https://www.ncdot.gov/projects/nc-12-rodanthe/Pages/default.aspx>

Chart 12204.

NC – SEACOAST – BEACH NOURISHMENT DREDGE OPERATIONS – AVON AND BUXTON NC

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

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

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

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

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

Great Lakes Dredge and Dock has been contracted by the Army Corp of Engineers to conduct beach nourishment. To mark borrow area and subline area, temporary buoys will be used. Buoys marking these locations should NOT be used for navigational purposes. Boaters should try to maintain a safe distance from these buoys. Great Lakes Dredge and Dock anticipates to commence mobilization activities on or around February 15, 2022.

Waterside mobilization activities will include towing attendant plants and pipeline rafts. Assembly of submerged pipeline, temporary mooring of Derrick barge, Anchor Barge, pipeline and additional auxiliary equipment will be staged in Wrightsville Channel. The work under this contract consists of dredging beach quality sands from the permitted area of the Kure Beach Offshore Borrow Area B as well as, shaping, and grading the sand fill material along beach segments. Work will be performed with cutter suction dredge Texas. The hopper dredge will transport the material through a length of floating pipe to a series of pumps. The material will be conveyed from the pump out to the beach by hydraulic means through a submerged pipeline and deposited within the designated beach placement area. The dredge can be reached on marine VHF channels 13 & 16.

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

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

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

Chart 11541.

NC – CAPE FEAR RIVER – CAPE FEAR RIVER – DREDGING

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

Chart 11537.

NC – CAPE FEAR RIVER – BRUNSWICK CHANNEL –DREDGING

The Dutra Clamshell Dredge DB PAULA LEE, Tug COLONEL, Dump Scow ES-15, Dump Scow CK-7, and Work Boat TROJAN will be operating in the Cape Fear River at the junction of the Upper and Lower Brunswick Channel. The DB PAULA LEE will be dredging the red side of the channel between Cape Fear River Channel Lighted Buoy 58 LLNR 30840 and Cape Fear River Channel Lighted Buoy 58A LLNR 30841 until approximately **June 3, 2022.** During operations, the tug COLONEL will be moving the dump scows between the dredge area and the New Wilmington ODMDS placement site 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 the project vessels. The DB PAULA LEE will monitor VHF channels 13, 16, and 66A for communication purposes.

Chart 11537

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

NEW OR UPDATED INFORMATION

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

NJ – MANASQUAN INLET TO ATLANTIC OCEAN – POINT PLEASANT BEACH – POINT PLEASANT OFFSHORE GRAND PRIX - REGULATED AREA

The Point Pleasant Offshore Grand Prix powerboat races will occur on the waters of the Atlantic Ocean near Point Pleasant Beach, NJ on **June 12, 2022**, from 10:30 a.m. to 5 p.m. A special local regulation for the boat races will be enforced for the duration of the event restricting access to the area. As described in [eCFR :: 33 CFR 100.501 -- Special Local Regulations: Marine Events Within the Fifth Coast Guard District](#), the regulated enforcement area includes the following:

All navigable waters of the Atlantic Ocean in the vicinity of Point Pleasant Beach, NJ bounded by a line connecting the following points: Latitude 40°06'00" N, longitude 074°01'51" W, thence east to latitude 40°05'56" N, longitude 074°01'16" W, thence southwest to latitude 40°03'34" N, longitude 074°01'53" W, thence west to latitude 40°03'39" N, longitude 74°02'37" W, thence north parallel to the shoreline to the point of origin.

The Coast Guard Patrol Commander or designated marine event patrol may forbid and control the movement of all vessels in the regulated area. When hailed or signaled by an official patrol vessel, a vessel in this area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The marine event patrol and Patrol Commander may be contacted on VHF– FM Channel 16.

Spectator area. Non-participants are only allowed inside the regulated area if they remain within a designated spectator area or have authorization from the Event PATCOM or official patrol vessel to transit through the area. A non-participant vessel must be stationary or operate at a safe speed while within the designated spectator area. On scene official patrol vessels or the Event PATCOM will direct non-participant vessels to the spectator area. A non-participant must contact the Event PATCOM or official patrol vessel to request permission to pass through the regulated area. If permission is granted, the non-participant must pass directly through the regulated area at minimum speed necessary to maintain a safe course that minimizes wake and without loitering.

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

NJ– BARNEGAT BAY – LONG BEACH TOWNSHIP MEMORIAL DAY FIREWORKS

An aerial fireworks display is scheduled for **May 29 2022**, between 8:30PM and 10:00PM on the Barnegat Bay off Bayview Park, Long Beach, NJ. Mariners are urged to heed direction of event patrol, use caution when transiting the area, and absent specific guidance, should remain at least 400 feet from the fireworks barge. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

Chart 12316

NJ – GREAT EGG HARBOR BAY – BEESLEY'S POINT – SWIM EVENT

The Middle Atlantic Open Water 5K & 2.5K is scheduled for **June 12, 2022** from 7:00 a.m. to 11:00 a.m. on Great Egg Harbor Bay at Beesley's Point Sea Doo Beach, Marmora, NJ. The swim event will involve approximately 100 swimmers on either a 5K mile or 2.5K mile box course. Sponsor provided safety boats, personal watercraft, and paddleboards will be supporting the event. Mariners are urged to use caution, heed direction of event patrol, and minimize wake while operating in the vicinity. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

Chart 12316

NJ – ATLANTIC OCEAN & ICW – ABSECON ISLAND – PADDLE EVENT

The Annual Dean Randazzo Cancer Foundation Paddle for Cause is scheduled to occur on the Atlantic Ocean and ICWs surrounding Absecon Island in Atlantic County, NJ on **June 11, 2022** from 8:00 a.m. to 5:00 p.m. Approximately 150 participants in a variety of paddle-craft will paddle a course around Absecon Island beginning and finishing at Ski Beach, Ventnor City. Mariners are urged to used caution when transiting the area, reduce speed and wake in vicinity of event participants. Event support patrol can be contacted on marine band radio VHF-FM channel 16.

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

NJ – WILDWOOD CREST INTRACOASTAL – SUNSET LAKE – SWIM EVENT

The Crest Best Swim Fest is scheduled for **May 28, 2022** from 7:30 a.m. to 10:00 a.m. on Sunset Lake in Wildwood Crest, NJ. The swim event will involve approximately 500 swimmers on either a 1 mile or ¼ mile course beginning at the Lakeview Docks continuing within Sunset Lake and finishing on the southern end of Sunset Lake Park. Sponsor provided safety boats, personal watercraft, and paddleboards will be supporting the event. Mariners are urged to use caution and remain alert when transiting the surrounding areas, proceed at the minimum speed necessary to maintain a safe course that minimizes wake while operating near the race courses. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

Chart 12316

NJ – DELAWARE BAY – LOWER TOWNSHIP – SWIM EVENT – REGULATED AREA

The Annual Escape the Cape Triathlon and Open Water Classic is scheduled to occur on the Delaware Bay near Villas and North Cape May, NJ on **June 12, 2022**. Approximately 2000 participants will swim one of the following courses: a .35-mile sprint, a 1-mile Olympic swim, or a 3-mile open water swim. All courses will begin from a Cape May-Lewes Ferry off-shore within the Delaware Bay, proceed adjacent to the shoreline, and finish on the beach north of the Cape May Canal West End Jetty. A regulated area has been established on the above date from 7:30 a.m. to 11:00 a.m. for the following location:

All navigable waters of the Delaware Bay in Lower Township, NJ bounded by a line drawn from: Latitude 39°0'57" N, longitude 074°56'56" W in Villas, NJ, thence west to latitude 39°00'59" N, longitude 074°57'15" W, thence south to latitude 38°58'08" N, longitude 074°58'11" W, thence east to latitude 38°58'04" N, longitude 074°57'52" W in North Cape May, NJ, thence north along the shoreline to the point of origin.

The COTP Delaware Bay or a designated representative may forbid and control movement of all vessels and persons, including event participants, in the regulated area. When hailed or signaled by an official patrol, a vessel or person in the regulated area shall immediately comply with the directions given by the patrol. The designated representative and official patrol vessels enforcing this regulated area can be contacted on marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814. Chart 12304

PA/NJ – DELAWARE RIVER – PHILADELPHIA – DELAWARE RIVER WATERFRONT CORPORATION FIREWORKS - SAFETY ZONE

An aerial fireworks display is scheduled to occur on the Delaware River adjacent to Penn's Landing in Philadelphia, PA, on **May 28, 2022**, between approximately 8:30 p.m. and 9:00 p.m. A safety zone will be in effect for the duration of the display to include all navigable waters with a 500 yard radius of the fireworks barge located at approximate position latitude 39°56'52"N., longitude 75°08'9"W. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Captain of the Port or official on-scene patrol. Mariners may contact official patrol on-scene via marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

Chart 12312

PA/NJ – DELAWARE RIVER – PHILADELPHIA – RIVERS CASINO FIREWORKS - SAFETY ZONE

An aerial fireworks display is scheduled to occur on the Delaware River adjacent to Rivers Casino in Philadelphia, PA, on **May 29, 2022**, between approximately 9:00 p.m. and 10:00 p.m. A safety zone will be in effect for the duration of the display to include all navigable waters with a 500 yard radius of the fireworks barge located at approximate position latitude 39°57'39.44"N., longitude 75°07'45.38"W. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Captain of the Port or official on-scene patrol. Mariners may contact official patrol on-scene via marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

Chart 12312

******MD - SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE ISLAND – ASSAWOMAN BAY - OCEAN CITY – WEEKLY FIREWORKS DISPLAYS******

Short-duration, aerial fireworks displays are scheduled to occur along Assawoman Bay at Ocean City, MD, on each Sunday, **from June 12, 2022 through September 4, 2022**, at approximately 9 p.m. On these dates, fireworks will be discharged from the pier at the west end of Northside Park in Ocean City, MD, in approximate position latitude 38°25'55.2" N, longitude 075°03'50.5" W. Mariners are urged to use caution when transiting the area, and absent specific guidance, should remain 400 feet from the fireworks discharge site. For any comments or questions contact U.S. Coast Guard Sector Maryland-National Capital Region, Waterways Management Division at (410) 576-2674 or (410) 576-2693. Chart 12211.

MD – CHESAPEAKE BAY - CHOPTANK RIVER – REGULATED AREA

Mariners are advised that the annual "Cambridge Classic Power Boat Regatta" is scheduled to occur in the Choptank River during **May 21-22, 2022**, from 9:30 a.m. to 5:30 p.m. on both days. As described in 33 CFR 100.501, the Coast Guard will establish a regulated enforcement area for all waters within of Hambrooks Bay and Choptank River bounded by a line connecting the following coordinates: Commencing at the shoreline at Long Wharf Park, Cambridge, MD, at position latitude 38°34'30" N, longitude 076°04'16" W; thence east to latitude 38°34'20" N, longitude 076°03'46" W; thence northeast across the Choptank River along the Senator Frederick C. Malkus, Jr. (US-50) Memorial Bridge, at mile 15.5, to latitude 38°35'30" N, longitude 076°02'52" W; thence west along the shoreline to latitude 38°35'38" N, longitude 076°03'09" W; thence north and west along the shoreline to latitude 38°36'42" N, longitude 076°04'15" W; thence southwest across the Choptank River to latitude 38°35'31" N, longitude 076°04'57" W; thence west along the Hambrooks Bay breakwall to latitude 38°35'33" N, longitude 076°05'17" W; thence south and east along the shoreline to and terminating at the point of origin. Within the regulated area are the following described areas. Race area: Located within the navigable waters of Hambrooks Bay and Choptank River, between Hambrooks Bar and Great Marsh Point, MD. Buffer area: All navigable waters within Hambrooks Bay and Choptank River (with the exception of the Race Area designated by the marine event sponsor) bounded to the north by the breakwall and continuing along a line drawn from the east end of breakwall located at latitude 38°35'27.6" N, longitude 076°04'50.1" W, thence W. southeast to latitude 38°35'17.7" N longitude 076°04'29"W, thence south to latitude 38°35'01" N longitude 076°04'29" W, thence west to the shoreline at latitude 38°35'01" N, longitude 076°04'41.3" W. Spectator area: All navigable waters of the Choptank River, eastward and outside of Hambrooks Bay breakwall, thence bounded by a line that commences at latitude 38°35'28" N, longitude 076°04'50" W; thence northeast to latitude 38°35'30" N, longitude 076°04'47" W; thence southeast to latitude 38°35'23" N, longitude 076°04'29" W; thence southwest to latitude 38°35'19" N, longitude 076°04'31" W; thence northwest to and terminating at the point of origin. The regulated area will be enforced from 9 a.m. through 6 p.m. both days on May 21, 2022 and May 22, 2022. The Coast Guard Patrol Commander (PATCOM) or designated marine event patrol may forbid and control the movement of all vessels in the regulated area. When hailed or signaled by an official patrol vessel, a vessel in this area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of any vessel in the regulated area shall (i) stop the vessel immediately when directed to do so by any Official Patrol and then proceed only as directed, (ii) all persons and vessels shall comply with the instructions of the Official Patrol, and (iii) when authorized to transit the regulated area, all vessels shall proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the race course. The marine event patrol and PATCOM may be contacted on VHF-FM Channel 16. The Coast Guard PATCOM may terminate the event, or the operation of any vessel participating in the marine event, at any time if deemed necessary for the protection of life or property. Only designated marine event participants and their vessels and official patrol vessels are authorized to enter the race area. Spectators are only allowed inside the regulated area if they remain within a designated spectator area. Spectators may contact the Coast Guard PATCOM to request permission to either enter the Spectator Area or pass through the regulated area. If permission is granted, spectators may enter the Spectator Area or must pass directly through the regulated area as instructed by PATCOM at safe speed and without loitering. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, at (410) 576-2674 or (410) 576-2693.

Charts 12266, 12268.

MD – CHESAPEAKE BAY – EASTERN BAY AND SOUTH RIVER – RHODE RIVER – SAIL AND PADDLE RACES

A series of three sail and human-powered watercraft racing events are scheduled to occur in portions of the Rhode River, Chesapeake Bay, and Rockhold Creek on **May 28, 2022**, between 8 a.m. and 5 p.m. Up to 62 total vessels and standup paddleboard watercraft (8-25 feet in length) will participate. The races will take place as follows: Race 1 - A long distance open water 20-mile course in the Chesapeake Bay, along the western shore of the Chesapeake Bay, between Rhode River (Edgewater, MD) and Rockhold Creek (Deale, MD), and return, from 9 a.m. to 5 p.m.; Race 2 - An intermediate-level 3-mile course in the Rhode River, up to Rhode River Light 7 (LLNR 19545), and return, from 8 a.m. to 10 a.m.; Race 3 - An advanced-intermediate level 6-mile course in the Rhode River, up to the entrances of Sellman Creek and Muddy Creek, and return, from 8 a.m. to 10 a.m. All races will start and finish in the same area off Camp Wabanna. Orange tetrahedron course markers will be established for the races. Sponsor-provided safety boats will be located at the start and along the 3-mile and 6-mile race courses. More information on the "Big Little Boat Festival" can be obtained at website https://www.clcboats.com/boatbuilding_classes/741.html. The Chesapeake Light Craft event coordinator can be contacted via VHF-FM marine band radio channels 16 and 78. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12270.

MD – CHESAPEAKE BAY – SEVERN AND MAGOTHY RIVERS– SEVERN RIVER – REGULATED AREA

The U. S. Naval Academy will host its Blue Angels Air Show over the Severn River at Annapolis, MD on Wednesday, **May 25, 2022** at 2 p.m. High-speed, low-flying fixed-wing aircraft will operate between the Severn River (US-50) Bridge and Greenbury Point, MD. The event also includes a circle and arrival at 11 a.m. and a practice demonstration at 2 p.m. on Tuesday, **May 24, 2022**. As described in 33 Code of Federal Regulations (CFR) § 100.501, a regulated area is established for all waters of the Severn River, from shoreline to shoreline, bounded to the northwest by a line drawn along the Severn River (US-50/301 highway) Bridge. The regulated area is bounded to the southeast by a line drawn from the U.S. Naval Academy Light at 38°58'39.5" N, 076°28'49.0" W, thence southeast to a point 1500 yards east of Chinks Point, MD at 38°57'41" N, 076°27'36" W, thence northeast to Greenbury Point at 38°58'27.7" N, 076°27'16.4" W. The effect will be to restrict vessel traffic on the Severn River and College Creek. All coordinates reference Datum NAD 1983. The regulated area will be enforced from 9:30 a.m. to 5 p.m. on May 24, 2022, and from 9:30 a.m. to 5 p.m. on May 25, 2022. Mariners are urged to schedule their transits on these waterways beyond the enforcement times on both days. The Captain of the Port may assign one or more official patrol vessels, as described in [33 CFR § 100.40](#). The patrol vessels and Event PATCOM can be contacted on Marine Band Radio, VHF-FM Channel 16. The Event PATCOM may terminate the event, or the operation of any vessel participating in the marine event, at any time if deemed necessary for the protection of life or property. The Event PATCOM or Official Patrol may forbid and control the movement of all vessels and persons in the regulated area. When hailed or signaled by an Official Patrol vessel, the person or vessel being hailed must immediately comply with all directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of a vessel in the regulated area must stop the vessel immediately when directed to do so by an Official Patrol and then proceed only as directed. A person or vessel must comply with all instructions of the Event PATCOM or Official Patrol. A vessel operator may request permission to enter and transit through the regulated area by contacting the Event PATCOM or Official Patrol on VHF-FM Channel 16. When authorized to transit through the regulated area, the vessel must proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the event area. A temporary access channel (marked with red buoys and green buoys) will be established near Horn Point, to allow vessels to transit into and out of Annapolis Harbor during the event; vessels operating in this area will do so at their own discretion. At no time will spectators be permitted to obstruct either the temporary access channel or the federal navigation channel outside the regulated area. A "Commercial Vessel Spectator Zone" (marked with yellow buoys) is located immediately adjacent to the temporary access channel, bounded by a line commencing at 38°58'38.2" N, 076°27'56.9" W, thence southeast to 38°58'24.9" N, 076°27'47.6" W, thence west to 38°58'22.3" N, 076°27'54.5" W, thence northwest to 38°58'28.3" N, 076°28'11" W, thence east to point of origin. This designated spectator area lies generally in the center portion of Middle Ground Anchorage, Severn River, MD, and is restricted to commercial small passenger vessels pre-approved by the Captain of the Port Maryland-National Capital Region for spectator area access, as described in Paragraph (h)(1) of [33 CFR § 100.501](#). Mariners should expect the presence of a single U.S. Navy Yard Patrol craft positioned in the middle of the Severn River during May 24-25, 2022, used to mark the centerline of the air show aerobatics box. In addition, on May 24, 2022 and on May 25, 2022, orange inflatable floating markers will be placed along the northern and southern boundaries of the air show aerobatics box. All persons and vessels shall remain outside the designated air show aerobatics box. The Coast Guard will issue a marine information broadcast on VHF-FM marine band radio announcing specific event date and times. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region at (410) 576-2674 or (410) 576-2693. During the events, the Coast Guard Station Annapolis Officer-of-the-Day can be contacted at (410) 267-8108. For any comments or questions regarding this article, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674, or email D05-DG-SectorMD-NCR-MarineEvents@uscg.mil. Charts 12282, 12283.

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

An annual sailboat racing weekly series is scheduled to occur in the Severn River each Thursday evening during **May 5, 2022-August 25, 2022**, between 6 p.m. and 9 p.m. Up to 80 participants (small keel sailboats, 19-24 feet in length) will race in heats within two courses located between the mouth of the Severn River and the Severn River Middle Ground Anchorage. Mariners are urged to use caution and remain alert for other watercraft when transiting the area, proceed at the minimum speed necessary to maintain a safe course that minimizes wake while operating near the race courses. Race committee support vessels will be on scene. Event information is available at website <http://jworldannapolis.com/annapolis-sailing-courses/racing/thursday-night-racing/>. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region at (410) 576-2674 or (410) 576-2693. Charts 12282, 12283

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

An annual sail racing series is scheduled to occur in the Severn River each Friday evening during **May 20, 2022 - August 13, 2022**, between 5 p.m. and 8:30 p.m. Excluded dates include May 27th, July 1st, and August 5th. Up to 40 auxiliary sail boats (20 to 45 feet in length) of various classes will compete in sail races along a designated course located in the Severn River, between the mouth of the Severn River and the entrance to Spa Creek at Annapolis, MD. First race start will occur at approximately 6:15 p.m. Additional information can be obtained at the website: <https://www.eastportyc.org/beer-cans>. Interested mariners can contact the Eastport Yacht Club Race Committee on "EYC Friday Night Signal Boat" via marine band radio VHF-FM channel 09, 13, 16 or 73. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12282, 12283.

MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – CHESAPEAKE CHANNEL – WILLIAM P. LANE, JR. MEMORIAL BRIDGES – REGULATED AREA

"The Great Chesapeake Bay Swim" is scheduled to occur on **June 12, 2022**. The 4.4-mile distance swim across the Chesapeake Bay will start at 1:30 p.m. and finish at 5:30 p.m. As described in Table 2 to Paragraph (i)(2) in Title 33 CFR § 100.501, a regulated area is established for all navigable waters of the Chesapeake Bay between and adjacent to the spans of the William P. Lane Jr. Memorial Bridges from shoreline to shoreline, bounded to the north by a line drawn parallel and 500 yards north of the north bridge span that originates from the western shoreline at latitude 39°00'36.6" N, longitude 076°23'55" W, thence eastward to the eastern shoreline at latitude 38°59'14.2" N, longitude 076°19'57.3" W; and bounded to the south by a line drawn parallel and 500 yards south of the south bridge span that originates from the western shoreline at latitude 39°00'18.4" N, longitude 076°24'28.2" W, thence eastward to the eastern shoreline at latitude 38°58'39.2" N, longitude 076°20'08.8" W. The regulated area will be enforced from 12:30 p.m. to 6:30 p.m. on June 12, 2022. All coordinates reference Datum NAD 1983. The Captain of the Port may assign one or more official patrol vessels, as described in 33 CFR § 100.40. The patrol vessels and Event PATCOM can be contacted on Marine Band Radio, VHF-FM Channel 16. The Event PATCOM may terminate the event, or the operation of any vessel participating in the marine event, at any time if deemed necessary for the protection of life or property. The Event PATCOM or Official Patrol may forbid and control the movement of all vessels and persons in the regulated area. When hailed or signaled by an Official Patrol vessel, the person or vessel being hailed must immediately comply with all directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of a vessel in the regulated area must stop the vessel immediately when directed to do so by an Official Patrol and then proceed only as directed. A person or vessel must comply with all instructions of the Event PATCOM or Official Patrol. A vessel operator may request permission to enter and transit through the regulated area by contacting the Event PATCOM or Official Patrol on VHF-FM Channel 16. When authorized to transit through the regulated area, the vessel must proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the event area. The Coast Guard will issue a marine information broadcast on VHF-FM marine band radio announcing specific event date and times. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12263, 12270.

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

Annual sailing regattas sponsored by the Annapolis Yacht Club (AYC) are scheduled to occur on the Severn River and the Chesapeake Bay near the mouth of the Severn River, during 2022. Unless otherwise indicated, the events will occur between 10 a.m. and 4 p.m. Twenty five individual AYC events are scheduled on the following dates: (1) **April 27-August 31** (*Wednesday Night Races* - 90 participants, 22-50 feet in length, from 6 p.m. to 7:30 p.m.); (2) **April 30** (*Spring One Design* - 25 participants, 22-31 feet in length) (3) **May 7** (*Spring Harbor Regatta* - 25 participants, 20-28 feet in length); (4) **May 7** (*Spring Race to Oxford* - 30 participants, 30-50 feet in length, from 9 a.m. to 4 p.m.); (5) **May 13-15** (*NOOD Regatta* - 200 participants, 22-40 feet in length) (6) **June 4** (*Don Backe Memorial CRAB* - 6 participants, 22 feet in length); (7) **June 11-12** (*Star NA Tune-Up* - 25 participants, 23 feet in length); (8) **June 15-18** (*Star North Americans* - 50 participants, 23 feet in length); (9) **July 6** (*Junior Annual Regatta* - 100 participants, 8-15 feet in length); (10) **July 23-24** (*Annual Regatta* - 45 participants, 24-50 feet in length); (11) **July 31** (*Two Bridge Fiasco* - 75 participants, 22-60 feet in length, from 10 a.m. to 5 p.m.); (12) **August 27-28** (*Corinthian Cup* - 4 participants, 22 feet in length); (13) **September 9-11** (*Harbor 20 North Americans* - 20 participants, 20 feet in length); (14) **September 23-25** (*Annapolis YC 3-2-1 Invitational* - 12 participants, 20-30 feet in length); (15) **September 24** (*Fall Race to Solomons* - 45 participants, 30-50 feet in length); (16) **October 1-2** (*Fall Series 1* - 30 participants, 22-34 feet in length); (17) **October 1-2** (*Doublehanded Distance Race* - 20 participants, 29-50 feet in length, overnight from 12 p.m. to 12 p.m. the following day); (18) **October 3-5** (*Warrior Sailing Project* - 8 participants, 22 feet in length); (19) **October 8** (*Fall Series River Course* - 25 participants, 20-28 feet in length); (20) **October 8-9** (*Fall Series-2* - 30 participants, 30-50 feet in length); (21) **October 15-16** (*Eschells - Lippincott* - 30 participants, 23 & 30 feet in length); (22) **October 21-23** (*J/35 North Americans* - 10 participants, 35 feet in length); (23) **October 22-23** (*J/105 East Coasts* - 25 participants, 35 feet in length); (24) **October 29-30** (*Halloween Howl* - 50 participants, 8 feet in length); and (25) **November 6-December 11** (*Frostbite Series - 1st Half* - 80 participants, 22-45 feet in length, from 12 p.m. to 4 p.m.). Additional information on these events can be obtained at website <https://www.annapolisyc.com/>. The AYC Race Committee can be contacted via marine band radio VHF-FM channels 09, 13, 16, 68, 69, 70, 71 and 72. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693. Charts 12270, 12282, 12283.

MD – CHESAPEAKE BAY – CHESTER RIVER – REGULATED AREA

The annual reenactment portion of the "Chestertown Tea Party Festival" is scheduled to occur along the Chester River on Saturday, **May 28, 2022**, at 2 p.m. The key component of the event includes the movements and anchorage of the Schooner SULTANA and its support vessels off Chestertown, MD. As described in 33 CFR Section 100.501, special local regulations establish a regulated area on all navigable waters of the Chester River, within a line connecting the following positions: Commencing at latitude 39°12'27" N, longitude 076°03'46" W, thence south to latitude 39°12'19" N, longitude 076°03'53" W, thence east to latitude 39°12'16" N, longitude 076°03'48" W, thence north to latitude 39°12'25" N, longitude 076°03'41" W, thence west to the point of origin at latitude 39°12'27" N, longitude 076°03'46" W, located at Chestertown, MD. The regulated area will be enforced from 1 p.m. to 4 p.m. on May 28, 2022. All coordinates reference Datum NAD 1983. The Captain of the Port may assign one or more official patrol vessels, as described in 33 CFR § 100.40. The patrol vessels and Event PATCOM can be contacted on Marine Band Radio, VHF-FM Channel 16. The Event PATCOM may terminate the event, or the operation of any vessel participating in the marine event, at any time if deemed necessary for the protection of life or property. The Event PATCOM or Official Patrol may forbid and control the movement of all vessels and persons in the regulated area. When hailed or signaled by an Official Patrol vessel, the person or vessel being hailed must immediately comply with all directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of a vessel in the regulated area must stop the vessel immediately when directed to do so by an Official Patrol and then proceed only as directed. A person or vessel must comply with all instructions of the Event PATCOM or Official Patrol. A vessel operator may request permission to enter and transit through the regulated area by contacting the Event PATCOM or Official Patrol on VHF-FM Channel 16. When authorized to transit through the regulated area, the vessel must proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the event area. The Coast Guard will issue a marine information broadcast on VHF-FM marine band radio announcing specific event date and times. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12272.

MD – CHESAPEAKE BAY – SEVERN RIVER, PATAPSCO RIVER AND HERRING BAY – SAILING REGATTA

An annual sailing regatta is scheduled to occur on the Chesapeake Bay on **June 4, 2022**, between 9:30 a.m. and 5 p.m. Up to 75 auxiliary sailboats (13 to 50 feet in length) total of various classes will compete in three fleets along three designated race areas as follows: (1) Rock Creek fleet, a single race on the Patapsco River and Chesapeake Bay, located between Seven Foot Knoll and Annapolis Harbor, (2) Annapolis fleet, multiple races located on the Severn River and on the Chesapeake Bay near mouth of the Severn River, and (3) Herring Bay fleet, a single race located between HHSA Buoy A in approx. position 38°44.647' N, 076°31.993' W and Annapolis Harbor. More information on the "Maryland Leukemia Cup Regatta" can be obtained at the website <https://www.eastportyc.org/leukemia-cup>. Interested mariners can contact the Eastport Yacht Club race committee on board the respective fleet's signal boat via marine band radio VHF-FM channels 16 and 73. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693. Charts 12278, 12270, 12283.

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

Mariners are advised that an annual sailboat racing weekly series is scheduled to continue in Baltimore Harbor each Thursday evening from **April 07, 2022** through **September 29, 2022**, between 6 p.m. and 8:30 p.m. Up to 15 sailboats (22-23 feet in length) will compete along a designated race course located in one of four areas in Northwest Harbor: Course A: Northwest Harbor, north and west of Tide Point and east of Harbor View Tower, in the vicinity of Baltimore Inner Harbor Buoy 4 (LLNR 21363.1); B: Northwest Harbor in vicinity of West Channel, between Fells Point and Northwest Harbor Channel Junction Lighted Buoy NH (LLNR 21360); Course C: Patapsco River North of Fort McHenry (Canton Turning Basin); Course D: Patapsco River, east of Ft McHenry and north of Ferry Bar Channel, in vicinity of Fort McHenry Angle Junction Lighted Buoy FM (LLNR 8315). Participants will be supported by sponsor-provided motorized launches. Interested mariners may contact the Downtown Sailing Center's Race Committee on marine band radio VHF-FM Channels 16 and 71. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12281.

MD - CHESAPEAKE BAY - BALTIMORE HARBOR – PADDLING EVENT

Mariners are advised that the annual "Baltimore Floatilla" 5-mile paddle event is scheduled to occur in the Patapsco River at Baltimore, MD on **June 4, 2022**, from 8 a.m. to noon. Up to 300 pre-registered experienced paddlers will operate kayaks, canoes, and stand-up paddle boards. Participants will depart from the Canton Waterfront Park launch location and will follow the northern shorelines of the Northwest Harbor and Baltimore Inner Harbor, from Canton Waterfront Park to the U.S. Constellation. Participants will attend an on-water rally planned at the Inner Harbor before returning to the Canton Waterfront Park. Participants will be supported by sponsor-provided motorized skiffs with radio-equipped professional water rescue teams on board to keep paddlers clear of the navigable channels. Additional event information is available at website <https://www.waterfrontpartnership.org/healthy-harbor/floatilla/>. Mariners are urged to use caution when transiting the area and remain alert for participating watercraft and their support vessels. Official patrol personnel on scene can be contacted on marine band radio VHF-FM channel 16. For any comments or questions contact U. S. Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12281.

******VA – MD – POTOMAC RIVER – ST. MARY'S RIVER – ST. GEORGE CREEK - REGULATED AREA******

The "Southern Maryland Boat Club Piney Point Rumble on the River Regatta" is scheduled to occur in St. George Creek during **June 4-5, 2022**, between 8 a.m. and 4 p.m., both days. Up to 55 vintage and historic race boats (8 to 21 feet in length) will conduct demonstrations along a designated course in scheduled heats. As described in Title 33 CFR Section 100.T05-0179, a regulated area is established for all waters of St. George Creek, within an area bounded by a line connecting the following points: from the shoreline at Cedar Point at position latitude 38°09'03.4" N, longitude 076°29'55.7" W; thence south along the shoreline to Coade Bar at latitude 38°08'22.5" N, longitude 076°29'19.9" W; thence southwest across St. George Creek to Dodson Point at latitude 38°08'03.8" N, longitude 076°29'44.6" W; thence north along the shoreline and the eastern extent of the St. George Island (SR-249) Bridge to Long Bar (at the entrance to St. George Harbor) at latitude 38°08'50.6" N, longitude 076°30'13.0" W; thence northeast across St. George Creek to and terminating at the point of origin. The race area, buffer area, and spectator area are within the regulated area. The regulated area will be enforced from 7:30 a.m. to 5 p.m., both days, on June 4, 2022 and on June 5, 2022. The Captain of the Port (COTP) Maryland-National Capital Region or Event Patrol Commander (PATCOM) may forbid and control the movement of all vessels and persons, including event participants, in the regulated area. When hailed or signaled by an official patrol, a vessel or person in the regulated area shall immediately comply with the directions given by the patrol. Failure to do so may result in the Coast Guard expelling the person or vessel from the area, issuing a citation for failure to comply, or both. The COTP Maryland-National Capital Region or Event PATCOM may terminate the event, or a participant's operations at any time the COTP Maryland-National Capital Region or Event PATCOM believes it necessary to do so for the protection of life or property. Except for participants and vessels already at berth, a person or vessel within the regulated area at the start of enforcement of this section must immediately depart the regulated area. A spectator must contact the Event PATCOM to request permission to either enter or pass through the regulated area. The Event PATCOM, and official patrol vessels enforcing this regulated area, can be contacted on marine band radio VHF-FM channel 16 (156.8 MHz) and channel 22A (157.1 MHz). If permission is granted, the spectator must enter the designated Spectator Area or pass directly through the regulated area as instructed by Event PATCOM. A vessel within the regulated area must operate at safe speed that minimizes wake. A spectator vessel must not loiter within the navigable channel while within the regulated area. Only participant vessels and official patrol vessels are allowed to enter and remain within the race area. Only participant vessels and official patrol vessels are allowed to enter and transit directly through the buffer area in order to arrive at or depart from the race area. A person or vessel that desires to transit, moor, or anchor within the regulated area must obtain authorization from the COTP Maryland-National Capital Region or Event PATCOM. A person or vessel seeking such permission can contact the COTP Maryland-National Capital Region at telephone number 410-576-2693 or on Marine Band Radio, VHF-FM channel 16 (156.8 MHz) or the Event PATCOM on Marine Band Radio, VHF-FM channel 16 (156.8 MHz). The Coast Guard may be assisted with marine event patrol and enforcement of the regulated area by other federal, state, and local agencies. For any comments or questions, contact U.S. Coast Guard Sector Maryland-National Capital Region, at (410) 576-2674 or (410) 576-2693. Chart 12233.

VA – MD – POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGETOWN - REGULATED AREA

The "Washington's Crossing 2022", an annual open water swim event, is scheduled to occur across the Potomac River on Sunday, **June 5, 2022**, between 8 a.m. and 10 a.m. Up to 150 swimmers will compete along a 1.3-mile course located south of and 500 meters within the Woodrow Wilson Memorial (I-95/I-495) Bridge. The race begins from National Harbor to Jones Point, and back to National Harbor. Both a two-way crossing swim and a mid-point and back swim are scheduled. A portion of the designated swim course crosses the Potomac River navigation channel and the National Harbor Access Channel. Participants will be supported by sponsor-provided watercraft. As described in 33 CFR Section 100.501, special local regulations establish a regulated area on all navigable waters of the Potomac River, encompassed by a line connecting the following points, beginning at Jones Point Park, VA, shoreline at latitude 38°47'35" N, longitude 077°02'22" W, thence east along the northern extent of the Woodrow Wilson Memorial (I-495/I-95) Bridge, at mile 103.8, to the Rosilie Island shoreline at latitude 38°47'36" N, longitude 077°01'32" W, thence south along the Maryland shoreline to latitude 38°46'52" N, longitude 077°01'13" W, at National Harbor, MD shoreline, thence west across the Potomac River to the George Washington Memorial Parkway highway overpass and Cameron Run shoreline at latitude 38°47'23" N, longitude 077°03'03" W, thence north along the Virginia shoreline to the point of origin. The regulated area will be enforced from 7 a.m. through 11 a.m. on June 5, 2022. All coordinates reference Datum NAD 1983. The Captain of the Port may assign one or more official patrol vessels, as described in 33 CFR § 100.40. The patrol vessels and Event PATCOM can be contacted on Marine Band Radio, VHF-FM Channel 16. The Event PATCOM may terminate the event, or the operation of any vessel participating in the marine event, at any time if deemed necessary for the protection of life or property. The Event PATCOM or Official Patrol may forbid and control the movement of all vessels and persons in the regulated area. When hailed or signaled by an Official Patrol vessel, the person or vessel being hailed must immediately comply with all directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of a vessel in the regulated area must stop the vessel immediately when directed to do so by an Official Patrol and then proceed only as directed. A person or vessel must comply with all instructions of the Event PATCOM or Official Patrol. A vessel operator may request permission to enter and transit through the regulated area by contacting the Event PATCOM or Official Patrol on VHF-FM Channel 16. When authorized to transit through the regulated area, the vessel must proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the event area. The Coast Guard will issue a marine information broadcast on VHF-FM marine band radio announcing specific event date and times. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289

DC – POTOMAC RIVER - MATTAWOMAN CREEK TO GEORGETOWN – ANACOSTIA RIVER - ROWING REGATTA

A rowing regatta is scheduled to occur in the Anacostia River on **June 5, 2022**, between 5 a.m. and 6 p.m. The event consists of 200 total participants competing in rowing shells on a 1.5-mile course, with a start near the 11th Street Bridge, proceeding upstream in the Anacostia River, and a finish just above the John Philip Sousa (Pennsylvania Ave) Bridge. Information on this "Stonewall Regatta" event is available at website <http://www.stonewallregatta.org>. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289.

DC – POTOMAC RIVER - UPPER POTOMAC AND ANACOSTIA RIVERS - ROWING REGATTA

An annual outrigger canoe regatta is scheduled to occur in the Upper Potomac River and Anacostia River on **June 11, 2022**, from 8 a.m. to 4 p.m. Up to 150 total participants will compete in 40-foot boats along designated long distance courses located between the John Philip Sousa (Pennsylvania Ave) Bridge on the Anacostia River and Theodore Roosevelt Island on the Upper Potomac River, in Washington, DC. Sponsor-provided safety patrol personnel will be on scene. Additional information on the "Washington Monumental" Outrigger Canoe Races can be obtained at website <https://www.ncawpa.org/oc.html>. For any comments or questions contact U. S. Coast Guard Sector Maryland-National Capital Region, Waterways Management Branch, at (410) 576-2674 or 2693. Chart 12289.

DC - UPPER POTOMAC RIVER - WASHINGTON CHANNEL – FIREWORKS DISPLAY SAFETY ZONE

An annual aerial fireworks display is scheduled to occur in Washington Channel on **June 11, 2022**, at approximately 9 p.m. A temporary safety zone is established upon all navigable waters of the Washington Channel within 200 feet of the fireworks barge located within an area bounded on the south by latitude 38°52'30" N, and bounded on the north by the southern extent of the Francis Case (I-395) Memorial Bridge, located at Washington, DC. This safety zone will be enforced from 8 p.m. to 10 p.m. on June 11, 2022. All persons are required to comply with the general regulations governing safety zones found in 33 CFR 165.23. Entry into or remaining in this safety zone is prohibited unless authorized by the Coast Guard Captain of the Port (COTP) Maryland-National Capital Region. All vessels underway within this safety zone at the time it is implemented are to depart the zone. Vessels may not enter, remain in, or transit through the safety zone unless authorized by the COTP Maryland-National Capital Region or designated representative. To request permission to transit the area, the Coast Guard COTP can be contacted by telephone at (410) 576-2693 or on marine band radio VHF-FM channel 16. The Coast Guard vessels enforcing this section can be contacted on marine band radio VHF-FM channel 16. Other federal, state and local agencies may assist these personnel in the enforcement of the safety zone. Comments or questions should be directed to Coast Guard Sector Maryland-NCR, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693. Chart 12289.

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

An aerial fireworks display is scheduled to occur along the Potomac River at National Harbor, MD on **June 3, 2022** (rain date June 4, 2022), between 9:45 p.m. and 10 p.m. The fireworks will be launched from the end of the National Harbor Taxi (commercial) Pier, in approximate position latitude 38°47'14.43" N, longitude 077°01'04.89" 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 400 feet from the fireworks discharge site. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, at (410) 576-2674 or (410) 576-2693. Chart 12289.

VA – MD – DC - POTOMAC RIVER - MATTAWOMAN CREEK TO GEORGETOWN - UPPER POTOMAC RIVER – ELECTRICALLY PROPELLED WATERCRAFT COMPETITION

A watercraft competition is scheduled to occur in Pohick Bay on **May 26, 2022**, between 9 a.m. and 1 p.m. Up to 17 electrically-propelled watercraft (5 to 14 feet in length) will operate along a designated course approximately 1/2-mile in length, located between approximate position latitude 38°40'48.89" N, longitude 077°09'55.61" W, and approximate position latitude 38°40'56.05" N, longitude 077°10'27.62" W. A sponsor-provided safety boat will be located on the course. Mariners are urged to use caution when transiting the area, remain alert for participants and their support craft, and to operate vessels at a safe speed that minimizes wake while operating near the event area. More information on the "Promoting Electric Propulsion (PEP) Competition" can be obtained at website <https://www.navalengineers.org/Education/Promoting-Electric-Propulsion-PEP>. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289

VA – BATTLE DAWGS 1ST ANNUAL PARADE OF BOATS – CHESAPEAKE BAY

Medical Missions Montero is sponsoring Battle Dawgs 1st Annual Parade of Boats, with several dozen small craft in the waters of Broad and Linkhorn Bays between Cavalier Yacht club and Lynnhaven Inlet between 2:00 p.m. and 3:30 p.m. on **May 29, 2022**. Chart 12254

VA – CAPE HENRY TO THIMBLE SHOAL LIGHT - BBSA LITTLE CREEK RACERS WEDNESDAY NIGHT SERIES

The Broad Bay Sailing Association is sponsoring the Little Creek Racers Wednesday Night Series on April 6th running until **September 21, 2022** in Southern Chesapeake Bay, off the shores of Norfolk and Virginia Beach, VA. The sailboats will begin transiting to the racing area at 4:30 p.m. Mariners are requested to use caution when transiting the area. Chart 12254

VA – CHESAPEAKE BAY - Southern Bay Race Week 2022

Hampton Yacht Club is sponsoring Southern Bay Race Week 2022, with several dozen small sailing craft operating in waters of the Southern Chesapeake Bay near Buckroe Beach between 8:00 a.m. and 5:00 p.m. on **June third, fourth and fifth of 2022**. Chart 12222

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

The Broad Bay Sailing Association is sponsoring the BBSA Willoughby Racer weekly series in Willoughby Bay, Norfolk, VA. The weekly sailboat races will begin on April 6th and run every Thursday until **September 21, 2022** with vessels racing between at 5:30 p.m. and 9:00 p.m. Mariners are requested to use caution when transiting the area. Chart 12245

VA – CHESAPEAKE BAY – NORFOLK HARBOR – ELIZABETH RIVER – NORFOLK HARBORFEST 2022

The 46th Annual Norfolk Harborfest Celebration is expected to draw a large number of spectator vessels in the vicinity of Town Point Reach. To assist in maintaining a safe waterway, the Captain of the Port, Sector Virginia will be enforcing a Fireworks Safety Zone listed in 33 CFR 165.506(h)(3), closing the waters of the Elizabeth River in the vicinity of Town Point Reach during the following times:

June 11, 2022, at 9:00 pm lasting until 10:00 p.m.

Other activities associated with the festival will necessitate the use of a Special Local Regulation limiting the use of the Elizabeth River Navigational channel from Friday, **June 10** through Sunday, **June 12, 2022**. Waterway Closures enforced via the Special Local Regulation listed in 33 CFR 100.501(i)(3) will be in effect during the following dates and times:

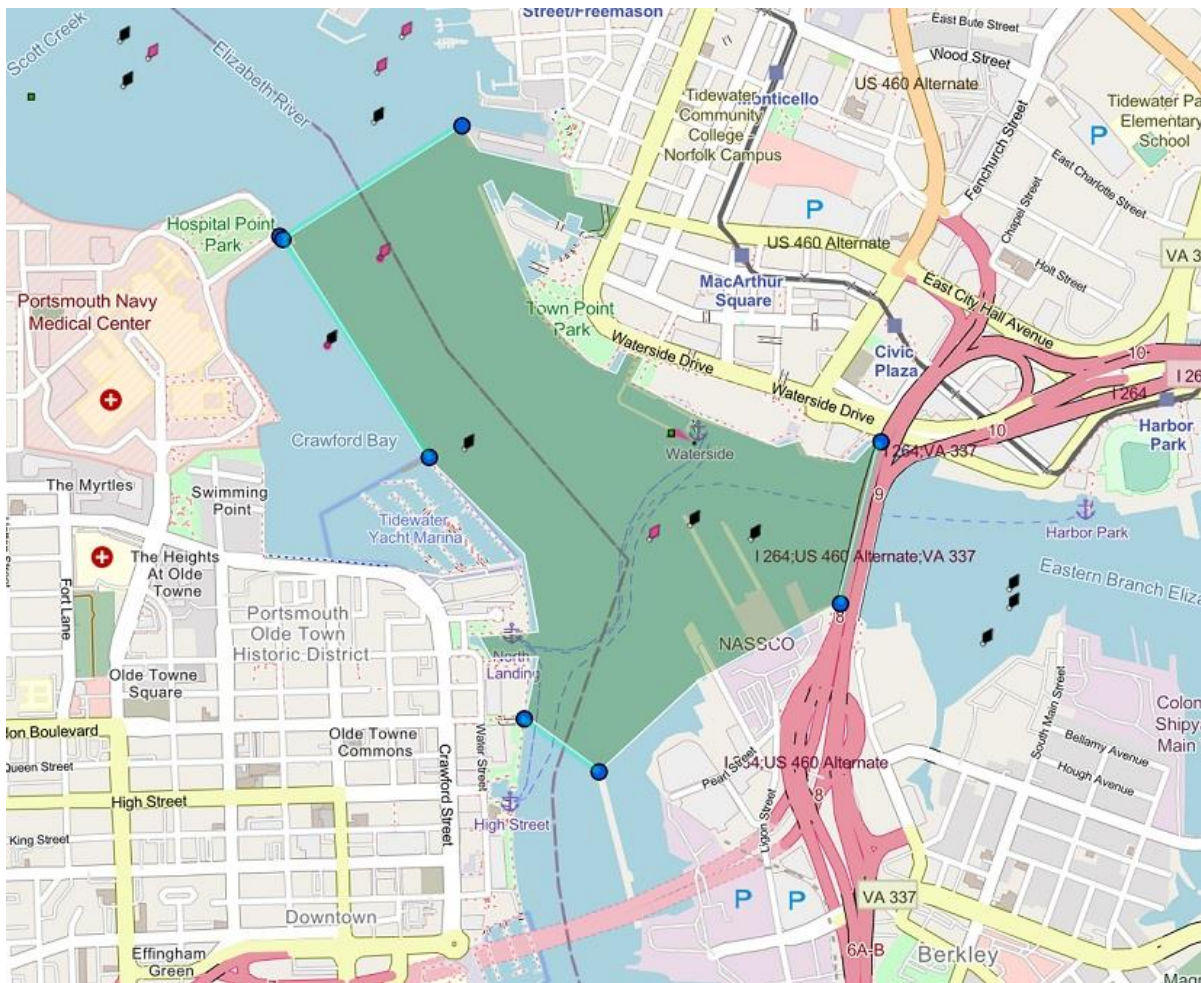
June 10 at 1:45 pm until the completion of the S.A.R. Demo

June 10 at 9:15 pm until the completion of the Drone show

June 11 at 1:15 pm until the completion of the S.A.R. Demo

During these times of heightened risk vessels will be directed by support craft not to enter the regulated area. Operators must stop their vessel immediately upon being directed to do so and must proceed as directed by any law enforcement vessels. A Coast Guard patrol will be on scene monitoring VHF channels 13 and 16 during these events. Mariners are requested to use extreme caution when transiting Town Point Reach. See Chartlet 4-1

Chart 12253



Charlet 4-1

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

Norfolk Tides Baseball is sponsoring the post-game fireworks launching from land at the conclusion of each game on the following dates: **May 14; June 4, 18; July 2, 3, 16; August 6, 20; September 3, 10, 17, 2022**. Vessels will be asked to avoid the northern shore line of the Eastern Branch Elizabeth River in the Vicinity of Harbor Park when provided notice by the on water patrol craft in order to maintain public safety around a fireworks fallout zone. Mariners are requested to use caution when transiting the area on these dates.
Chart 12253

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

The Portsmouth Boat Club will be sponsoring the 2022 Cock Island Race on Saturday **June 18, 2022** from 9:00 AM until 2:00 PM. This event will start on the Southern Branch of the Elizabeth River at the Portsmouth Seawall, run up to Lambert's Point, then towards Sewall's Point and out to the Middle Grounds Light (LLNR 10815) and return to the southern branch of the Elizabeth River to the Portsmouth City Seawall. An estimated 100 boats will be participating in this year's race with mono-hull sailboats ranging in size from 20-50 feet LOA. Mariners are requested to use caution and bare steerage when transiting the area.
Chart 12253 and 12245

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

Kinetic Endeavors is sponsoring the Jamestown Triathlon in the vicinity of the Jamestown Event Park, Williamsburg, VA. The swim portion of the event will begin at 6:00 a.m. and end at 10:00 a.m. on **June 18, 2022**. Mariners are requested to use caution and bare steerage when transiting the area.
Chart 12248

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

The Virginia Boat Club is sponsoring the Virginia Boat Club Sprints Regatta on the James River in the vicinity of Robious Landing Park in Midlothian, VA. This annual regatta is a series of 1,000 meter races with four to five competitor craft at a time. The races will begin at 7:00 a.m. and end at 4:00 p.m. on **June 18th**. Mariners are requested to use caution when transiting the area.
Chart 12245

******VA – RAPPAHANNOCK RIVER – BOAT PARADE******

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

Chart 12245, 12253

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

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

Chart 12245

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

NEW OR UPDATED INFORMATION

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

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

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

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

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

S Corner: 39° 08' 40"N / 74° 05' 50"W

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

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

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

Chart 12323, 12318

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

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

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

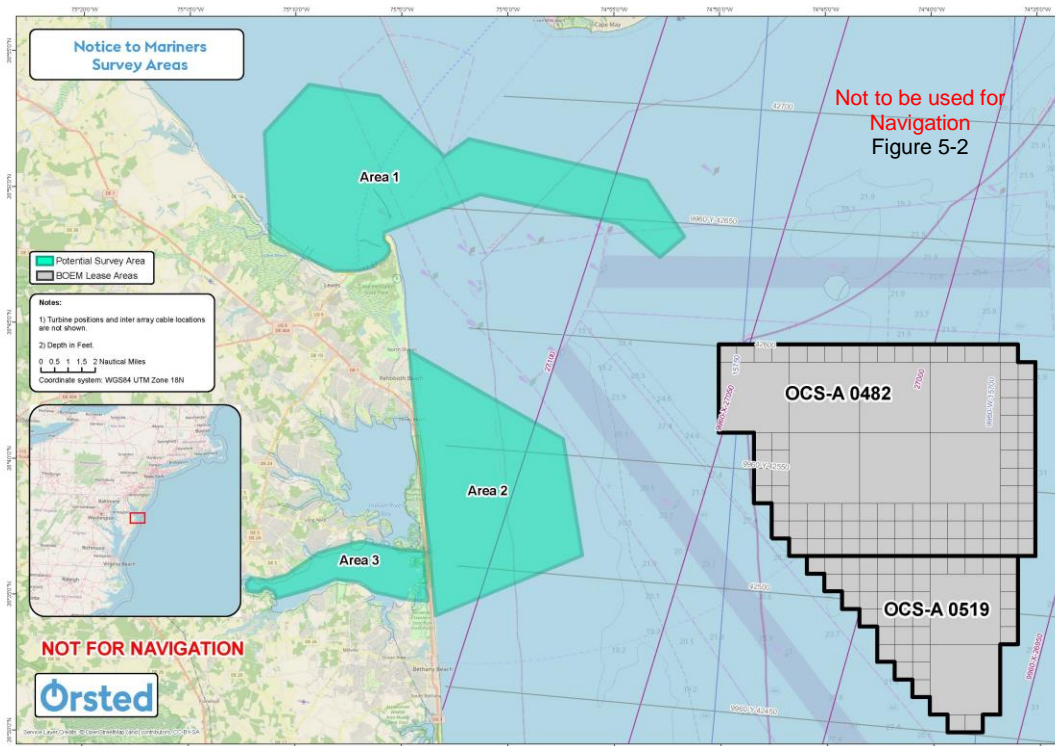
Charts 12318, 12214

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

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

See Figure 5-2

Chart 12214.



DE – INDIAN RIVER – MARINE SURVEYING OPERATIONS

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

38°36'14.5"N 75°06'21.0"W

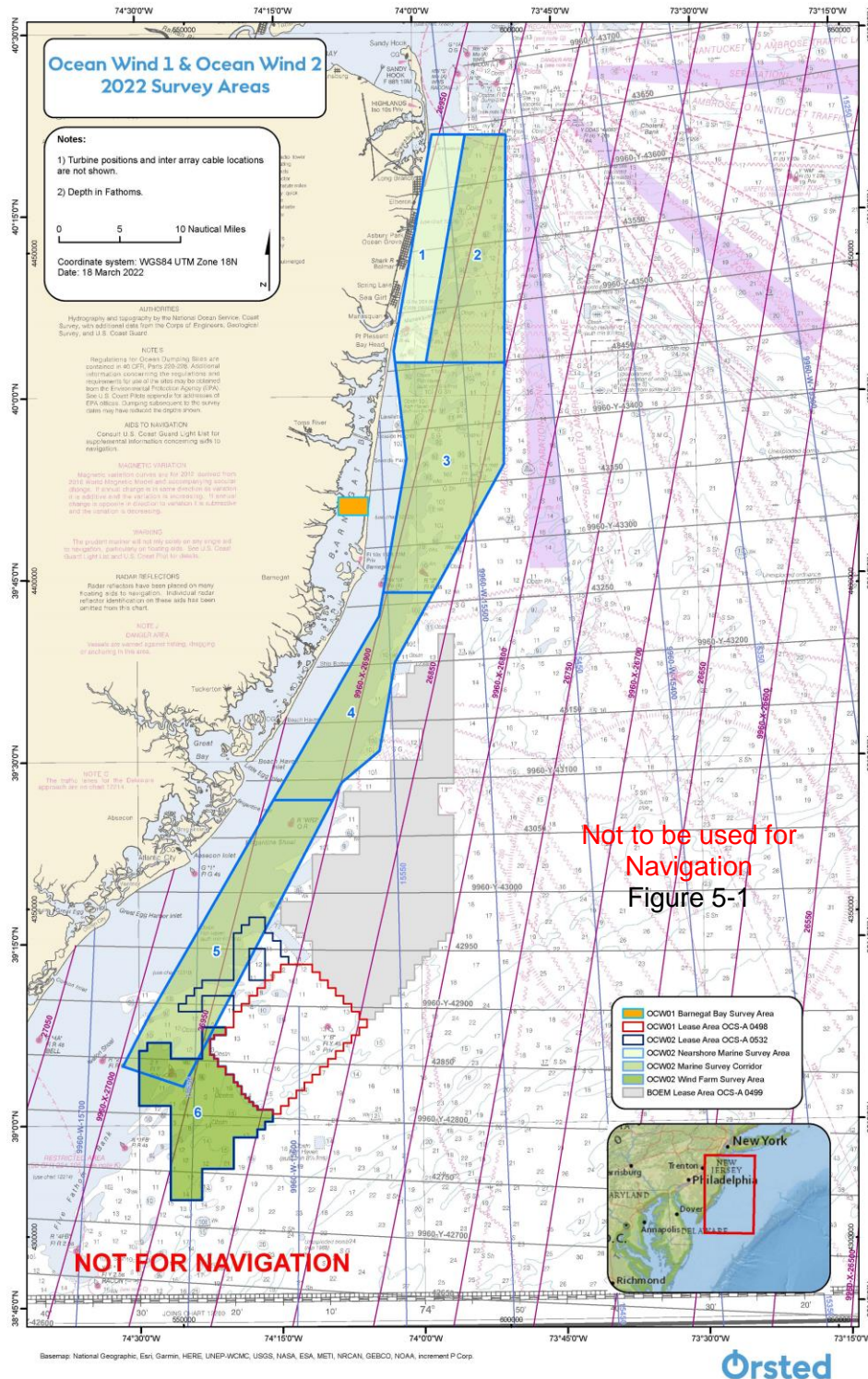
38°35'41.7"N 75°03'58.1"W

38°34'07.5"N 75°11'34.3"W

38°35'28.1"N 75°14'29.2"W

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

Chart: 12216



RIGHT WHALE SLOW ZONE
ENCLOSURE (6)

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



RESEARCH EQUIPMENT IN WATER

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

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

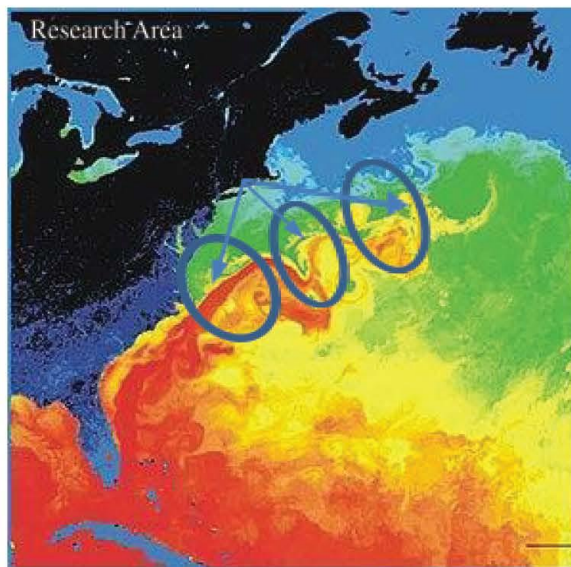
More information on the project can be found online at:

<https://www.saildrone.com/news/google-org-funds-gulf-stream-heat-carbon-mission>

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

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

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



SAILDRONE MISSION CONTROL

(510) 722-6070

missioncontrol@saildrone.com

Jaime Palter (URI)

(401) 572-7258

jpalter@uri.edu

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ANNAPOLIS HARBOR - U. S. NAVAL ACADEMY BLUE ANGELS AIR SHOW
Enclosure 9

******MD – CHESAPEAKE BAY – SEVERN AND MAGOTHY RIVERS– SEVERN RIVER – ANNAPOLIS HARBOR – TEMPORARY ACCESS CHANNEL ******

In support of the annual U. S. Naval Academy Blue Angels Air Show practice and performance demonstrations over the Severn River at Annapolis, MD during May 24-25, 2022, a marked channel will be temporarily established in the Severn River near Horn Point. The floating markers will be set on or about noon on Monday, May 23, 2022 and removed immediately after the event on Wednesday, May 25, 2022. Located between Spa Creek Entrance Buoy 1SC (LLNR 19905) and Annapolis Harbor Channel LB 5 (LLNR 19730), this channel is intended to allow vessels to transit into and out of Annapolis Harbor during the air show event. Vessels operating in this area do so at their own discretion. The temporary access channel will include eight unlit red floating markers and seven unlit green floating markers, located in the following approximate positions:

Marker	Latitude	Longitude
green	38°58'16.74" N	076°27'46.32" W
green	38°58'18.48" N	076°27'51.00" W
green	38°58'20.64" N	076°27'57.06" W

Horn Point Light HP (LLNR 19745)

green	38°58'25.44" N	076°28'11.16" W
green	38°58'27.54" N	076°28'17.28" W
green	38°58'29.16" N	076°28'22.62" W
green	38°58'31.80" N	076°28'31.32" W

Marker	Latitude	Longitude
red	38°58'19.92" N	076°27'48.72" W
red	38°58'22.14" N	076°27'53.64" W
red	38°58'24.12" N	076°28'00.00" W
red	38°58'25.62" N	076°28'04.98" W
red	38°58'29.70" N	076°28'15.96" W
red	38°58'33.54" N	076°28'25.68" W
red	38°58'31.86" N	076°28'22.26" W
red	38°58'34.86" N	076°28'30.30" W

At no time while the regulated area is being enforced will event spectators be permitted to obstruct either the temporary access channel, or the federal navigation channel outside of the regulated area. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region at (410) 576-2674, or email D05-DG-SectorMD-NCR-MarineEvents@uscg.mil.
Charts 12282, 12283.

