U.S. Department
of Homeland Security

**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District: 5 Week: 26/20

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:
ward.b.posey@uscg.mil, (757) 398-6229 and CGD5Waterways@uscg.mil

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

AIDS TO NAVIGATION DISCREPANCY REPORTING
To report any Aids to Navigation discrepancies (missing, damaged, extinguished lights, off station), shoaling or hazards to navigation, discrepancies to bridge lighting, please contact the following 24 hour numbers:
1. For PA, NJ, DE waters, coastal and tributaries contact COGARD SECTOR DELAWARE BAY at (215) 271-4940.
2. For MD, DE in the Upper Chesapeake Bay and tributaries contact COGARD SECTOR MARYLAND NATIONAL CAPITAL REGION at (410) 576-2525.
3. For VA in Lower Chesapeake Bay below Smith Point Light and tributaries and VA, MD Eastern Shore Bay and coastal contact COGARD SECTOR 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, 2020 Edition.
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2020 (53ed) Edition.
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2019 (51st) Edition.

NAVIGATION INTERNET SITES

2020 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
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

I through O

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

P through Z

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

Additional Abbreviations Specific to this LNM Edition:

MD-NCR - Maryland-National Capital Region

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.

******ESTABLISHMENT - SHIPPING SAFETY FAIRWAYS ALONG THE ATLANTIC COAST******

The Coast Guard seeks comments regarding the possible establishment of Shipping Safety Fairways along the Atlantic Coast of the United States identified in the Atlantic Coast Port Access Route Study. This potential system of fairways is intended to ensure that traditional navigation routes are kept free from obstructions that could impact navigation safety. Comments and related material must be received by the Coast Guard on or before August 18, 2020. Please use the link below to see the entire Advance notice of proposed rulemaking.
https://www.federalregister.gov/documents/2020/06/19/2020-12910/shipping-safety-fairways-along-the-atlantic-coast?utm_source=federalregister.gov&utm_medium=email&utm_campaign=subscription+mailing+list

LNM: 25/20

******VA – OFFSHORE - VIRGINIA BEACH – UNCHARTED CABLE******

There is an uncharted, buried fiber-optic submarine telecommunications cable leading from a shore landing point at approximately 36 49 2.431N, 75 58 4.9872W, near the Croatan Parking Lot, eastward approximately 32 km to 36 49 38.91N, 75 36 31.47W. The newly laid cable runs from the Virginia Beach coastline in an east-northeast direction roughly parallel and just to the north of two existing and currently charted cables MAREA and BRUSA s1. Vessels are requested to anchor at a minimum 500 m from the cable. For more information or if you think you have snagged the cable, maintain your position and contact: SubCom GTSC/NOC Hotline: 732-578-7474 (Press #3), Email: rrapp@subcom.com. For a chartlet showing the approximate location of the cable see Enclosure 11.

Charts: 12200 12204 12207 13003

LNM: 19/20

******NC - VA - MD - DE - NJ - ATLANTIC OCEAN - OFFSHORE - SURFACE WAVE GLIDER DATA COLLECTION******

ThayerMahan, Inc. autonomous, unmanned maritime vehicle (Wave Glider-WG) will be transiting from approximately 100 NM East of Port Canaveral, FL to about 100 NM East of Cape May, NJ. The transit will commence on or about 27 May, 2020 and is expected to terminate on or about 27 August, 2020. 24/7 operations consist of scientific ocean data collection. The Wave Glider carries no fuel, lubricants or hydrocarbons. It is wave powered and remotely attended from the ThayerMahan Operations Center, moving at speeds of about 1kt, and is designed to automatically give way if encountered by a vessel transmitting AIS. It is approximately 6.5′ x 2′ (surfboard size), copper in color, with a contact plaque and mast extending 3′ above the water surface. Mariners are requested to transit the area with caution. For more details, contact the ThayerMahan Operations center at 860-969-3171.

Charts: 12200 12300 LNM: 20/20

******NJ – DE – VA - UNMANNED MARITIME VEHICLE OPERATIONS******

Liquid Robotics (www.liquid-robotics.com) will conduct continuous autonomous, unmanned maritime vehicle operations from 23 March through 31 JULY 2020, within five miles of the line between the following two coordinates:
40° 4' 37.0236" N, 66° 27' 28.6626" W (40.076950714504356, -66.45796175781251)
36° 48' 29.2032" N, 73° 16' 29.9208" W (36.808112043432956, -73.27497835937501)
Operations consist of scientific ocean data collection. Wave Gliders carry no fuel, lubricants, or hydrocarbons, are wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of typically 1kt, and designed to give way or part if encountered by a vessel. They are surfboard size, black in color, with a contact plaque. Mariners are urged to transit the area with caution. For up-to-date information, mariners can contact Liquid Robotics Operations Center at +1 408 636 4205, or by email at support@liquid-robotics.com.

Charts: 12200 12300 LNM: 12/20

******NOVEL CORONAVIRUS – MARINERS AND MARITIME COMMERCE - PART 1******

UPDATED. An outbreak of respiratory illness caused by a novel COVID-19 continues to affect mariners and maritime commerce. Vessel arriving to or traveling between any U.S. port or place must follow reporting and infection control measures to maintain the safety of personnel onboard vessels as well as within the port.
Vessel Reporting Requirements:
Illness of a person onboard any vessel that may adversely affect the safety of a vessel or port facility is a hazardous condition per 33 CFR 160.216 and must be reported immediately to the U.S. Coast Guard Captain of the Port (COTP). Cases of persons who exhibit symptoms consistent with COVID-19 must be reported to the COTP. This requirement is separate and additional to any other required Coast Guard or Center for Disease Control and Prevention (CDC) reporting, and applies to vessels departing from or arriving to any port or place in the U.S., includes internal waters, the territorial seas, and deep water ports. In addition to Coast Guard reporting requirements, 42 CFR 71.21 requires vessels destined for a U.S. port to report to the Center for Disease Control and Prevention (CDC) any sick or deceased crew/passengers during 15 days prior to arrival at the U.S. port. Guidance to vessels to report deaths and illnesses to the CDC can be found at: Cargo vessels and Cruise ships. U.S. flagged commercial vessels are also advised to report ill crewmembers in accordance with the requirements of each foreign port called upon. Further, 42 CFR 70.4 states the master of any vessel or person in charge of any conveyance engaged in interstate traffic, on which a case or suspected case of a communicable disease develops shall, as soon as practicable, notify the local health authority at the next port of call, station, or stop, and shall take such measures to prevent the spread of the disease as the local health authority directs. See Headquarters MSIB 06-20, (or Sector Virginia MSIB 20-063) "Vessel Reporting Requirements for Illness or Death", for further information.

******NOVEL CORONAVIRUS – MARINERS AND MARITIME COMMERCE – PART 2******

Vessel Control Actions:
Presidential Proclamations have placed entry restrictions from persons arriving from or through the following countries: Iran, China (excluding Hong Kong and Macau), the European states within the Schengen Area (Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, and Switzerland), United Kingdom and Republic of Ireland.
Non-passenger Commercial Vessels: Non-passenger commercial vessels that have been to the countries noted above or embarked crewmembers from the countries noted above within the last 14 days, with no sick crewmembers, will be permitted to enter the U.S. and conduct normal operations, provided that crewmembers remain aboard the vessel except to conduct specific activities directly related to vessel cargo or provisioning operations. U.S. citizens or any other persons listed in Section 2 of Presidential Proclamation "Suspension of Entry as Immigrants and Nonimmigrants of Certain Additional Persons Who Pose a Risk of Transmitting 2019 Novel Coronavirus", for example crewmembers with a transit and/or crewmember visa, may be permitted to disembark the vessel to conduct vessel operations pier side or for the immediate and continuous transit through the U.S. to another country. When entering the U.S. all persons must be cleared by Customs and Border Protection (CBP) and, if applicable, CDC. Crewmembers without the appropriate visas will generally be required to remain onboard unless otherwise cleared for entry by CBP and, if applicable, CDC. Non-passenger commercial vessels that have been to the countries noted above or embarked crewmembers from the countries noted above within the last 14 days, and do have sick crewmembers should expect delays and need to work with local health and port officials prior to entry.
Passenger Vessels: On April 15, 2020, the CDC updated their existing No Sail Order. This Order will remain in effect until the Secretary of Health and Human Services' declaration that COVID-19 constitutes a public health emergency, the CDC Director rescinds or modifies the order based on specific public health or other considerations, or 100 days from the date publication in the Federal Register. This renewed order requires all cruise ship operators to provide "an appropriate, actionable and robust plan to prevent, mitigate, and respond to the spread of COVID-19 on board cruise ships" prior to operating in waters subject to U.S. jurisdiction. In addition to the plan, there are further restrictions.

LNM: 17/20

NC - HAZARDS OF NORTH CAROLINA COASTAL INLETS

Hazardous inlets. To heighten public awareness about the hazards that exist in and around the North Carolina, this information is provide to

mariners. Shoaling conditions exist at following North Carolina coastal inlets:
Oregon Inlet Hatteras Inlet
Ocracoke Inlet Barden Inlet
Beaufort Inlet Bogue Inlet
New River Inlet Topsail Inlet
Masonboro Inlet Carolina Beach Inlet
Lockwoods Folly Inlet Shallotte Inlet
Shoaling conditions increase the potential for groundings. These inlets are subject to continual and sometimes rapid environmental changes. Mariners are highly encouraged to obtain the most recent U.S. Army Corps of Engineers Wilmington, North Carolina District hydrographic survey information, centerline waypoints and controlling depth at:
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=lnmDistrict&region=5
To report any aids to navigation discrepancies (missing, damaged, off station, extinguished lights), shoaling, hazards to navigation, or discrepancies on bridge lighting, please contact Sector North Carolina Command Center (910) 343-2200.

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely 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, wilfully damage, make fast to, or interfere with any aid to navigation established, installed, operated, or maintained by the Coast Guard pursuant to section 541 of this title, or with any aid to navigation lawfully maintained under authority granted by the Coast Guard pursuant to section 542 of this title, or to anchor any vessel in any of the navigable waters of the United States so as to obstruct or interfere with range lights maintained therein. Whoever violates the provisions of this section shall be guilty of a misdemeanor and shall be fined not more than $1,500 for each offense. Each day during which such violation shall continue shall be considered as a new offense.

U.S. COAST GUARD AUXILIARY – PUBLIC EDUCATION CLASSES – FIND BY ZIPCODE

The National Public Education Calendar Database provides a single, unified national database that holds and displays all public education courses taught by our various flotillas nationwide. In addition, a Zip Code search permits members of the general public to enter a Zip Code of interest, and find all public education courses being taught within a selected distance from that Zip Code.
http://www.cgaux.org/boatinged/class_finder/index.php

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

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

ordnance, may also be associated with sunken military craft, and should be considered when operating in these areas. Violations of the SMCA may subject individuals to penalties of up to $100,000 and to liability for damages. Mariners who witness theft of material from, disturbance of, or damage to a sunken military craft are asked to report it to the nearest U.S. Coast Guard unit.

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

BROADCAST NOTICES TO MARINERS

Broadcast Notices to Mariners (BNMs) that are still in effect at the date of this publication.
CCGD5 (D5) - 315, 316, 317, 320, 321, 322, 325, 326, 327, 328, 329, 334, 336, 337, 338, 339, 340-20.
Sector Delaware Bay (DB) - 093, 096, 097, 098,100, 101,103, 104, 105, 106, 107, 320, 322-20,.
Sector Maryland (MD) - 100, 102, 104, 105, 108, 109, 111, 112, 113-20
Sector Virigina (VA) - 121, 120, 119, 118, 117, 116-20.
Sector North Carolina (NC) - 213, 214, 215, 217, 218, 219, 220, 221, 223, 224, 225-20.

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
85	Avalon Shoal Lighted Buoy 2	SINKING	12318	096DB	25/20	
120	Five Fathom Bank Lighted Buoy F	RAC INOP	12214	NONEDB	27/19	
165	Delaware Lighted Buoy D	RAC INOP	12214	NONEDB	28/19	
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	407NC	27/12	
755	Camp Lejeune Danger Zone Lighted Buoy D	MISSING	11543	203NC	24/19	
800	Masonboro Inlet Lighted Whistle Buoy A	LT EXT	11541	175NC	20/20	
825	Frying Pan Shoals Slough Buoy 1	MISSING	11536	466NC	50/19	
942	Barnegat Inlet North Breakwater Light 6	LT EXT	12324	032DB	10/20	
1318	Longport Channel Buoy 8	SINKING	12316	098DB	25/20	
1525	South Shoal Lump Buoy 8B	MISSING/TRUB	12216	213DB	32/19	
1555	Brandywine Shoal Light	REDUCED INT	12214	347DB	51/19	
1640	Ship John Shoal Light	LT EXT	12304	322DB	45/19	

2050	Harbor Of Refuge North End Light 1	STRUCT DEST/TRLB	12216	601D5	52/16
2065	Roosevelt Inlet Jetty Light 1R	LT EXT	12216	085DB	23/20
2080	Roosevelt Inlet Range Rear Light	LT EXT	12216	087DB	23/20
2315	Murderkill River Buoy 2	MISSING	12304	NONEDB	17/20
2320	Murderkill River Buoy 3	MISSING	12304	NONEDB	17/20
2330	Murderkill River Buoy 4	MISSING	12304	NONEDB	17/20
2335	Murderkill River Buoy 5	MISSING	12304	NONEDB	17/20
2337	Murderkill River Buoy 6	MISSING	12304	NONEDB	17/20
2580	Reedy Island Range Front Light	REDUCED INT	12311	187DB	29/19
2680	Salem River Entrance Channel Light 7	REDUCED INT/STRUCT DMGD	12277	171DB	18/18
2874	Pea Patch Island Dike Warning Light E	LT EXT/STRUCT DMGD	12311	433DB	39/18
3640	**Delaware River Buoy 80**	**LT EXT**	**12313**	**111DB**	**26/20**
3990	Upper Delaware River Channel Lighted Buoy 48	LT EXT	12314	066DB	19/20
4015	Upper Delaware River Channel Lighted Buoy 52	LT EXT	12314	067DB	19/20
4035	Upper Delaware River Channel Lighted Buoy 53	LT EXT	12314	068DB	19/20
4150	Kinkora Upper Range Rear Light	LT EXT	12314	616DB	47/15
4436	Middle Island West Channel Junction Lighted Buoy MI	MISSING	12216	054DB	17/20
4437	Middle Island West Buoy 1	MISSING	12216	054DB	17/20
4438	Middle Island West Channel Buoy 3	MISSING	12216	054DB	17/20
4439	Middle Island West Channel Daybeacon 5	STRUCT DEST	12216	145DB	09/18
4439.5	Middle Island West Channel Buoy 7	MISSING	12216	054DB	17/20
4440	Pepper Creek Buoy 1	MISSING	12216	056DB	17/20
4445	Pepper Creek Lighted Wreck Buoy WR2	MISSING	12216	056DB	17/20
4450	Pepper Creek Buoy 4	MISSING	12216	056DB	17/20
4455	Pepper Creek Buoy 5	MISSING	12216	056DB	17/20
4470	Pepper Creek Lighted Wreck Buoy WR10	MISSING	12216	056DB	17/20
4645	White Creek Buoy 1	MISSING	12216	055DB	17/20
4650	White Creek Buoy 3	MISSING	12216	055DB	17/20
4655	White Creek Buoy 5	MISSING	12216	055DB	17/20
4660	White Creek Buoy 6	MISSING	12216	055DB	17/20
6390	Virginia Inside Passage Daybeacon 221	STRUCT DEST/TRLB	12224	014HR	02/16
6895	Great Machipongo Channel Lighted Wreck Buoy WR3	LT EXT	12210	070VA	19/20
6935	Great Machipongo Channel Light 12	LT EXT	12210	071VA	19/20
7295	Rappahannock Shoal Channel South Range Rear Light	LT EXT	12226	088VA	21/20
9105	Back Creek Channel Range Front Light	MISSING	12277	030MD	04/19
9110	Back Creek Channel Range Rear Light	LT EXT	12277	270MD	29/17
9400	Hampton Bar Warning Light	STRUCT DMGD	12245	066VA	18/20
9765	Western Branch Channel Daybeacon 7	STRUCT DEST/TRLB	12253	287HR	38/19
10495	**Little Creek Harbor Range Front Light**	**LT EXT**	**12255**	**116VA**	**26/20**
10650	Naval Boat Channel Light 9	LT EXT	12245	081VA	20/20
11893	Hog Island Cutoff Wreck Light WR7	STRUCT DEST/HAZ NAV/TRLB	12248	440HR	36/18
12070	Goose Hill Channel Range Rear Light	LT EXT	12248	109VA	24/20
12385	James River Channel Lighted Buoy 89	LT EXT	12251	072VA	19/20
12795	James River Channel Light 168	DAYMK DMGD	12252	NONEVA	51/19
13457	NOAA Lighted Data Buoy YS	OFF STA	12238	037HR	08/19

13515	Perrin River Entrance Buoy 2	MISSING	12241	101VA	23/20
14835	**Queens Creek Channel Buoy 3**	**MISSING**	**12235**	**119VA**	**26/20**
17155	St. Clements Bay Warning Daybeacon	STRUCT DEST/TRLB	12286	067MD	19/20
17300	Cobb Island Light 2	STRUCT DEST/TRLB	12286	080MD	20/20
17700	Potomac River Channel Light 30	LT EXT	12287	102MD	25/20
17950	Upper Potomac River Channel Lighted Buoy 23	LT EXT	12288	094MD	23/20
18265	Occoquan River Channel Light 2	STRUCT DEST	12289	485MD	37/18
19100	Cuckhold Creek Daybeacon 3	STRUCT DEST/TRLB	12284	062MD	24/18
19815	Lake Ogleton Entrance Light 1L	LT EXT/TRLB	12283	100MD	24/20
20185	Magothy River Light 9	STRUCT DMGD/TRLB	12282	287MD	38/19
21370	North Channel Buoy 4	MISSING	12222	107VA	24/20
21667	Nassawadox Creek Warning Daybeacon J	STRUCT DEST/TRUB	12226	005VA	02/20
21725	Occohannock Creek Daybeacon 10	STRUCT DEST/TRUB	12226	144HR	05/18
22285	Hunting Creek Daybeacon 9	STRUCT DEST/TRLB	12228	162HR	25/19
23080	Big Thorofare Channel Daybeacon 21	MISSING/TRUB	12228	134MD	19/19
23095	Big Thorofare Channel Daybeacon 27	STRUCT DEST/TRUB	12228	128MD	16/19
23260	Big Thorofare West Light 15	STRUCT DEST/TRLB	12228	271MD	36/19
23980	Nanticoke River Channel Light 6	REDUCED INT/STRUCT DMGD	12261	055MD	18/20
24110	Nanticoke River Channel Light 23	STRUCT DEST/TRLB	12261	070MD	19/20
24515	Middle Island Bridge West Channel Wreck Daybeacon WR1W	STRUCT DEST/HAZ NAV/TRDBN	12261	123MD	04/18
24601	Tar Bay Warning Daybeacon F	STRUCT DEST	12261	383MD	51/19
24995	Hambrooks Bar Warning Light	LT EXT	12266	099MD	24/20
26685	Langford Creek Daybeacon 7	STRUCT DMGD	12272	105MD	25/20
28005	Oregon Inlet Buoy 7	MISSING	12204	074NC	10/20
28015	Oregon Inlet Lighted Buoy 9	MISSING	12204	039NC	06/20
28325	Walter Slough Daybeacon 6	STRUCT DEST/TRUB	12204	215NC	19/19
28650	Hatteras Inlet Lighted Buoy 4	MISSING	11555	345NC	29/17
28653	Hatteras Inlet Lighted Buoy 5	MISSING	11555	NONENC	40/18
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
28722.5	Barney Slough Channel Lighted Wreck Buoy WR8	MISSING	11555	218NC	16/20
28900	Ocracoke Inlet Buoy 1	OFF STA/HAZ NAV	11550	NONENC	24/19
28915	Ocracoke Inlet Lighted Buoy 4	MISSING	11550	217NC	25/20
28955	**Teaches Hole Channel Lighted Buoy 20**	**MISSING**	**11550**	**220NC**	**26/20**
28964	Teaches Hole Lighted Buoy 27	OFF STA	11550	213NC	25/20
28970	Teaches Hole Channel Light 30	DAYMK MISSING	11550	NONENC	37/19
29740	New River Channel Light 13	STRUCT DMGD/TRLB	11541	078NC	11/19
29985	New Topsail Inlet Buoy 2	MISSING	11541	210NC	18/18
30010	New Topsail Inlet Buoy 5	MISSING	11541	338NC	31/18
30115	Banks Channel Daybeacon 15	STRUCT DEST/TRUB	11541	114NC	15/20
30135	Banks Channel Daybeacon 21	STRUCT DEST/TRUB	11541	246NC	28/19
30145	Masonboro Inlet Lighted Whistle Buoy A	LT EXT	11541	175NC	20/20
30215	Wrightsville Channel Daybeacon 13	STRUCT DEST/TRUB	11541	092NC	13/20
30280	Carolina Beach Inlet Buoy 4	OFF STA	11534	106NC	14/19
30400	Cape Fear River Channel Lighted Buoy 15	OFF STA	11534	167NC	22/20

30950	Cape Fear River Turning Basin Light B	STRUCT DEST/TRLB	11537	122NC	16/20
31010	Lockwoods Folly Inlet Lighted Buoy 1	REDUCED INT	11534	014NC	02/20
31135	Calabash Creek Daybeacon 7	MISSING/TRUB	11534	216NC	25/19
31150	Calabash Creek Light 10	STRUCT DEST/TRLB	11534	140NC	17/19
31170	Whale Head Bay Light 1	STRUCT DEST/TRLB	12204	220NC	18/15
31220	Poplar Branch Light 1	LT EXT/DAYMK MISSING	12204	NONENC	38/19
31241.2	Currituck Sound Research Platform C	STRUCT DMGD	12205	019NC	05/18
31255	Knotts Island Ferry Terminal Light 2	DAYMK MISSING	12206	139NC	17/20
31445	Pasquotank River Light 9	LT EXT/DAYMK MISSING	12206	154NC	16/20
31635	Albemarle Sound Light 5AS	DAYMK MISSING	11553	NONENC	38/19
31750	Edenton Light	LT IMCH/DAYMK MISSING	12204	182NC	21/20
31820	Chowan River Light 12	STRUCT DMGD/TRLB	12205	022NC	03/20
31970	Roanoke Island West Side Daybeacon 6	STRUCT DEST/TRUB	12204	327NC	38/19
32030	Stumpy Point Channel Light 10	STRUCT DEST/TRLB	12204	089NC	05/18
32055	Chicamacomico Channel Light 3	DAYMK MISSING	12204	144NC	18/20
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	STRUCT DEST/TRLB	11555	355NC	42/19
32320	Durant Point Lighted Buoy 2	OFF STA	11555	088NC	12/20
32835	Oyster Creek Daybeacon 8	STRUCT DEST/TRUB	11545	048NC	06/20
32910	Pungo River Light 7	STRUCT DEST/TRLB	11553	172NC	20/20
33345	Pamlico River Channel Light 12	LT EXT	11554	148NC	18/20
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
33955	Slocum Creek Daybeacon 10	STRUCT DEST/TRLB	11552	271NC	31/19
34126	Neuse River Channel Daybeacon 50BB	STRUCT DEST/TRUB	11552	NONENC	39/18
34260	Trent River Daybeacon 4A	STRUCT DEST/TRUB	11552	374NC	34/18
34280	Trent River Daybeacon 9	STRUCT DEST/TRUB	11552	NONENC	39/18
34690	Core Sound Daybeacon 48	STRUCT DEST/TRLB	11545	411NC	38/18
34932	Manasquan Inlet Light 3	REDUCED INT	12324	020DB	07/20
35085	New Jersey Intracoastal Waterway Daybeacon 31	STRUCT DEST/TRUB	12324	037DB	42/19
35090	New Jersey Intracoastal Waterway Daybeacon 33	STRUCT DEST/TRUB	12324	106DB	01/20
35285	New Jersey Intracoastal Waterway Light 74	STRUCT DEST/TRUB	12324	320D5	20/20
35290	**New Jersey Intracoastal Waterway Daybeacon 75**	**STRUCT DEST/TRUB**	**12324**	**322D5**	**26/20**
35330	New Jersey Intracoastal Waterway Daybeacon 84	STRUCT DEST/TRUB	12324	322D5	19/19
35345	**New Jersey Intracoastal Waterway Light 88**	**STRUCT DEST/TRUB**	**12324**	**325D5**	**26/20**
35390	**New Jersey Intracoastal Waterway Light 99**	**STRUCT DEST/TRUB**	**12316**	**327D5**	**26/20**
35770	New Jersey Intracoastal Waterway Light 189	STRUCT DEST/TRLB	12316	104DB	36/19
35800	New Jersey Intracoastal Waterway Daybeacon 197	STRUCT DEST/TRUB	12316	105DB	24/19

36605	**New Jersey Intracoastal Waterway Daybeacon 444**	**STRUCT DEST/TRUB**	**12316**	**109DB**	**26/20**
36620	**New Jersey Intracoastal Waterway Daybeacon 448**	**STRUCT DEST/TRUB**	**12316**	**108DB**	**26/20**
36630	**New Jersey Intracoastal Waterway Daybeacon 450**	**STRUCT DEST/TRUB**	**12316**	**110DB**	**26/20**
36705	New Jersey Intracoastal Waterway Daybeacon 473	STRUCT DEST/TRLB	12316	057DB	18/20
36945	Deep Creek Daybeacon 4	STRUCT DEST/TRUB	12206	059VA	16/20
36990	Pasquotank River Light 9	LT EXT/DAYMK MISSING	12206	154NC	16/20
37140	Elizabeth River Southern Branch Light 47	STRUCT DEST	12253	587HR	51/18
37995	Alligator River Daybeacon 52	STRUCT DEST/TRUB	11553	180NC	21/19
38115	Pungo River Light 7	STRUCT DEST/TRLB	11553	172NC	20/20
38620	Morehead City Harbor Channel Daybeacon 7	STRUCT DEST/TRUB	11547	229NC	26/19
38885	Bogue Sound Warning Daybeacon A	STRUCT DEST	11541	165NC	19/20
39000	Bogue Sound Daybeacon 36	STRUCT DEST/TRUB	11541	202NC	22/20
39240	Bogue Sound - New River Light 65A	MISSING/TRLB	11541	380D5	36/19
39293	**Bogue Sound - New River Buoy 71**	**OFF STA**	**11541**	**225NC**	**26/20**
39857	New River - Cape Fear River Light 168	STRUCT DEST/TRLB	11534	211NC	24/20
40055	Cape Fear River - Little River Daybeacon 5	STRUCT DEST/TRLB	11534	161NC	19/20
40065	Cape Fear River - Little River Daybeacon 8	STRUCT DEST/TRLB	11534	169NC	20/20
40180	Lockwoods Folly River Daybeacon 12	STRUCT DEST/TRUB	11534	NONENC	37/19
40323	Cape Fear River - Little River Buoy 76	OFF STA	11534	112NC	15/20
40330	Cape Fear River - Little River Light 78	MISSING/TRLB	11534	214NC	24/20
40335	Cape Fear River - Little River Daybeacon 80	MISSING/TRUB	11534	485NC	49/19
40385	Cape Fear River - Little River Light 93	STRUCT DEST/TRLB	11534	480NC	51/19
	Little Annemessex River Daybeacon 14	STRUCT DEST/TRUB	12228	063MD	18/20

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
503	Rudee Inlet Entrance Lighted Buoy 2	RESET ON STATION	12208	110VA	25/20	26/20
3080	Bellevue Range Front Light	RELIGHTED	12311	102DB	26/20	26/20
3495	Eagle Point Range Front Light	WATCHING PROPERLY	12313	103DB	26/20	26/20
3970	Lehigh Lower Range Rear Light	RELIGHTED	12314	099DB	25/20	26/20
5135	Sinepuxent Bay Channel Buoy 35	RELOCATED	12211	103MD	25/20	26/20
7275	Chesapeake Channel Lighted Buoy 42	RELIGHTED	12226	098VA	23/20	26/20
8333	Swan Point Channel North Range Rear Passing Lights (2)	WATCHING PROPERLY	12272	109MD	26/20	26/20
8395	Brewerton Channel Eastern Extension Range Rear Light	WATCHING PROPERLY	12272	110MD	26/20	26/20
8595	Upper Chesapeake Channel Range Front Light	RELIGHTED	12274	NONEMD	25/20	26/20
8600	Upper Chesapeake Channel Range Rear Light	RELIGHTED	12274	NONEMD	26/20	26/20
21295	Ferry Bar Channel Daybeacon 12	WATCHING PROPERLY	12281	114MD	26/20	26/20
27145	Wilson Point Junction Light WP	WATCHING PROPERLY	12278	115MD	26/20	26/20
29600	Swansboro Coast Guard Channel Lighted Junction Buoy CG	RESET ON STATION	11541	223NC	26/20	26/20
32075	Stumpy Point Target Warning Light E	WATCHING PROPERLY	11555	NONENC	37/19	26/20
38482	Core Creek Buoy 30A	RELOCATED	11541	222NC	26/20	26/20

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
87.1	Ocean Wind Met Lighted Buoy A	LT EXT	12318	NONED5	23/20	
958	Barnegat Light	LT EXT	12324	028DB	08/20	
2119.04	Herring Creek Daybeacon 4	STRUCT DMGD	12216	172DB	28/19	
2805	Bulkhead Shoal Channel Lighted Buoy 6A	OFF STA	12311	012DB	04/20	
7095	Chesapeake Channel Tunnel South Light	LT EXT	12221	079VA	25/19	
9522	Lehigh Portland Cement Lighted Mooring Dolphin A	LT EXT	12245	372VA	51/19	
10125	Lynnhaven Roads Fishing Pier Lights (2)	MISSING	12254	319HR	31/13	
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	
10205	Lynnhaven River Western Branch Daybeacon 6	MSLD SIG	12254	105VA	24/20	
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	
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	
10332.1	Lynnhaven River Eastern Branch Buoy 3	MISSING	12222	053HR	11/19	
10333	Lynnhaven River Eastern Branch Daybeacon 14	STRUCT DEST	12222	108VA	24/20	
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	
10962	Hampton River Channel Buoy 22	MISSING	12245	NONEHR	37/19	
12055	Virginia Power Groin Light A	LT EXT	12253	008VA	03/20	
12060	Virginia Power Groin Light B	LT EXT	12253	008VA	03/20	
12143.71	Barretts Point Daybeacon 3	MISSING/STRUCT DEST	12251	291HR	39/19	
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	
12845	**Salt Ponds Daybeacon 1**	**STRUCT DEST**	**12222**	**120VA**	**26/20**	
12957	Back River South Channel Junction Daybeacon B	STRUCT DEST	12238	315HR	22/18	
12970	Dandy Haven Marina Entrance Daybeacon 3	DAYMK IMCH	12222	086HR	14/17	
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
18012.6	Aquia Creek Daybeacon 18A	STRUCT DEST	12288	NONEMD	24/19
18251.1	Neabsco Creek Channel Lighted Buoy 2	LT EXT	12289	098MD	24/20
18793.1	Tanner Creek Warning Daybeacon A	DAYMK MISSING	12233	179MD	23/13
18793.3	Tanner Creek Daybeacon 2	DAYMK DMGD	12233	196MD	08/18
18793.6	Tanner Creek Warning Daybeacon B	DAYMK MISSING	12233	197MD	08/18
19375	South Herrington Harbour Light 5	DAYMK DMGD	12266	139MD	19/19
19613	South River Warning Buoy B	MISSING	12270	NONEMD	39/18
19870	Chesapeake Harbor Jetty Light 8	LT IMCH	12282	219MD	30/19
19875	Chesapeake Harbor Jetty Light 9	LT IMCH	12282	221MD	30/19
20092.05	Little Magothy River Buoy 6	MISSING	12282	043MD	15/20
20141	Grays Creek Buoy 1	ADRIFT	12282	104MD	25/20
20150	Grays Creek Daybeacon 3	STRUCT DEST	12282	321MD	41/19
20430	Pennwood Channel Range Front Light	LT EXT	12278	045MD	16/20
20435	Pennwood Channel Range Rear Light	LT EXT	12278	046MD	16/20
20990	CSX Ore Pier Obstruction Light D	LT EXT	12278	369MD	27/18
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
26700	Davis Creek Entrance Daybeacon 2	STRUCT DMGD	12272	321MD	44/17
27083	**Back River Buoy 8**	**MISSING**	**12278**	**111MD**	**26/20**
27675	Havre De Grace Yacht Basin Buoy 1	OFF STA/DAYMK IMCH	12274	340MD	44/19
27680	Havre De Grace Yacht Basin Buoy 2	OFF STA	12274	341MD	44/19
27683	Havre De Grace Yacht Basin Buoy 3	OFF STA/DAYMK IMCH	12274	342MD	44/19
27685	Havre De Grace Yacht Basin Buoy 4	OFF STA/DAYMK IMCH	12274	343MD	44/19
27690	Havre De Grace Yacht Basin Buoy 5	OFF STA/DAYMK IMCH	12274	344MD	44/19
27693	Havre De Grace Yacht Basin Buoy 6	OFF STA/DAYMK IMCH	12274	345MD	44/19
28552	Shallowbag Bay Warning Light A	DAYMK MISSING	12205	582NC	47/17
28553	ShallowBag Bay Warning Light D	DAYMK MISSING	12205	583NC	47/17
29273	Shell Point Channel Daybeacon 2	DAYMK MISSING	11545	413NC	39/18
29273.1	Shell Point Channel Daybeacon 3	DAYMK MISSING	11545	413NC	39/18
29273.3	Shell Point Channel Daybeacon 6	STRUCT DEST	11545	413NC	39/18
30477	Cape Fear River Warning Light A	LT EXT	11534	045NC	06/17
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 11	MISSING	11534	259NC	29/19
31270	Southern Shores Daybeacon 1	DAYMK DMGD	12204	NONENC	26/17
31275	Southern Shores Daybeacon 2	DAYMK IMCH	12204	NONENC	30/17
31305	Southern Shores Junction Daybeacon JG	STRUCT DEST	12204	NONENC	30/17
31315	Southern Shores Daybeacon 10	STRUCT DEST	12204	NONENC	30/17
31350	Colington Harbor Entrance Daybeacon 3	STRUCT DEST	12205	NONENC	30/17
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
33367.1	Fountain Powerboats Factory Light 1F	DAYMK MISSING	11554	306NC	33/19
33367.2	Fountain Powerboats Factory Daybeacon 3	DAYMK MISSING	11554	306NC	33/19
33367.3	Fountain Powerboats Factory Daybeacon 4	DAYMK MISSING	11554	306NC	33/19
33367.4	Fountain Powerboats Factory Daybeacon 5	DAYMK IMCH	11554	306NC	33/19
33367.5	Fountain Powerboats Factory Daybeacon 6	DAYMK IMCH	11554	306NC	33/19
33367.6	Fountain Powerboats Factory Daybeacon 7	DAYMK IMCH	11554	306NC	33/19
33367.7	Fountain Powerboats Factory Daybeacon 8	DAYMK IMCH	11554	306NC	33/19
33367.8	Fountain Powerboats Factory Daybeacon 9	DAYMK IMCH	11554	306NC	33/19
33367.9	Fountain Powerboats Factory Daybeacon 10	DAYMK IMCH	11554	306NC	33/19
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
38535	Triple S. Marina Daybeacon 1	STRUCT DEST	11547	200NC	18/17
38540	Triple S. Marina Daybeacon 2	DAYMK MISSING	11547	185NC	22/20
38545	Triple S. Marina Daybeacon 3	DAYMK MISSING	11547	186NC	22/20
38550	Triple S. Marina Daybeacon 4	DAYMK MISSING	11547	187NC	22/20
38555	Triple S. Marina Daybeacon 5	DAYMK MISSING	11547	188NC	22/20
38560	Triple S. Marina Daybeacon 6	DAYMK MISSING	11547	189NC	22/20
38565	Triple S. Marina Daybeacon 7	DAYMK MISSING	11547	190NC	22/20
38570	Triple S. Marina Daybeacon 8	STRUCT DEST	11547	191NC	22/20
38575	Triple S. Marina Daybeacon 9	STRUCT DEST	11547	192NC	22/20
38580	Triple S. Marina Daybeacon 10	STRUCT DEST	11547	193NC	22/20
38585	Triple S. Marina Daybeacon 11	STRUCT DEST	11547	194NC	22/20
38590	Triple S. Marina Daybeacon 12	DAYMK MISSING	11547	195NC	22/20
38595	Triple S. Marina Daybeacon 13	DAYMK MISSING	11547	196NC	22/20
38680	Eight And One Half Marina Daybeacon 1	DAYMK MISSING	11541	NONENC	41/19
38700	Eight And One Half Marina Daybeacon 5	DAYMK MISSING	11541	NONENC	41/19
39125	Cow Creek Channel Daybeacon CC	STRUCT DEST/TRUB	11541	398NC	44/19
39185	Cow Creek Channel Daybeacon 16	DAYMK MISSING	11541	NONENC	24/19
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
40017	Cape Fear River Warning Light A	LT EXT	11534	045NC	06/17
	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
	Colington Harbor Entrance Light 5	DAYMK DMGD	12205	290NC	26/17
	Colington Harbor Entrance Light 6	DAYMK DMGD	12205	NONENC	30/17
	Coopers Creek Daybeacon 1 / DNR1250	STRUCT DEST	12285	056D	18/20
	Deep Water Point Light 2	LT EXT	12316	331DB	47/19
	Fox Hill Channel Daybeacon 4	DAYMK DMGD	12238	173HR	23/12
	Fox Hill Channel Daybeacon 6	STRUCT DEST	12238	174HR	23/12

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
Jean Guite Creek Daybeacon 1	STRUCT DEST	12205	NONENC	33/17
Jean Guite Creek Daybeacon 2	DAYMK IMCH	12205	NONENC	33/17
Price Creek Buoy 3	OFF STA	12270	277MD	37/19
Royal Beach Association Buoy	MISSING	12282	065MD	18/20
Taylor Crk Dbn 3	STRUCT DEST/HAZ NAV	12226	204HR	09/18
Waterview Seafood Warning Daybeacon A	DAYMK MISSING	12221	300HR	39/17

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
6035	Bradford Bay Buoy 5A	RELOCATED FOR DREDGING	12210	298D5	24/20	
7145	Chesapeake Channel Lighted Buoy 22	RELOCATED FOR DREDGING	12222	282D5	22/20	
7155	Chesapeake Channel Lighted Buoy 24	RELOCATED FOR DREDGING	12222	282D5	22/20	
7170	Chesapeake Channel Lighted Buoy 28	RELOCATED FOR DREDGING	12222	282D5	22/20	
7180	Chesapeake Channel Lighted Buoy 30	RELOCATED FOR DREDGING	12222	282D5	22/20	
8117	NOAA Lighted Data Buoy SN	DISCONTINUED	12278	NONED5	04/20	
9255	Thimble Shoal Channel Lighted Bell Buoy 9	RELOCATED FOR DREDGING	12254	060D5	06/20	
9260	Thimble Shoal Channel Lighted Buoy 10	RELOCATED FOR DREDGING	12254	060D5	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	
9275	Thimble Shoal Channel Lighted Buoy 13	RELOCATED FOR DREDGING	12254	060D5	06/20	
9280	Thimble Shoal Channel Lighted Buoy 14	RELOCATED FOR DREDGING	12254	060D5	06/20	
9285	Thimble Shoal Channel Lighted Buoy 15	RELOCATED FOR DREDGING	12245	060D5	06/20	
9290	Thimble Shoal Channel Lighted Buoy 16	RELOCATED FOR DREDGING	12245	060D5	06/20	
9295	Thimble Shoal Channel Lighted Buoy 17	RELOCATED FOR DREDGING	12245	512D5	48/19	
9305	Thimble Shoal Channel Lighted Buoy 19	RELOCATED FOR DREDGING	12245	512D5	48/19	
9520	Elizabeth River Channel Lighted Bell 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
19697	NOAA Lighted Data Buoy AN	DISCONTINUED	12283	148D5	16/19
21450	Cape Charles City Lighted Buoy 1CC	TRLB	12224	196D5	18/20
21455	Cape Charles City Lighted Buoy 2	TRLB	12224	196D5	18/20
21480	Cape Charles City Buoy 5	TRLB	12224	196D5	18/20
21485	Cape Charles City Buoy 6	TRLB	12224	196D5	18/20
22290	Hunting Creek Daybeacon 11	DISCONTINUED	12228	128D5	12/20
22295	Hunting Creek Buoy 12	DISCONTINUED	12228	128D5	12/20
28325	Walter Slough Daybeacon 6	RELOCATED FOR DREDGING	12204	215NC	25/20
28447	Wanchese Channel Buoy 2A	DISCONTINUED FOR DREDGING	12204	471-19	44/19
29061	Big Foot Slough Channel Buoy 9C	RELOCATED FOR DREDGING	11550	105D5	10/20
29070.3	Big Foot Slough Channel Buoy 11	RELOCATED FOR DREDGING	11550	105D5	10/20
29245	Barden Inlet Light 26	TRDBN	11545	503D5	32/17
29250	Barden Inlet Buoy 28	DISCONTINUED	11545	503D5	32/17
29253	Barden Inlet Buoy 30	DISCONTINUED	11545	503D5	32/17
29257	Barden Inlet Buoy 31	DISCONTINUED	11545	503D5	32/17
29260	Barden Inlet Light 32	TRDBN	11545	503D5	32/17
29263	Barden Inlet Buoy 33	DISCONTINUED	11545	503D5	32/17
29270	Barden Inlet Light 35	TRDBN	11545	503D5	32/17
29337	Beaufort Inlet Channel Lighted Buoy 7	RELOCATED FOR DREDGING	11547	253D5	22/20
29339	Beaufort Inlet Channel Lighted Buoy 9	RELOCATED FOR DREDGING	11547	237D5	21/20
29345	Beaufort Inlet Channel Lighted Buoy 11	RELOCATED FOR DREDGING	11547	237D5	21/20
29350	Beaufort Inlet Channel Lighted Buoy 12	RELOCATED FOR DREDGING	11547	237D5	21/20
29365	Beaufort Inlet Channel Lighted Buoy 13	DISCONTINUED FOR DREDGING	11547	077D5	07/20
30050	Banks Channel Light 1	DISCONTINUED FOR DREDGING	11541	131D5	12/20
30055	Banks Channel Light 2	DISCONTINUED FOR DREDGING	11541	131D5	12/20
30340	Cape Fear River Entrance Channel Lighted Buoy 6	RELOCATED FOR DREDGING	11537	136D5	13/20
30350	Cape Fear River Entrance Channel Lighted Buoy 8	RELOCATED FOR DREDGING	11534	136D5	13/20
30373	Cape Fear River Entrance Channel Lighted Buoy 13	RELOCATED FOR DREDGING	11534	136D5	13/20
30695	Cape Fear River Channel Lighted Buoy 35	RELOCATED FOR DREDGING	11534	521D5	50/19
30705	Cape Fear River Channel Lighted Buoy 38	DISCONTINUED FOR DREDGING	11534	135D5	13/20
30795	Cape Fear River Channel Lighted Buoy 52	RELOCATED FOR DREDGING	11537	521D5	50/19
30810	Cape Fear River Channel Lighted Buoy 54	DISCONTINUED FOR DREDGING	11537	521D5	50/19
30830	Cape Fear River Channel Lighted Buoy 56	RELOCATED FOR DREDGING	11537	135D5	13/20

38825	Peletier Creek Entrance Channel Buoy 2	DISCONTINUED	11541	556D5	51/18
38830	Peletier Creek Entrance Channel Daybeacon 3	DISCONTINUED	11541	556D5	51/18
38833	Peletier Creek Entrance Channel Buoy 4	DISCONTINUED	11541	556D5	51/18
39885	Cape Fear River Channel Lighted Buoy 35	RELOCATED FOR DREDGING	11534	521D5	50/19

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

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

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

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

11009 39th Ed. 01-APR-11 Last LNM: 25/20 NAD 83 26/20
ChartTitle: **Cape Hatteras to Straits of Florida**
Main Panel 378 CAPE HATTERAS TO STRAITS OF FLORIDA. Page/Side: N/A

RELOCATE	NOAA Lighted Data Buoy 41001 (ODAS)	CGD05 from 34-43-07.000N to 34-43-27.000N	 072-19-47.000W 072-19-00.000W

11537 40th Ed. 01-FEB-15 Last LNM: 44/17 NAD 83 26/20
ChartTitle: **Cape Fear River Cape Fear to Wilmington**
CHART NC- CAPE FEAR RIVER:- CAPE FEAR RIVER TO WILMINGTON. Page/Side: N/A

CHANGE	Big Island Lower South Range Rear Light to Iso 6s 37ft (Day/Night).	CGD05 at 34-07-18.525N	 077-55-57.090W
CHANGE	Big Island Upper South Range Front Light to Q 15ft (Day/Night).	CGD05 at 34-07-47.269N	 077-56-05.384W
CHANGE	Big Island Upper South Range Rear Light to Iso 6s 30ft (Day/Night).	CGD05 at 34-07-38.968N	 077-55-55.184W
CHANGE	Keg Island Range Front Light to Q 19ft (Day/Night).	CGD05 at 34-07-47.269N	 077-56-05.384W

CGD05

CHANGE	Keg Island Range Rear Light to Iso 6s 35ft (Day/Night).	at 34-08-05.721N CGD05	077-56-04.109W
CHANGE	Lower Brunswick North Range Front Light to Q 22ft (Day/Night).	at 34-09-46.388N CGD05	077-57-43.735W
CHANGE	Lower Brunswick North Range Rear Light to Iso 6s 34ft (Day/Night).	at 34-09-54.022N	077-57-48.365W

11541 42nd Ed. 01-FEB-19 Last LNM: 22/19 NAD 83 26/20

ChartTitle: **Intracoastal Waterway Neuse River to Myrtle Grove Sound**

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

RELOCATE	Core Creek Buoy 30A	CGD05 from 34-45-13.356N to 34-45-24.236N	076-40-32.681W 076-40-26.369W

11545 67th Ed. 01-JUL-19 Last LNM: 23/19 NAD 83 26/20

ChartTitle: **Beaufort Inlet and Part of Core Sound;Lookout Bight**

CHART NC- BEAUFORT INLET AND PART OF CORE SOUND. Page/Side: N/A

RELOCATE	Core Creek Buoy 30A	CGD05 from 34-45-13.356N to 34-45-24.236N	076-40-32.681W 076-40-26.369W

12200 53rd Ed. 01-OCT-18 Last LNM: 49/18 NAD 83 26/20

ChartTitle: **Cape May to Cape Hatteras**

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

ADD	CVOW Lighted Meteorological Buoy D Yellow Fl (5)Y 20s	CGD05 at 36-53-29.630N	075-29-15.983W
ADD	Coastal Virginia Offshore Wind Turbine Lights (3) CV-A01 Yellow with Horn Fl Y 5s 62 Ft	CGD05 at 36-53-46.661N	075-29-29.899W
ADD	Coastal Virginia Offshore Wind Turbine Lights (3) CV-A02 Yellow Fl Y 5s Racon: D (-**) 62 Ft	CGD05 at 36-53-12.587N	075-29-29.681W

12204 39th Ed. 01-JUN-18 Last LNM: 39/19 NAD 83 26/20

ChartTitle: **Currituck Beach Light to Wimble Shoals**

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

RELOCATE	Walter Slough Buoy 10	CGD05 from 35-47-34.939N to 35-47-35.050N	075-33-17.418W 075-33-17.310W
RELOCATE	Walter Slough Buoy 8	CGD05 from 35-47-31.910N to 35-47-32.271N	075-33-26.396W 075-33-24.303W
RELOCATE	Walter Slough Daybeacon 6	CGD05 from 35-47-27.967N to 35-47-27.565N	075-33-49.740W 075-33-49.198W

12205 35th Ed. 01-FEB-17 Last LNM: 39/19 NAD 83 26/20

ChartTitle: **Cape Henry to Pamlico Sound, Including Albemarle Sd.; Rudee Heights**

CHART VA-NC- CAPE HENRY TO PAMLICO SOUND (including ALBEMARLE SOUND). Page/Side: N/A

RELOCATE	Walter Slough Buoy 10	CGD05 from 35-47-34.939N to 35-47-35.050N	075-33-17.418W 075-33-17.310W
RELOCATE	Walter Slough Buoy 8	CGD05 from 35-47-31.910N to 35-47-32.271N	075-33-26.396W 075-33-24.303W
RELOCATE	Walter Slough Daybeacon 6	CGD05 from 35-47-27.967N to 35-47-27.565N	075-33-49.740W 075-33-49.198W

12207 25th Ed. 01-AUG-19 Last LNM: 44/17 NAD 83 26/20

ChartTitle: **Cape Henry to Currituck Beach Light**

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

ADD	CVOW Lighted Meteorological Buoy D	CGD05 at 36-53-29.630N	075-29-15.983W

Yellow
Fl (5)Y 20s

ADD	Coastal Virginia Offshore Wind Turbine Lights (3) CV-A01 Yellow with Horn Fl Y 5s 62 Ft	CGD05 at 36-53-46.661N	075-29-29.899W
ADD	Coastal Virginia Offshore Wind Turbine Lights (3) CV-A02 Yellow Fl Y 5s 62 Ft Racon: D (-**)	CGD05 at 36-53-12.587N	075-29-29.681W

12211 49th Ed. 01-MAY-20 Last LNM: 44/17 NAD 83 26/20

ChartTitle: **Fenwick Island to Chincoteague Inlet;Ocean City Inlet**

CHART DE-MD-VA-FENWICK ISLAND TO CHINCOTEAGUE INLET. Page/Side: N/A

RELOCATE	Sinepuxent Bay Channel Buoy 35	CGD05 from 38-11-05.502N to 38-10-53.800N	075-12-53.064W 075-13-09.682W

12273 60th Ed. 01-APR-18 Last LNM: 15/19 NAD 83 26/20

ChartTitle: **Chesapeake Bay Sandy Point to Susquehanna River**

Main Panel 625 CHESAPEAKE BAY SANDY PT TO SUSQUEHANNA RIVER - -. Page/Side: -

CHANGE	Gunpowder River Light 13 to Gunpowder River Lighted Buoy 13, FL G 4s at	CGD05 39-22-34.145N	076-20-06.395W
CHANGE	Sassafras River Light 3 to Sassafras River Light 3A	CGD05 39-22-11.282N	075-58-44.654W
ADD	Sassafras River Buoy 3 Green Can	CGD05 at 39-22-19.122N	075-59-02.509W

12274 38th Ed. 01-FEB-19 Last LNM: 39/19 NAD 83 26/20

ChartTitle: **Head of Chesapeake Bay**

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

CHANGE	Gunpowder River Light 13 to Gunpowder River Lighted Buoy 13, FL G 4s at	CGD05 39-22-34.145N	076-20-06.395W
CHANGE	Sassafras River Light 3 to Sassafras River Light 3A	CGD05 39-22-11.282N	075-58-44.654W
ADD	Sassafras River Buoy 3 Green Can	CGD05 at 39-22-19.122N	075-59-02.509W

13003 52nd Ed. 01-OCT-15 Last LNM: 24/20 NAD 83 26/20

ChartTitle: **Cape Sable to Cape Hatteras**

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

RELOCATE	NOAA Lighted Data Buoy 41001 (ODAS)	CGD05 from 34-43-07.000N to 34-43-27.000N	072-19-47.000W 072-19-00.000W

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) **Project Date** **Ref. LNM**

None

Advance Notice(s)

******MD – CHOPTANK RIVER – HAMBROOKS BAR WARNING LIGHT – CHANGE TO AID TO NAVIGATION******

Hambrooks Bar Warning Light (LLNR 24995) is extinguished. Due to structural failure of the light, it cannot be accessed to relight the light or for maintenance. On or about July 6, 2020 the aid will be renamed to Hambrooks Bar Warning Daybeacon until the structure can be removed.

Charts: 12263 12266 12268 LNM: 25/20

******NC – CURRITUCK BEACH LIGHT TO WIMBLE SHOAL – AID TO NAVIGATION – REMOVAL******

UPDATED DATE. On or about second week of September 2020, the Coast Guard will discontinue Currituck Lighted Buoy 6 (LLNR 560) and Bodie Island Lighted Buoy 8 (LLNR 565).

Charts: 12200 12204 LNM: 23/20

******NC – CAPE HENRY TO PAMLICO SOUND – OREGON INLET – AIDS TO NAVIGATION ESTABLISHMENT – OREGON INLET CUT******

On or about the third week of July, the Coast Guard will establish four buoys to mark Oregon Inlet Cut starting in the vicinity of Oregon Inlet Channel Buoy 26 (LLNR 28083) traveling north and ending in the vicinity of Walter Slough Buoy 8 (LLNR 28335).
The following new Aids to Navigation will be established.
Oregon Inlet Cut Buoy 2 (LLNR 28084.2)
Oregon Inlet Cut Lighted Buoy 3 (LLNR 28084.3) with characteristics Fl G 4s 4M
Oregon Inlet Cut Buoy 4 (LLNR 28084.4)
Oregon Inlet Cut Buoy 5 (LLNR 28084.5)
Charts: 11520 11534 11536 LNM: 26/20

******NC – SEACOAST – CAPE HATTERAS TO LITTLE RIVER INLET – SHALLOTTE INLET – AID TO NAVIGATION REMOVAL******

On or about the middle of August 2020, the Coast Guard will discontinue Shallotte Inlet Lighted Whistle Buoy SH (LLNR 870).
Chart 11520 LNM: 23/20

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Proposed Project(s)	Closing	Docket No.	Ref. LNM
None			

Proposed Change Notice(s)

COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES

Periodically, the Coast Guard evaluates the system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard, the Coast Guard is evaluating changes in aids to navigation as noted in the articles. Users can provide feedback by filling out the District 5 Waterway Proposals data/feedback form, located at the NAVCEN D5 LNM website:
https://www.navcen.uscg.gov/pdf/lnms/D05_Proposal_Feedback_Form.pdf
This section also includes Public Notices for proposed changes to the bridges within the Fifth Coast Guard with a request for comments as indicated.

LNM: 04/20

******NJ – NEW JERSEY INTRACOASTAL WATERWAY – PROPOSAL TO CONVERT FIXED AIDS TO FLOATING AIDS******

Manasquan to Atlantic City.
Due to extensive deterioration, associated hazards, and inaccessibility of the waterway; the Coast Guard is proposing to convert the following aids to unlit seasonal buoys.
New Jersey Intracoastal Waterway Daybeacon 31 (LLNR 35085)
New Jersey Intracoastal Waterway Daybeacon 33 (LLNR 35090)
New Jersey Intracoastal Waterway Light 74 (LLNR 35285)
New Jersey Intracoastal Waterway Daybeacon 75 (LLNR 35290)
New Jersey Intracoastal Waterway Daybeacon 84 (LLNR 35330)
New Jersey Intracoastal Waterway Light 88 (LLNR 35345)
New Jersey Intracoastal Waterway Light 99 (LLNR 35390)
New Jersey Intracoastal Waterway Light 189 (LLNR 35770)
New Jersey Intracoastal Waterway Daybeacon 197 (LLNR 35800)
Due to extensive deterioration, associated hazards, and inaccessibility of the waterway; the Coast Guard is proposing to convert the following aid to a lighted seasonal buoy.
New Jersey Intracoastal Waterway Light 189 (LLNR 35770)
Atlantic City to Cape May
Due to extensive deterioration, associated hazards, and inaccessibility of the waterway; the Coast Guard is proposing to convert the following aids to unlit seasonal buoys.
New Jersey Intracoastal Waterway Daybeacon 444 (LLNR 36605)
New Jersey Intracoastal Waterway Daybeacon 448 (LLNR 36620)
New Jersey Intracoastal Waterway Daybeacon 450 (LLNR 36630)
New Jersey Intracoastal Waterway Daybeacon 473 (LLNR 36705)
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at
https://www.navcen.uscg.gov/pdf/lnms/D05_Proposal_Feedback_Form.pdf
All comments will be carefully considered and are requested prior to August 24, 2020 to be considered in the analysis. Refer to project number 05-20-055(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: Ethan Coble

Portsmouth, VA 23704

Charts: 12316 12324 LNM: 26/20

******MD – POTOMAC RIVER – PROPOSED CHANGE TO FORT WASHINGTON LIGHT 80******

In association with the National Park Services refurbishment of the lighthouse structure at Fort Washington the Coast Guard Fifth District is proposing to remove the lighting equipment and dayboard and establish a new light in the river.
Relocate/Rename: Fort Washington Light 80 (LLNR 18560) to Light 80 in approximate position 38 42 40.788N, 77 02 16.476W, with a flashing 6 second red light at an optic height of 18 ft., a nominal range of 4nm and TR dayboards.
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at https://www.navcen.uscg.gov/pdf/lnms/D05_Proposal_Feedback_Form.pdf
All comments will be carefully considered and are requested prior to August 10, 2020 to be considered in the analysis. Refer to project number 05-20-053(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: 12285 12289 LNM: 24/20

******VA – NORFOLK HARBOR AND ELIZABETH RIVER – PROPOSED AID TO NAVIGATION CHANGES******

The Fifth District Coast Guard is proposing the following changes to the aids to navigation marking the Western Branch Channel.
Convert: Daybeacon 7 (LLNR 9765) to Buoy 7 in approximate position 36 51 18.833N, 76 21 20.418W after wreckage from former daybeacon has been removed.
Convert: Daybeacon 9 (LLNR 9770) to Buoy 9 in approximate position 36 51 09.624N, 76 21 20 418W.
Convert: Daybeacon 10 (LLNR 9775) to Buoy 10 in approximate position 36 50 48.569N, 76 21 35.125W.
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at https://www.navcen.uscg.gov/pdf/lnms/D05_Proposal_Feedback_Form.pdf
All comments will be carefully considered and are requested prior to August 3, 2020 to be considered in the analysis. Refer to project number 05-20-048(D)
Send comments to CGD5Waterways@uscg.mil, or mail to:
U.S. Coast Guard Fifth District
Attn: Albert Grimes
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704

Chart 12253 LNM: 23/20

******VA – HAMPTON ROADS – ELIZABETH RIVER – PROPOSED AID TO NAVIGATION CHANGES******

The Coast Guard Fifth District is proposing the following changes to the aids to navigation marking the Elizabeth River Channel. All of the Elizabeth River aids will be positioned approximately 75'outside the channel limits. Channel will be removed from all the aids names.
Elizabeth River:
Relocate: Lighted Buoy 1ER (LLNR 94450) to approximate position 36 59 16.150N—76 18 40.580W.
Relocate: Lighted Bell Buoy 3 (LLNR 9465) to approximate position 36 58 25.620N—76 19 43.890W, remove bell and rename to Elizabeth River Lighted Buoy 3.
Relocate: Lighted Gong Buoy 5 (LLNR 9470) to approximate position 36 58 00.230N—76 19 59.790W, remove gong and rename to Elizabeth River Lighted Buoy 5.
Relocate: Lighted Buoy 7 (LLNR 9475) to approximate position 36 57 44.480N—76 20 01.080W and change the flash characteristic to flashing 2.5 second light.
Relocate: Lighted Buoy 8 (LLNR 9500) to approximate position 36 57 01.580N—76 20 21.720W. Relocate: Lighted Buoy 9 (LLNR 9515) to approximate position 36 56 37.040N—76 20 06.610W.
Relocate: Lighted Bell Buoy 10 (LLNR 9520) to approximate position 36 56 35.900N—76 20 24.000W, remove bell and rename to Elizabeth River Lighted Buoy 10.
Relocate: Lighted Buoy 11 (LLNR 9525) to approximate position 36 55 47.531N—76 20 10.288W.
Relocate: Lighted Buoy 12 (LLNR 9530) to approximate position 36 55 47.570N—76 20 27.950W.
Relocate: Lighted Buoy 13 (LLNR 9535) to approximate position 36 55 06.613N—76 20 14.004W.
Relocate: Lighted Buoy 14 (LLNR 9540) to approximate position 36 55 05.830N—76 20 31.370W.
Relocate: Lighted Buoy 15 (LLNR 9545) to approximate position 36 54 44.159N—76 20 15.821W.
Relocate: Lighted Buoy 17 (LLNR 9595) to approximate position 36 54 16.950N—76 20 11.230W.
Relocate: Lighted Buoy 18 (LLNR 9600) to approximate position 36 54 15.740N—76 20 22.840W.
Relocate: Lighted Buoy 19 (LLNR 9605) to approximate position 36 53 44.080N—76 20 05.620W, 120 feet outside charted "Cable Area".
Relocate: Lighted Buoy 20 (LLNR 9620) to approximate position 36 53 32.150N—76 20 15.360W.
Relocate: Lighted Buoy 21 (LLNR 9625) to approximate position 36 53 07.190N—76 19 59.320W.
Discontinue: Lighted Buoy 23 (LLNR 9630) and remove from charted "Pipeline Area".
Relocate: Lighted Buoy 25 (LLNR 9710) to approximate position 36 52 27.880N—76 19 52 500W.
Relocate: Lighted Buoy 29 (LLNR 9715) to approximate position 36 52 13.420N—76 19 42.850W.
Relocate: Lighted Buoy 30 (LLNR 9735) to approximate position 36 52 00.590N—76 19 41.340W.
Discontinue: Buoy 31 (LLNR 9835).
Relocate: Lighted Buoy 32 (LLNR 9840) to approximate position 36 51 35.030N—76 19 04.570W and change the flash characteristic to flashing 2.5 second light.
Relocate: Lighted Buoy 33 (LLNR 9850) to approximate position 36 51 27.860N—76 18 37.230W and change the flash characteristic to a flashing 2.5 second light.

Discontinue: Buoy 34 (LLNR 9855).
Relocate: Lighted Buoy 36 (LLNR 9900) to approximate position 36 50 49.740N—76 17 59.310W.
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 Coast Guard Fifth District Waterway Data Sheet, available at https://www.navcen.uscg.gov/pdf/lnms/D05_Proposal_Feedback_Form.pdf
All comments will be carefully considered and are requested prior to July 27, 2020 to be considered in the analysis. Refer to project number 05-20-041(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: 12245 12253 LNM: 22/20

******NC – INTRACOASTAL WATERWAY – NEUSE RIVER TO MYRTLE GROVE SOUND – PELETIER CREEK – PROPOSAL TO DISCONTINUE TO AIDS TO NAVIGATION******

Due to sever shoaling, the Coast Guard is proposing to discontinue the following aids;
Peletier Creek Entrance Warning Daybeacon A (LLNR 38820)
Peletier Creek Entrance Channel Buoy 2 (LLNR 38825)
Peletier Creek Entrance Channel Daybeacon 3 (LLNR 38830)
Peletier Creek Entrance Channel Buoy 4 (LLNR 38833)
Peletier Creek Entrance Warning Daybeacon B (LLNR 38835)
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at https://www.navcen.uscg.gov/pdf/lnms/D05_Proposal_Feedback_Form.pdf
All comments will be carefully considered and are requested prior to August 24, 2020 to be considered in the analysis. Refer to project number 05-20-057(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: Ethan Coble
Portsmouth, VA 23704

Chart 11541 LNM: 26/20

SECTION VII - GENERAL

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

VA - ATLANTIC OCEAN - WALLOPS ISLAND ROCKET LAUNCHES

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

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

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

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 21either 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 - 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.ON 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.

******NJ – DE – SEACOAST OF NJ INCLUDING OFFSHORE APPROACHES TO THE DELAWARE BAY - PORT ACCESS ROUTE STUDY (PARS)******

The Coast Guard is conducting a Port Access Route Study (PARS) to determine whether existing or additional vessel routing measures are necessary along the seacoast of New Jersey and approaches to the Delaware Bay. The PARS will consider whether existing or additional routing measures are necessary to improve navigation safety due to factors such as planned or potential offshore development, current port capabilities and planned improvements, increased vessel traffic, existing and potential anchorage areas, changing vessel traffic patterns, weather conditions, or navigational difficulty. Vessel routing measures are implemented to reduce the risk of marine casualties. Examples of potential measures include traffic separation schemes, two-way routes, recommended tracks, deep-water routes, precautionary areas, and areas to be avoided. The recommendations of the study may lead to future rulemakings or international agreements.
Please see this link to the Federal Register: https://www.federalregister.gov/documents/2020/05/05/2020-09538/port-access-route-study-seacoast-of-new-jersey-including-offshore-approaches-to-the-delaware-bay?utm_medium=email&utm_campaign=subscription+mailing+list&utm_source=federalregister.gov
DATES: Comments and related material must be received on or before July 6, 2020. Requests for a public meeting must be submitted on or before June 4, 2020.
FOR FURTHER INFORMATION CONTACT: If you have questions about this notice of study, call or email Mr. Jerry Barnes, Fifth Coast Guard District (dpw), U.S. Coast Guard; telephone (757) 398–6230, email Jerry.R.Barnes@uscg.mil; or Mr. Matt Creelman, Fifth Coast Guard District (dpw), U.S. Coast Guard; telephone (757) 398–6225, email Matthew.K.Creelman2@uscg.mil.
See Enclosure 10 for a chartlet of the area

Charts: 12200 12214 12300 LNM: 18/20

******NJ – OFFSHORE – APPROCHES TO NEW YORK – SURVYING******

From 10 Jun to 01 Aug 2020, The TIDEWATER ROYAL and TIDEWATER HIGHLAND EAGLE will be conducting Surveys and Core Penetration Testing in the area between the Ambrose to Nantucket Traffic Lane and the Hudson Canyon to Ambrose Traffic Lane surveying . The vesselS may be contacted on VHF-FM Channel 16 or at 504-264-5038. For more information, contact Flanery Tangang at 757-364-6111.

Chart 12300 LNM: 22/20

******NJ - SHARK RIVER INLET – DREDGING******

The US Army Corps of Engineers will be conducting maintenance dredging with the hopper dredge CURRITUCK in the vicinity of Shark River Inlet

******NJ - SHARK RIVER INLET – DREDGING******

daily from 6:00 a.m. to 6:00 p.m. beginning July 19 through July 24, 2020. Mariners are reminded to maintain a safe distance from all dredge equipment and vessels. The dredge CURRITUCK can be contacted on VHF-FM Channel 13 or 16.

Chart 12324 LNM: 25/20

******NJ - SEA GIRT TO LITTLE EGG INLET – GLIMMER GLASS – W9 - MONMOUTH COUNTY BRIDGE – CLOSED TO NAVIGATION******

The Monmouth County Bridge (W-9) across the Glimmer Glass, (Debbie's Creek) at Manasquan, NJ, that was placed in the closed-to-navigation position at 12:01 a.m. on April 22, 2020, will remain in the closed-to-navigation position until 11:59 p.m. on October 18, 2020; except for scheduled openings on the hour if any vessels are waiting to pass. The closure is necessary due to reduced personnel staffing related to the coronavirus (COVID-19) pandemic. During the closure, the bridge will open on signal on the hour if any vessels are waiting to pass. The vertical clearance of the bridge in the closed-to-navigation position is 9 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 for emergencies. At all other times the bridge will operate per 33 CFR 117.719. Mariners should use caution when transiting the area.

Chart 12323 LNM: 25/20

******NJ – OFFSHORE – MANASQUAN - BARNEGAT LIGHT - ATLANTIC CITY – SURVEY ACTIVITIES******

The M/V FUGRO ENTERPISE, call sign WDD9388, will be conducting survey operations, using sensors towed approximately 150 meters behind the survey vessel until approximately August 15, 2020. Survey operations will occur within two route corridors. Corridor 1 extends from approximately 3 to 10 miles off the Atlantic City, New Jersey coast bounded by the following approximate positions:
NE Corner: 39° 17′ 44″N / 74° 14′ 56″W
SW Corner: 39° 16' 56"N / 74° 14' 57"W
North Central Mid-Point: 39° 19' 51"N / 74° 21' 39"W
South Central Mid-Point: 39° 19' 06"N / 74° 21' 51"W
NW Corner: 39° 21' 09"N / 74° 26' 11"W
SW Corner: 39° 20' 43"N / 74° 27' 23"W
Corridor 2 extends from approximately 0.5 to 9 miles off the New Jersey coast, between Barnegat Light and Manasquan Inlet bounded by the following approximate positions:
SE Corner: 39° 40′ 22″N / 73° 55′ 51″W
SW Corner: 39° 40' 22"N / 73° 56' 32"W
East Central Mid-Point: 40° 00' 26"N / 73° 57' 11"W
West Central Mid-Point: 40° 00' 22"N / 73° 58' 03"W
NE Corner: 40° 07' 30"N / 74° 01' 44"W
NW Corner: 40° 06' 32"N / 74° 01' 55"W
The M/V Fugro Enterprise 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 M/V Fugro Enterprise will be monitoring VHF channel 16 and can be contacted on these frequencies for safe passing arrangements. For more information contact Bruce Grimball 713-369-5672.

Charts: 12318 12323 LNM: 19/20

NJ – OFFSHORE – BARNEGAT LIGHT TO ATLANTIC CITY – SURVEY ACTIVITIES

The M/V FUGRO BRASILIS, call sign C6AP7, will be conducting survey operations, using sensors towed approximately 150 meters behind the survey vessel. Operations will begin on April 28, 2020 and continue to approximately August 14, 2020. The survey area is located about 9 to 20 miles 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 M/V FUGRO BRASILIS 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 M/V FUGRO BRASILIS will be monitoring VHF channel 16 and can be contacted on these frequencies for safe passing arrangements.

Charts: 12318 12323 LNM: 15/20

******NJ – ATLANTIC CITY – OF SHORE – SURVEY ACTIVITY******

The M/V GEOQUIP SAENTIS will be conduction survey operations in the off shore wind area OCS-A 0499 off Atlantic City NJ as depicted on Enclosure 8. All vessels are requested to remain 1nm clear of the GEOQUIP's position and pass with at a reduced speed. For more information contact Torran Purchase at 44 117 376 3068.

Chart 12318 LNM: 23/20

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

From 01 Aug to 30 Sep 2020, the M/V TIDEWATER ROYAL will be conducting surveys and vibrocore sampling in the off shore wind area OCS-A 0499 off Atlantic City NJ as depicted on Enclosure 8 and inside the following coordinates.
NE Corner: 39° 17′ 44″N / 74° 14′ 56″W
SW Corner: 39° 16' 56"N / 74° 14' 57"W
North Central Mid-Point: 39° 19' 51"N / 74° 21' 39"W
South Central Mid-Point: 39° 19' 06"N / 74° 21' 51"W
NW Corner: 39° 21' 09"N / 74° 26' 11"W
SW Corner: 39° 20' 43"N / 74° 27' 23"W
For more information or questions, contact Flanery Tangang at 757-487-2919.

Chart 12318 LNM: 22/20

******NJ – OFFSHORE – ATLANTIC CITY – MANASQUAN TO BARNEGAT LIGHT – SURVEY ACTIVITY******

Marine Geophysical Survey Operations will take place offshore of Atlantic City and Point Pleasant, NJ. R/V AQUEOS SPLASH, call sign WDH9259, is planned to arrive in the area on or about June 27 and is expected to be in operation through August 15, 2020. Average vessel speed will be 3.5 knots while surveying, maximum vessel speed is 10 knots during transits. The Aqueos Splash will be restricted in her ability to maneuver and is requesting mariners operating in or transiting the area to give a 1 NM CPA.

******NJ – OFFSHORE – ATLANTIC CITY – MANASQUAN TO BARNEGAT LIGHT – SURVEY ACTIVITY******

Charts: 12316 12324 LNM: 26/20

NJ – BARNEGAT INLET TO OCEAN CITY– OFF SHORE – SURVEY ACTIVITIES

UPDATED VESSEL INFORMATION. Survey Vessels NORTHSTAR COMMANDER AND EXPLORER are conducting surveys in the Ocean Wind offshore wind area and cable route. See Enclosure 8. All Mariners transiting or fishing in the survey area are requested to give a wide berth to survey vessels, as they may be limited in their ability to maneuver (VRAM) and towing gear out to 300 meters behind the vessel. For additional information or questions, contact John OKeeffe at 857-332-4485.

Chart 12318 LNM: 04/20

******NJ – SEA GRIT TO LITTLE EGG INLET – OCEAN SIDE OF BARNEGAT BAY - SURVEY ACTIVITIES******

Ocean Wind Survey Vessels HENRY HUDSON and VISION will be conducting survey activities on the ocean side of Barnegat Bay.

Chart 12323 LNM: 23/20

******NJ - GREAT EGG HARBOR INLET TO TOWNSENDS INLET, AND PECK BEACH – DREDGING - BEACHFILL******

Great Lakes Dredge & Dock Company will be conducting dredging and beachfill operations from Great Egg Harbor Inlet to Townsends Inlet, and Peck Beach, Cape May County, New Jersey. Operations will commence in June and continue until Oct 2020. Material will be dredged from the Great Egg Harbor Inlet Borrow Area and be pumped directly to shore from the hydraulic dredge OHIO. VHF- FM Channels 13 & 16 will be monitored 24hr/day, 7 day/week. For more information or questions contact Stuart Hilgendorf Project Manager (443) 831-0785 or SHilgendorf@gldd.com.

Chart 12318 LNM: 25/20

******NJ – SEA ISLE CITY – DREDGING - BEACHFILL******

Great Lakes Dredge & Dock Company will be conducting dredging and beachfill operations in Sea Isle City. Operations will commence in June and continue until Oct 2020. Material will be dredged from the L1 Borrow Area and be pumped directly to shore from the hydraulic dredge LIBERTY ISLAND. VHF- FM Channels 13 & 16 will be monitored 24hr/day, 7 day/week. For more information or questions contact Stuart Hilgendorf Project Manager (443) 831-0785 or SHilgendorf@gldd.com.

Chart 12318 LNM: 25/20

******NJ – LITTLE EGG INLET TO HEREFORD INLET - SURVEY ACTIVITIES******

Ocean Wind Survey Vessels HENRY HUDSON and VISION are conducting survey activities in nearshore waters off Ocean City.

Chart 12318 LNM: 26/20

******NJ – INTRACOASTAL WATERWAY – STONE HARBOR BOULEVARD BRIDGE – CLOSED TO NAVIGATION******

UPDATED DATES. Bridge maintenance will be performed on the Stone Harbor Boulevard Bridge (CR 657) over Great Channel, New Jersey Intracoastal Waterway, mile 102.0, between Stone Harbor and Nummy Island, NJ, from June 8, 2020, through July 1, 2020. To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 8 p.m. to 6 a.m. from June 8, 2020, through July 1, 2020. Vessels able to pass through the bridge in the closed position may do so at any time. The bridge will be able to open for emergencies, if at least one hour notice is given. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.720. Mariners should use caution when transiting the area.

Chart 12316 LNM: 24/20

NJ - DE – OFFSHORE – ENTRANCE TO DELAWARE BAY - GEOTECHNICAL SURVEYING

The Skipjack Wind Farm (SJWF) is an offshore wind farm planned for federal waters off the coast of Delaware and Maryland. The SJWF will consist of wind turbines, an offshore substation, and subsea transmission system to shore. Marine survey activities are currently ongoing. Marine construction is planned to start in 2022. Mariners transiting or fishing in the survey area are requested to provide a wide berth to survey vessels, as they will be limited in their ability to maneuver, and deploying various equipment to the seabed. For more information, contact Edward LeBlanc, Orsted Marine Affairs Manager, at 978-447-2737.

Chart 12214 LNM: 33/19

******PA – DELAWARE RIVER - SCHUYLKILL RIVER - SUBMERGED OBJECT******

A submerged object has been reported in the Schuylkill River near Mud Island. Mariners are advised to use extreme caution when transiting this portion of the Schuylkill River as depth at mean low low water could be hazardous to navigation. Vessels drafting over 25 feet should avoid this area and transit around the object. Minimum depth 31.6 feet at mean low low water. Approximate location 39°53.275063N, 075°11.698723W. Approximately 25 feet west of channel centerline.

The U.S. Army Corps of Engineers is currently evaluating the object and assessing the potential for removal. If you have any questions regarding the content of this bulletin, please contact the Waterways Management staff at (215) 271-4814 or the Command Center at (215) 271-4807.

Chart 12313 LNM: 02/20

******PA – NJ – DELAWARE RIVER – PHILADELPHIA HARBOR – SUBMERGED OBSTRUCTIONS******

The Army Corps of Engineers in Philadelphia has located five submerged objects within the Philadelphia Harbor area of the Delaware River. These objects are as follows:

Object 1: Latitude: 39 58.163308 N, Longitude: 075 07.013911 W Depth at MLLW=21'
Object 2: Latitude: 39 58.011515 N, Longitude: 075 07.35325 W Depth at MLLW=39.9'
Object 3: Latitude: 39 57.703381 N, Longitude: 075 57.703381 W Depth at MLLW=38.4'
Object 4: Latitude: 39 57.692964 N, Longitude: 075 07.925196 W Depth at MLLW=38.7'
Object 5: Latitude: 39 54.334224 N, Longitude: 075 07.940211 W Depth at MLLW=35.7'

See Enclosures 10, 11 and 12.

There is currently no timetable for removal of these objects.

Chart 12312 LNM: 25/20

******PA – NJ – DELAWARE RIVER – FRANKFORT CHANNEL – TACONY CHANNEL – MUD ISLAND RANGE - SUBMERGED OBJECTS******

Submerged objects that have been reported in the Frankford Channel, Tacony Channel, Mud Island Range and Edgewater Channel on the

******PA – NJ – DELAWARE RIVER – FRANKFORT CHANNEL – TACONY CHANNEL – MUD ISLAND RANGE - SUBMERGED OBJECTS******

Delaware River. Mariners are advised to use extreme caution when transiting these portions of the Delaware River as some depths at mean low low water could be hazardous to navigation. Vessels drafting over 35 feet should avoid these areas and transit around the objects.
Frankford Channel:
Minimum depth 39.7 feet at mean low low water.
Approximate location 40°0.931N, 075°2.099W.
Approximately 10 feet inside green toe.
Tacony Channel:
Minimum depth 39.8 feet at mean low low water.
Approximate location 40°1.019N, 075°1.720W.
Approximately on centerline of channel.
Mud Island Range:
Minimum depth 36.2 feet at mean low low water.
Approximate location 40°2.563N, 074°59.026W.
Approximately 25 feet east of channel centerline.
Edgewater Channel Object:
Minimum depth 37.1 feet at mean low low water.
Approximate location 40°04.32016N, 074°54.581715W.
Approximately 30 feet inside green toe.
The U.S. Army Corps of Engineers is currently evaluating the objects and assessing the potential for removal. If you have any questions regarding the content of this bulletin, please contact the Waterways Management staff at (215) 271-4814 or the Command Center at (215) 271-4807.

Chart 12314 LNM: 52/19

******PA – NJ – DELAWARE RIVER – TACONY PALMYRA BRIDGE – REDUCED VERTICAL CLEARANCE******

An engineering firm, on behalf of the Burlington County Bridge Commission, will be painting the SR 73 (Tacony-Palmyra) Bridge across the Delaware River, mile 107.2, in between Tacony, PA, and Palmyra, NJ. To facilitate the work, scaffolding will be installed underneath the bridge and will reduce the vertical clearance by 4 feet at the Tacony Truss and Palmyra Truss Spans and by 3 feet at the Arch Span. The paint project will be conducted from March 25, 2019, to October 26, 2020, Monday through Saturday, from 7 a.m. to 5 p.m. The Project Foreman can be reached at (865) 429-3400 or VHF/FM Ch. 13. Mariners are urged to use caution when transiting the area.

Chart 12314 LNM: 24/20

******DE – DELAWARE RIVER – NEW CASTLE RANGE - RED LION CREEK – CONSTRUCTION******

From 1 Jul to approximately 12 Aug 2020, Delaware DOT will be conducting repairs to the Red Lion Creek Tide Gates and Dyke. Work will include constructing cofferdams on both sides of the existing Tide Gates and dewatering the area around the gates. Mariners are urged to transit the area with caution. For more information, contact Anna Smith, DelDOT at 302-760-2126 or anna.smith@state.de.us.

Chart 12311 LNM: 23/20

******DE – DELAWARE RIVER – CHRISTINA RIVER – I-95 BRIDGE******

An engineering firm on behalf of the Delaware Department of Transportation will be performing maintenance on the I-95 Bridge, over Christina River, at mile 5.5, in Newport, Delaware. The maintenance will be conducted between Thursday, July 2, 2020, and Monday, March 1, 2021; Mon-Thurs; from 7 a.m. to 5 p.m. The maintenance will require one 30 x 40 foot barge to be anchored parallel to each pier while that pier has maintenance performed. Each span is 80 feet wide, which will leave approximately a 49-foot opening for vessels to pass alongside the barge. All additional spans will retain their 80-foot horizontal openings. The project superintendent can be reached at 484-318-0713. Mariners should use caution when transiting the area.

Chart 12311 LNM: 25/20

******DE – DELAWARE RIVER – CHRISTINA RIVER – I-495 BRIDGE******

An engineering firm, on behalf of Delaware Department of Transportation, will be performing bridge maintenance on the I-495 Bridge across the Christina River, mile 1.3, at Wilmington, DE. Bridge maintenance will be conducted 24 hours/day, 7 days/week, from June 29, 2020, through December 31, 2020. To facilitate the work, a 40-foot by 24-foot barge and other smaller barges, floats and vessels will be in the vicinity of the bridge outside the navigation channel. Mariners may contact the project superintendent at (302) 229-9817.

Chart 12311 LNM: 26/20

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - ISLE OF WIGHT BAY – HAZARD TO NAVIGATION

The Coast Guard received a report of a 12-14 inch diameter dredge pipe running through Isle of Wight Bay. It is marked by a danger obstruction buoy in position 3821.474N 07505.701W. Mariners are urged to transit the area with caution. MD-NCR BNM 170-19

Chart 12211 LNM: 24/19

******MD – CHESAPEAKE BAY – POINT NO POINT – ARTIFICIAL REEF DEPLOYMENT******

The Maryland Artificial Reef Initiative will be deploying concrete material at the Point No Point Artificial Reef Site, noted on the chart as a Fish Haven, one day between June 29 and July 3, 2020, weather permitting. The material will be deployed via crane at or near 38 06.300' N, 76 17.795' W, approximately two miles SE of Point No Point, north of the mouth of the Potomac River. On the day of deployment, a tugboat and barges carrying a crane and concrete will be spudded down at the site from 07:00 to 18:00. The Maryland DNR Artificial Reef Coordinator will be on site monitoring the deployment, and can be reached at Michael.Malpezzi@maryland.gov for questions.

Chart 12233 LNM: 25/20

MD – CHESAPEAKE BAY – PATUXENT RIVER AND VICINITY – SEDIMENT TEST BORING OPERATIONS

Sediment test boring operations are scheduled to commence at two locations in the middle Chesapeake Bay during April 30, 2020-July 31, 2020, during daylight hours only. Drilling will occur at multiple sites located: (1) north, west and south of Barren Island, in approximate position latitude 38°20′00″ N, longitude 076°16′00″ W; and (2) north and west of James Island, in approximate position latitude 38°31′00″ N, longitude 076°21′00″ W. Work will be performed using two drilling rigs (crane on large barge, drill rig on small barge), along with support tugs and shallow draft workboats. At other times when operations are not being conducted, barges will be secured to mooring buoys established at or near these locations. All marine equipment will be marked and lighted as required by U.S. Coast Guard regulations. Mariners are urged to use extreme caution

MD – CHESAPEAKE BAY – PATUXENT RIVER AND VICINITY – SEDIMENT TEST BORING OPERATIONS

when transiting these areas, and to operate at minimum speed necessary to maintain safe course that minimizes wake near the work sites. Interested mariners can contact the support vessels operating at these sites via marine band radio VHF-FM channels 16 and 13, or Smith Shipyard at telephone number (410) 355-7626.

Chart 12264 LNM: 15/20

******MD – CHOPTANK RIVER – HAMBROOKS BAR WARNING LIGHT – DEMOLITION******

Dissen and Juhn Company will be conducting demolition of Hambrooks Bar Warning Light (LLNR 24995) from 15 Jun to 30 July 2020. A spud barge and the Tug CONSTRUCTOR will be on scene or transporting materials to Cambridge Municipal Marina and may be contacted on VHF-FM channel 13. Contact Mark Dissen for more information or questions 410-507-5553.

Chart 12268 LNM: 20/20

******MD – CHESAPEAKE BAY – POPLAR ISLAND NARROWS – FERRY COVE – MARINE CONSTRUCTION******

Lane Engineering will be conducting marine construction operations in Ferry Cove near Lowes Wharf, in approximate position 38-46-08.04N, 76-19-47.35W. Work will begin 29 Jun and continue until 25 Sep 20202 and consist of installing a pier and water intakes. For more information or questions contact Sean Callahan at 410-221-0818.

Chart 12270 LNM: 26/20

******MD – BALTIMORE HARBOR – DREDGING******

McLean Contracting Company will be conducting dredging operations in the Baltimore Inner Harbor Channel near Fells Point. The dredge will need approx. 30-45 minutes notice to clear the channel for passing traffic. The tug RISING SUN will be towing barges in the Fort McHenry Channel over to the Ferry Bar Channel to the Masonville DMCF. All vessels are equipped with AIS. Mariners are cautioned to stay clear of dredge and barges associated with dredging operations. The hours of operation are 6:00 am to 6:00 pm, six days a week. For more information or questions, contact Eric Brinson, Dredge Supt at 910-330-5862 or ebrinson@mcleancontracting.com

Chart 12281 LNM: 24/20

******MD – HEAD OF CHESAPEAKE BAY - ABERDEEN TEST CENTER – LIVE FIRE EXERCISES******

The Aberdeen Test Center (ATC) will be conducting live fire exercises and operational testing of various watercraft, scheduled to begin on or about June 22, 2020 through August 4, 2020. The operation area includes: entering the water near Black Point, proceeding towards and operating in the Stoney Point area, then returning to the Black Point area. The watercraft will be accompanied by ATC Patrol boats to provide escort and ensure area is clear of public boats. All Commercial Fishing, to include placement of crab pots, in this area will be prohibited during these exercises.

Chart 12281 LNM: 26/20

******MD - ABERDEEN PROVING GROUND PROHIBITION OF MARINE GATHERINGS DUE TO COVID – 19******

Due to COVID-19, in order to protect the health and safety of our local community, marine gatherings are not authorized within the restricted waters of the Aberdeen Proving Ground military reservation, as described in 33 CFR 334.140, until further notice. Marine gatherings include, but are not limited to, the practice commonly known as a "raft-up," or the roping together of any number of small vessels, and gatherings of 8 or more people on one vessel. Boaters must maintain a minimum distance of 25 feet between vessels at all times.

Charts: 12273 12274 12278 LNM: 23/20

******MD – UPPER CHESAPEAKE BAY - ELK RIVER – DREDGING******

Southern Maryland Dredging, Inc. will be dredging a navigation channel in the upper headwaters of Elk River beginning at the Elk River Park public boat ramp and northward past Old Frenchtown Wharf into Big Elk Creek for a total distance of 8,900 feet. A dredge pipeline will be routed west of the channel to an approved upland disposal site. About 1.6 miles of pipeline will be in the immediate vicinity of the channel being dredged, both submerged and floating. This pipeline will be continuously marked with high visibility floating orange balls and a line of Danger and No Wake buoys. Dredging is to begin about 16 June and be completed about 30 July 2020. Operations are planned for 12 hours per day, 5 days per week. The dredge RHODES II monitors channel 8 for boating traffic. In addition to the dredge, 3 small work skiffs, a booster pump and one anchor barge will be on scene. For questions or additional information, contact Erika Wilson Goldman at 443-336-2320

Chart 12274 LNM: 24/20

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

The annual July 4th Celebration at Washington, D.C. is scheduled to occur on July 4, 2020. As described in Title 33 Code of Federal Regulations Section 165.508, the Coast Guard will establish a security zone (Zone 4), which includes all navigable waters of the Georgetown Channel, Potomac River, within 75 yards from the eastern shore measured perpendicularly to the shore, between the Long Railroad Bridge (the most eastern bridge of the 5-span, Fourteenth Street Bridge Complex) to the Theodore Roosevelt Memorial Bridge and all waters in between, totally including the waters of the Georgetown Channel Tidal Basin. This security zone will be enforced from 12:01 a.m. to 11:59 p.m. on July 4, 2020. Entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port (COTP) Maryland-National Capital Region. Persons desiring to transit the area of the security zone must first request authorization from the COTP Maryland-National Capital Region or his designated representative. Public vessels and vessels already at berth at the time the security zone is implemented do not have to depart the zone. All vessels underway within the security zone at the time the security zone is implemented are to depart the zone when it is implemented. The COTP Maryland-National Capital Region can be contacted at telephone number (410) 576-2693 or marine band radio Channel 16 VHF-FM (156.8 MHz). The Coast Guard vessels enforcing this security zone can be contacted on marine band radio Channel 16 VHF-FM (156.8 MHz). Upon being hailed by a U.S. Coast Guard vessel by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed. If permission is granted, all persons and vessels must comply with the instructions of the COTP Maryland-National Capital Region and proceed at the minimum speed necessary to maintain a safe course while within the zone. The U.S. Coast Guard may be assisted in the patrol and enforcement of the zone by Federal, State, and local agencies. Address any comments or questions to U.S. Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674.

Charts: 12285 12289 LNM: 24/20

MD – VA – POTOMAC RIVER – GEOTECHNICAL DRILLING OPERATIONS

Geotechnical drilling operations in support of the Harry W. Nice Memorial – Thomas "Mac" Middleton Bridge replacement project are scheduled to commence in the Potomac River between Newburg MD and Dahlgren VA on or about January 28, 2020. This phase of work will consist of drilling rigs on two spud barges and support vessels at various locations across the river north of the existing bridge, including two locations (future bridge

MD – VA – POTOMAC RIVER – GEOTECHNICAL DRILLING OPERATIONS

piers) within the Federal navigation channel. This work will be conducted 24-hours per day Monday through Saturday with Sunday work possible, pending weather delays. Marine equipment on site will include the "CT511" (a 30x120 self-spudding deck barge), "H3090" (a 30x90 self-spudding deck barge), and the "Annie G" (a 25-foot push boat). Mariners are urged to use caution when transiting the area and operate at minimum speed necessary to maintain safe course near the work site. Interested mariners can contact vessels Annie G or CT511 via marine band radio VHF-FM channels 16 and 13 when actively working on the river, or call Bob Stothoff at 201.433.9797 or 201.704.8844 for information. Borings will be conducted in the approximate locations Pier 43, Pier 44, Pier 45.

Chart 12287 LNM: 03/20

******DC – ANACOSTIA RIVER – SURVEY AND SAMPLING ACTIVITIES******

Potomac Electric Power Company (PEPCO) will be conducting surveying, water sampling and bottom sampling and other activities in the Anacostia River adjacent to River Terrace National Park and Anacostia Park, near the PEPCO Benning Road Facility from 25 May to 31 Aug 2020. For more information, contact Daniel Hulbert at 856-264-1611.

Chart 12289 LNM: 20/20

******VA – CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET – WALLOPS ISLAND – ROCKET LAUNCH******

The Launch Director, National Aeronautics and Space Administration - Wallops Flight Facility, Wallops Island, Virginia, has advised that the area in the Atlantic Ocean within the existing Danger Zone off Wallops Island and Chincoteague Inlet (depicted as 334.130) as shown on National Ocean Service Chart 12210, will be hazardous to navigation because of a rocket launch during the periods and times listed below.
Primary - 07/15/2020 8:30:00 AM -07/15/2020 1:45:00 PM
Backup - 07/16/2020 8:30:00 AM -07/16/2020 1:45:00 PM
Backup - 07/19/2020 8:30:00 AM -07/19/2020 1:45:00 PM
Backup - 07/20/2020 8:30:00 AM -07/20/2020 1:45:00 PM
Backup - 07/21/2020 8:30:00 AM -07/21/2020 1:45:00 PM
Backup - 07/22/2020 8:30:00 AM -07/22/2020 1:45:00 PM
Backup - 07/23/2020 8:30:00 AM -07/23/2020 1:45:00 PM
Backup - 07/24/2020 8:30:00 AM -07/24/2020 1:45:00 PM
Ship Avoidance Areas in effect.
82.5 Nautical Mile Hazard Area approximately 80 miles East of the Wallops Island Launch Pad at center point position 37-4.41N/74-10.510W.
52 Nautical Mile Hazard Area approximately 542 miles SOUTHEAST of BERMUDA at center point position 24-47.99N/59-15.98W.
55 Nautical Mile Hazard Area approximately 877 miles SOUTHEAST of BERMUDA at center point position 20-25.27N/55-1.88W.
142.65 Nautical Mile Hazard Area approximately 4079 miles SOUTHEAST of BERMUDA at center point position 20-29.54N/21-9.71W.
Outside the launch window, contact Surveillance Coordinator (SC) Jordan West 757-824-2949 or Launch Director John Dickerson 757-894-2094.
During the launch window, contact Wallops Plot via Marine Band (VHF) 12 and 22, or land line 757-824-1685.

Chart 12210 LNM: 26/20

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

Shoaling has been reported by ACOE Survey 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 6 (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 due to shoaling and the frequently shifting nature of these shoals because of weather and tidal currents. SEC VA BNM 114-20

Chart 12254 LNM: 25/20

******VA – CHESAPEAKE BAY – CHESAPEAKE CHANNEL – DREDGING******

Great Lakes Dredge and Dock Company will be conducting Dredging and Bed Leveling Operations in the Chesapeake Channel also known as the York Spit Channel from Chesapeake Channel Lighted Buoy 15 (LLNR 7115) to Chesapeake Channel Lighted Buoy 35 (LLNR 7210) until 4 Dec 2020. The tug WILLIAM BRECKINRIDGE and Dredge Barge GL 148 will be on scene until 20 Jul 2020 and the Dredge TERRAPIN ISLAND will be on scene until Dec. All vessels will monitor VHF-FM channels 13 and 16. Dredging and disposal operations done at slow speeds with limited maneuverability. Mariners are urged to use extreme caution in the area of the dredge and transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more information or questions contact Tom Jessee at 207-522-5494 or jtjessee@gldd.com.

Chart 12254 LNM: 26/20

******VA – LOWER CHESAPEAKE BAY – ANCHORAGE – ESTABLISHMENTS******

On 29 June 2020, the Coast Guard is establishing a new Anchorage, Anchorage R, relocating, and increasing the size of the existing Quarantine Anchorage Q. This will more effectively establish a new deep-water anchorage ground for commercial vessels to support the new and projected growth in vessel traffic throughout the Hampton Roads area. Anchorage R will be located in naturally deep water with charted depths between 25 and 101 feet. Depths in the northern portions of the anchorage range from 45 to 101 feet. Depths in the southern portion range from 25 to 45 feet. The 7.9 NM long eastern boundary of Anchorage R is located generally 3 NM west of Cape Charles, VA. The southernmost boundary is 3.9 NM long and runs parallel with and 500 yards north of the existing Regulated Navigation Area. The western boundary of the anchorage grounds runs parallel along, and no less than 500 yards east of York Spit Channel for 13.9 NM, including an 11.2 NM length between Chesapeake Channel Lighted Buoys 24 (LLNR 7155) and Chesapeake Channel Lighted Buoy 38 (LLNR 7230) and then continuing northeast for 2.7 NM beyond Lighted Buoy 38. The Coast Guard is moving the existing Quarantine Anchorage (Anchorage Q), from the current location 3.5 NM to the west of Cape Charles, VA, and east Chesapeake Channel Lighted Buoy 36 (LLNR 7215) and Chesapeake Channel Lighted Buoy 38 (LLNR 7230), relocating it to 6 NM southwest of Fishermans Point, VA. The new location runs west of Chesapeake Channel Lighted Buoy 16 (LLNR 7120) and Chesapeake Channel Lighted Buoy 18 (LLNR 7125). The southernmost boundary is 1.3 NM from the emergency restricted area outside the Chesapeake Bay Bridge Tunnel. The northernmost boundary is 450 yards southwest of York River Entrance Channel and runs for 1.3 NM. Its size is increasing from approximately 1.1 to 1.7 square miles.
Anchorage Q. Quarantine Anchorage. The waters bound by a line connecting the following points, which are based on the World Geodetic System (WGS84):
37°05′40″ N 076°08′12″ W
37°05′40″ N 076°07′19″ W
37°03′46″ N 076°05′58″ W
37°03′46″ N 076°06′51″ W
Anchorage R. The waters bound by a line connecting the following points, which are based on the World Geodetic System (WGS84):

******VA – LOWER CHESAPEAKE BAY – ANCHORAGE – ESTABLISHMENTS******

37°19′10″ N 076°05′00″ W
37°12′00″ N 076°05′00″ W
37°09′08″ N 076°08′19″ W
37°11′23″ N 076°08′49″ W
37°19′10″ N 076°05′46″ W

For more information, please see the Final Rule in the Federal Register:
https://www.federalregister.gov/documents/2020/05/28/2020-10100/anchorage-grounds-lower-chesapeake-bay-cape-charles-va

Charts: 12222 12224 LNM: 22/20

******VA – HAMPTON ROADS – HAMPTON ROADS BRIDGE TUNNEL – TEMPORARY WILDLIFE HABITAT******

Coastal Management Group will be anchoring 7 deck barges near Fort Wool and the Hampton Roads Bridge Tunnel, in approximate position 36°59'7.96"N, 76°18'5.96"W, as a temporary habitat, for the nesting birds, during the Hampton Roads Bridge Tunnel Project. The barges will be in position from May to 30 Sep 2020. For more information or questions, contact Matt Anders at 757-298-0627.

Chart 12245 LNM: 18/20

******VA – ELIZABETH RIVER - EASTERN BRANCH - OYSTER SHELL DREDGING AND PLANTING PROJECT******

H and L Contracting will be conducting dredging operations in the Eastern Branch Of The Elizabeth River, VA from 6/17/20 thru 8/31/20 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:36°50′14″n / 76°15′11″w; 36°50′08″n / 76°14′27″w; 36°50′18″n / 76°13′49″w; and 36°50′17″n / 76°13′27″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 channels 63, 16 and 13. H & L supervisor is Keith Johnson, Superintendent 24 hour contact is (631)553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12237 LNM: 23/20

VA - NC – ATLANTIC INTRACOASTAL WATERWAY (AICW) – NORFOLK TO ALBEMARLE SOUND VIA NORTH LANDING RIVER

Maintenance at the Centerville Turnpike (SR-170) Bridge across the Albemarle and Chesapeake Canal, Atlantic Intracoastal Waterway, mile 15.2, at Chesapeake, VA began on Monday, May 13, 2019, and is scheduled to end on Friday, September 18, 2020. Bridge maintenance will be performed in six phases and updated notices will be published prior to each phase. This notice provides details for Phase VI, scheduled from 6 a.m. on February 20, 2020, through 8:30 p.m. on September 18, 2020.

Work hours are Monday through Friday, from 6 a.m. to 8:30 p.m. The swing span of the bridge will be operational. During work hours, bridge maintenance vessels and barges will occupy the navigation span, reducing the horizontal clearance to approximately 40 feet. Bridge maintenance vessels and barges will relocate from the navigation span, upon request, for commercial vessels carrying liquefied flammable gas or other hazardous materials and emergency vessels as defined in 33 CFR 117.31; and all vessels upon request, if at least a one-hour notice is given. Vessels may contact the bridge tender on VHF-FM channel 13 or (757) 547-3631. Vessels may contact work vessels or the project foreman on VHF-FM channel 13 or (757) 620-3565.

At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.997(i). The drawbridge has a vertical clearance of 4 feet above mean high water in the closed position, unlimited vertical clearance in the open position and a horizontal clearance of 80 feet. Mariners should adjust their transits accordingly and use extreme caution when transiting the area.

Chart 12206 LNM: 16/20

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

H & L Contracting will be conducting Dredging Operations in the Lower James River from 16 Jun thru 31 Aug 2020 for the purpose of harvesting and planting Oyster Shells. Work hours are 24 hours a day, 7 days a week. There will be one 200′ x 50′ dredge (vessel name: OYSTER BAY), one 260′ x 50′ barge (un-named) for oyster shells, one 140′ x 35′ barge (un-named) for oyster shells; a 60′ tug boat (vessel name: GOOSE CREEK) a 40′ x 14′ push boat (vessel name: MENEMSHA), skiff (un-named), and other support vessels. The work area will be a square with corners at 36°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. In addition, 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;. 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, 16 and 13. 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: 23/20

******VA - JAMES RIVER JAMESTOWN ISLAND TO JORDAN POINT - SR 156 - BENJAMIN HARRISON MEMORIAL BRIDGE – CLOSED TO NAVIGATION******

The highway drawbridge – SR 156 (Benjamin Harrison Memorial) Bridge, across James River, at mile 65.0, at Hopewell, VA will be maintained in the closed-to-navigation position to facilitate bridge maintenance of the bridge vertical lift span. To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 7 p.m. on May 17, 2020, through 6 a.m. on July 3, 2020. The bridge will remain in the closed position from 7 p.m. to 6 a.m. on May 17, 2020, through May 22, 2020; and from June 23, 2020, through June 24, 2020; and from June 28, 2020, through July 3, 2020. During these closure periods the bridge will open on signal, if at least a 2-hour prior notice is given. The bridge will not be able to open for emergencies. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. Vessels able to pass through the bridge in the closed position may do so at any time, and should notify the bridge tender no less than 10 minutes prior to transiting through the bridge. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.5. Mariners should adjust their transits accordingly and should use caution when transiting the area.

Charts: 12251 12252 LNM: 24/20

******VA – CHESAPEAKE BAY – YORK RIVER – SURVEY OPERATIONS******

A Hydrographic survey will be conducted in the waters in and around the Southern Chesapeake Bay. These surveys are being conducted for the National Oceanographic and Atmospheric Administration in support of their nautical charting mission. Commencing on or about June 20, 2020 and continuing through August 2020 the M/V ATLANTIC SURVEYOR and R/V OYSTER BAY II will be conducting hydrographic survey operations in the waters of Southern Chesapeake Bay, VA. Survey operations will be bounded from approximately 37° 27' 41"N, 075° 58' 32"W to the northeast and

******VA – CHESAPEAKE BAY – YORK RIVER – SURVEY OPERATIONS******

36° 57′ 45″N, 076° 32′ 21″W to the southwest. Survey operations include the lower reaches of the York River extending upriver to the Coleman Memorial Bridge.

The M/V ATLANTIC SURVEYOR is a 110′, steel hulled survey boat with a black hull and a white deckhouse. The vessel is equipped with a keel mounted sonar transducer and will be towing a side scan sonar approximately 5-15 meters off the seafloor and 50 meters astern of the vessel. The vessel will be conducting 24-hour operations. In addition, the ATLANTIC SURVEYOR will maintain watch on VHF channels 13 and 16 (call sign WTR5417). The R/V OYSTER BAY II is a 30′, Aluminum hulled survey vessel. The vessel is equipped over the side sonar mounts and sonars. The vessel will primarily be conducting daytime operations. The R/V OYSTER BAY II will maintain watch on VHF channels 13 and 16. There may be occasional unmanned aerial aircraft (Drone) activities within the survey area. Request that all vessels give the M/V ATLANTIC SURVEYOR and R/V OYSTER BAY a wide berth in order to avoid becoming fouled in the towed equipment or otherwise interfering with surveying operations. Please direct any questions you may have to the Project Supervisor at 401-848-4757.

Chart 12222 LNM: 23/20

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

H & L Contracting will be conducting dredging operations in the York River from 17 Jun thru 31 Aug 2020 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 marine equipment operators will be monitoring VHF-FM channel 63, 16 and 13. H & L Supervisor is Keith Johnson, 24 hour contact is (631) 553-1034.

Chart 12237 LNM: 23/20

******VA – RAPPAHONNOCK RIVER - OYSTER DREDGING AND PLANTING PROJECT******

H & L Contracting will be conducting dredging operations in the Rappahannock River from 17 Jun to 31 Aug 2020 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′ tugboat (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 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, 16 and 13. H & L supervisor is Keith Johnson, Superintendent 24 hour contact is (631) 553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12237 LNM: 23/20

******VA – CHESAPEAKE BAY - TANGIER ISLAND – JETTY CONSTRUCTION******

Coastal Design and Construction will be building a stone jetty near Tangier Island on the West side just north of Tangier Island West Channel Light 3 (LLNR 22730). Construction is scheduled to begin 6 Jul and continue until 31 Oct 2020. Deck barges, crane barges and tug and push boats will be in the area and may be contacted on VHF-FM channel 13. For more information or questions, contact J. Richard Mattingly – Superintendent at 301-643-4323.

Chart 12228 LNM: 26/20

******VA – WICOMICO RIVER – OYSTER DREDGING AND PLANTING******

H &L Contracting will be conducting dredging operations in the WICOMICO RIVER, VA from 16 Jun thru 31 Aug 2020 for the purpose of planting oysters shells. Work hours will be intermittent but are possible 24 hours a day, 7 days a week. There will be one 60′ tugboat (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 marine equipment operators will be monitoring VHF-FM channel 63, 16 and 13. H & L Supervisor is Keith Johnson, superintendent 24 hour contact is (631)553-1034.

Chart 12237 LNM: 23/20

******VA – OFFSHORE – CAPE HENRY – SUBSEA CABLE REPAIR******

The cable-laying vessel SIEM DORADO will be conducting subsea cable repair work on the seabed approximately 21 miles offshore. The work will commence on 23 June and continue until the end of July 2020. The SIEM DORADO will be in approximate position 36.866000N - 75.541926W and 36.866942N - 75.540013W for the entire operation.

Chart 12200 LNM: 26/20

******VA – OFFSHORE – CAPE HENRY – SURVEY******

UPDATED OPERATION DATES. The Survey vessel SARHA BORDELON will be conducting surveys in the in the following areas until approximately 15 Aug 2020.

Center of main survey area: 36 - 54.564'N 75 - 21.166'W

Main survey area stretches from 36 - 49′ N to 36 - 59′N and 75 - 29′ W to 75 - 13′ W.

The survey vessel will be mapping the seabed with hull mounted sensors as well as towed sensors. The vessel will be working with restricted/limited maneuverability with equipment in tow up to 1000 feet to the stern of the vessel. The master requests a CPA of 0.5 – 1.0 mile to accommodate operations. SARAH BORDELON will monitor VHF 16 & 13 during the survey. For more information or questions, contact Mark Maclean at 902-412-1780.

Chart 12200 LNM: 14/20

******VA – OFFSHORE - VIRGINIA BEACH – UNCHARTED CABLE******

UPDATED ENCLOSURE NUMBER. There is an uncharted, buried fiber-optic submarine telecommunications cable leading from a shore landing point at approximately 36 49 2.431N, 75 58 4.9872W, near the Croatan Parking Lot, eastward approximately 32 km to 36 49 38.91N, 75 36 31.47W. The newly laid cable runs from the Virginia Beach coastline in an east-northeast direction roughly parallel and just to the north of two existing and currently charted cables MAREA and BRUSA s1. Vessels are requested to anchor at a minimum 500 m from the cable. For more information or if you think you have snagged the cable, maintain your position and contact: SubCom GTSC/NOC Hotline: 732-578-7474 (Press #3), Email: rrapp@subcom.com. For a chartlet showing the approximate location of the cable see Enclosure 6.

******VA – OFFSHORE - VIRGINIA BEACH – UNCHARTED CABLE******

Charts: 12200 12204 12207 13003 LNM: 19/20

******VA – OFFSHORE - CAPE HENRY – VIRGINIA BEACH – CABLE SURVEY******

UPDATED INFORMATION. Costal Virginia Offshore Wind (CVOW) will continue surveying and other operations along the cable route from shore off Camp Pendleton towards the offshore wind farm construction site approximately 25 nautical miles east of Cape Henry. Please see Enclosure 9. The SHEARWATER will be in the area until 31 July 2020 and operate on the subsea cable route outlined by the following Waypoints positions: (WGS 84 Decimal degrees).

1WP 36.817122N - 075.955312W
2WP 36.819389N - 075.912311W
3WP 36.819470N - 075.876841W
4WP 36.807754N - 075.801396W
5WP 36.805830N - 075.748868W
6WP 36.828848N - 075.618577W
7WP 36.887909N - 075.497384W
8WP 36.886947N - 075.491633W
9WP 36.896352N - 075.491719W

For questions or additional information contact Capt. Peder Rosenberg Pedersen, Orsted CVOW project, PEDPE@Orsted.dk, 1-757-334-4578.

Chart 12200 LNM: 14/20

******VA – OFFSHORE – CAPE HENRY – WIND TURBINE CONSTRUCTION******

Costal Virginia Offshore Wind (CVOW) Pilot project will start construction of wind turbines at the offshore wind farm construction site approximately 25 nautical miles east of Cape Henry.

The Jack up crane vessel VOLE AU VENT will start the installation of the first mono pile and the wind turbine transition piece and thereafter relocate to the next position and repeat the installation of the second Foundation and Transition piece, followed by installation of the Wind Turbine Generators.

The two positions for the wind turbine installations: (WGS 84 Decimal degrees).

A01: 36.896293 North – 75.491635 West
A02: 36.886829 North – 75.491575 West

The installation of the foundation at the first position A02 is planned to start May 24, 2020 - and will continue at position A01. The installation will continue until May 29, 2020 - weather permitting.

The installation of the Wind Turbine Generator at the first position A02 is planned to start June 7, 2020 - and will later continue at position A01. The installation of the two Wind Turbine Generators continues until June 18, 2020 - weather permitting.

Chart 12200 LNM: 20/20

******VA – POCOMOKE AND TANGIER SOUNDS – OYSTER DREDGING AND PLANTING PROJECT******

H & L Contracting will be conducting dredging operations in Pocomoke Sound and Tangier Sound, VA from 17 Jun to 31 Aug 2020 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 in Pocomoke Sound 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 and in Tangier Sound 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, 16 and 13. H & L Supervisor is Keith Johnson, Superintendent 24 hour contact is (631) 553-1034. Mariners are advised to reduce speed and proceed with caution in the area.

Chart 12226 LNM: 23/20

******VA – OFFSHORE - CAPE HENRY – DEMARCATION BUOYS******

The Costal Virginia Offshore Wind (CVOW) Pilot project will deploy 5 yellow Special Mark demarcation buoys to identify the offshore work zone (WTG site) where the Wind Turbines and foundations will be installed. The offshore work zone is established approximately 25 nautical miles east of Cape Henry. The deployment of the buoys is expected to occur between April 2 and April 8, 2020 - weather permitting. The buoys will be moored in the listed positions and until construction activities are finalized. Retrieval of the buoys are planned to occur on or before September 30, 2020. The project will also deploy a wave/demarcation buoy at the WTG site. The deployment of the wave buoy is expected to occur the week of March 23, 2020, weather permitting and will be moored in the position until September 30, 2020. The wave buoy will also serve as a demarcation buoy.

A: Latitude 36.89930272 North - Longitude 75.49596563 West
C: Latitude 36.89151042 North - Longitude 75.49586571 West
E: Latitude 36.88371811 North - Longitude 75.49576582 West
B: Latitude 36.89937589 North - Longitude 75.4878969 West
D: Latitude 36.89166000 North - Longitude 75.48576900 West, Wave Buoy
F: Latitude 36.88375170 North - Longitude 75.48764900 West

For questions or additional information contact Capt. Peder Rosenberg Pedersen, Orsted CVOW project, PEDPE@Orsted.dk, 1-757-334-4578.

Chart 12200 LNM: 10/20

******NC – SEACOAST APPROACHES TO THE CAPE FEAR RIVER – PROPOSED ANCHORAGE******

The Coast Guard is considering establishing an anchorage ground offshore in the approaches to the Cape Fear River, NC, and removing, relocating or otherwise modifying the existing Lockwoods Folly Inlet explosives anchorage ground. We are considering establishing an offshore anchorage ground in response to requests suggesting an anchorage ground is necessary to accommodate current and future vessel traffic, improve navigation safety, and because traditional anchorage areas may be impacted by offshore renewable energy development. Our consideration of changing or removing the explosives anchorage grounds is based on growth in both the size and draft of vessels that call on the Port of Wilmington and Military Ocean Terminal Sunny Point. We invite your comments on whether we should initiate a rulemaking to address these issues or maintain the status quo.

Your comments and related material must reach the Coast Guard on or before July 7, 2020.

Federal register Docket Number USCG–2020–0216.

Charts: 11536 11537 LNM: 19/20

NC – OFFSHORE – CAPE HATTERAS – SUB-SURFACE MOORING

On or about 3 Sep 2019, NOAA and UNC will deploy a sub-surface current meter approximately 22NM East of Cape Hatteras in position 35.1374 N, 75.0940 W. The top of the current meter will be approximately 100 meters below the waters surface. The meter will remain on station until Jun 2020. For more information or questions, contact Eric Breuer at 757-272-4057.

Charts: 11520 11555 12200 LNM: 33/19

NC - OREGON INLET CHANNEL - HERBERT C. BONNER BRIDGE CONSTRUCTION & REPLACEMENT

Mariners are advised to use extreme caution transiting through the Bonner Bridge in Oregon Inlet, NC. Mariners should follow the aids to navigation closely and stay clear of construction areas. There are submerged concrete pilings just below the waterline in the vicinity of construction. The temporary bridge navigation span is between Bents 173 and 176 of the old bridge. The horizontal clearance of this span is 169 feet and the vertical clearance is 70 feet. 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 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, 2020.

(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 – 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 Cahoogue 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 – NEUSE RIVER – TRENT RIVER – US 70 – ALFRED CUNNINGHAM BRIDGE – CLOSED TO NAVIGATION******

The US 70 (Alfred C. Cunningham) Bridge across Trent River, mile 0.0, at New Bern, NC will be maintained in the closed-to-navigation from 9:30 p.m. to 10:30 p.m. on Saturday, July 4, 2020, or Sunday, July 5, 2020, if inclement weather on Saturday July 4, 2020. The vertical clearance of the bridge in the closed position is 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 be able to open for emergencies if at least a five-minute notice is given. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.843 (a). Mariners should use extreme caution when transiting the area.

Chart 11552 LNM: 26/20

******NC – BOGUE INLET – SHOALING******

Shoaling exists channel ward from Bogue Inlet Buoy 14 (LLNR 29559) with depth as low as 1 FT MLW may be encountered in the area. Mariners are advised to navigate the area with caution and consult latest USACE Survey available here:

https://www.saw.usace.army.mil/Missions/Navigation/Hydrographic-Surveys/Inlets-Crossings/

Chart 11541 LNM: 25/20

******NC – NEW RIVER – CAMP LEJEUNE – POSSIBLLE HAZARDS TO NAVIGATION******

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

Charts: 11542 11543 LNM: 24/19

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

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

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

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:

NONE SCHEDULED.

The Restricted Areas in the New River, as shown on National Ocean Service Chart 11542, that will be closed to navigation because of Stone Bay Rifle Range firing exercises during the following periods: 24 HOURS DAILY

STONE CREEK SECTOR

STONE BAY SECTOR

WEST OF THE 77 (DEG) 26 (MIN) LONGITUDE LINE.

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

TRAPS BAY SECTOR

COURTHOUSE BAY SECTOR

STONE BAY SECTOR

GREY POINT SECTOR

EAST OF THE 77 (DEG) 26 (MIN) LONGITUDE LINE.

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

FARNELL BAY SECTOR SUNRISE TO SUNSET - DAILY

MORGANS BAY SECTOR SUNRISE TO SUNSET - DAILY

JACKSONVILLE SECTOR SUNRISE TO SUNSET - DAILY

The Target Bombing Area N1/BT-3 Impact Area in the Atlantic Ocean east of the New River Inlet as shown on National Ocean Service Chart 11543, may be closed to navigation because of firing exercises during the following periods:

NONE SCHEDULED.

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

NONE SCHEDULED.

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

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

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

Charts: 11541 11542 11543 LNM: 01/16

******NC – CAPE FEAR RIVER – CAROLINA BEACH STATE PARK - HAZARD TO NAVIGATION******

A partially submerged vessel has been reported outside of the navigable channel on the east side of the Cape Fear River, in the vicinity of Carolina Beach State Park. Mariners are advised to use caution when transiting this portion of the Cape Fear River as the sunken vessel could propose a hazard to navigation. Approximate location of the vessel 34–02.5N 077-55.6W approximately 400 yards outside the channel.

Chart 11537 LNM: 24/20

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	
125	*Five Fathom Bank Traffic Lane Lighted Buoy FA*	38-46-49.000N 074-44-14.000W	Fl Y 4s		6	Yellow.		26/20
130	*Five Fathom Bank Traffic Lane Lighted Buoy FB*	38-46-51.000N 074-55-35.000W	Fl Y 6s		* 6	Yellow.		26/20
362	COASTAL VIRGINIA OFFSHORE WIND TURBINE LIGHTS (3) CV-A01	36-53-46.661N 075-29-29.899W	Fl Y 5s	62	*	Monopile Wind Turbine.	HORN: 1 blast ev 20s. Activated during low visibility. Private Aid.	26/20
*	*	*	*	*	*	*	*	
363	*CVOW Lighted Meteorological Buoy D*	36-53-29.630N 075-29-15.983W	Fl (5)Y 20s				Private Aid.	26/20
*	*	*	*	*	*	*	*	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
364	COASTAL VIRGINIA OFFSHORE WIND TURBINE LIGHTS (3) CV-A02	36-53-12.587N 075-29-29.681W	Fl Y 5s	62		Monopile Wind Turbine.	RACON: D (- . .) Private Aid.	26/20
*	*	*	*	*	*	*	*	
635	*NOAA Lighted Data Buoy 41001 (ODAS)*	34-43-27.000N 072-19-00.000W	Fl (4)Y 20s		5	Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.	26/20
		*						
5135	Sinepuxent Bay Channel Buoy 35	38-10-53.800N 075-13-09.682W				Green can.		26/20
		*						
8120	SEVENFOOT KNOLL LIGHT	39-09-19.103N 076-24-32.506W	Fl W 6s (R sector)	58	W 9 R 7	On skeleton tower.	Red from 134° to 344°. Lighted throughout 24 hours.	26/20
			*					
9380	**Old Point Comfort Light**	37-00-06.272N 076-18-23.272W	Fl (2)R 15s 2s fl 2s ec. 2s fl 6s ec. (W sector)	54	W 16 R 14	White tower. 60	White from 265° to 038°.	26/20
			*					
19780	TRITON LIGHT	38-58-53.000N 076-28-34.400W	Fl(4+5) G 30s	25		On seawall.	Light characteristic represents the Class of 1945. Aid maintained by U.S. Navy.	26/20
			*					
27220	GUNPOWDER RIVER LIGHT 13						Remove from list.	26/20
							*	
27220	*Gunpowder River Lighted Buoy 13*	39-22-34.145N 076-20-06.395W	Fl G 4s		4	Green.	Maintained from Mar. 15 to Dec 1.	26/20
*	*	*	*	*	*	*	*	
27439	Sassafras River Buoy 3	39-22-19.122N 075-59-02.509W				Green can.		26/20
*	*	*				*		
27440	SASSAFRAS RIVER LIGHT 3A	39-22-11.282N 075-58-44.654W	Q G	15	4	SG on pile.		26/20
	*							
27443	Sassafras River Buoy 3						Remove from list.	26/20
							*	
28325	Walter Slough Daybeacon 6	35-47-27.565N 075-33-49.198W				TR on pile.		26/20
		*						
28335	Walter Slough Buoy 8	35-47-32.271N 075-33-24.303W				Red nun.		26/20
		*						

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
28345	Walter Slough Buoy 10	35-47-35.050N 075-33-17.310W				Red nun.		26/20
		*						
30338	SOUTHPORT RANGE OUTBOUND PRECISION DIRECTIONAL LIGHT	33-52-57.152N 077-59-53.963W	F W Iso G 2s Iso R 2s	46		On tower with Bald Head Shoal Rear Range. Visible white in center of outbound channel.	Operated by VHF/FM 81A/157.075Mhz key microphone 5 times consecutively, to activate optic signal for 15 minutes. Iso G 2s 138° to 139°, F W on center line of channel from 139° to 140°, Iso R 2s from 140° to 141°.	26/20
			*				*	
30755	KEG ISLAND RANGE FRONT LIGHT	34-07-47.269N 077-56-05.384W	Q W (NIGHT) Q W (DAY)	19		On multi-pile structure. Same structure as Big Island Upper South Range Front Light.	Lighted throughout 24 hours. DAY : Visible 3.0° either side of rangeline. NIGHT : Visible all around; higher intensity 3.0° either side of rangeline.	26/20
				*				
30760	KEG ISLAND RANGE REAR LIGHT 622 yards, 002.7° from front light.	34-08-05.721N 077-56-04.109W	Iso W 6s (NIGHT) Iso W 6s (DAY)	35		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY : Visible 3.0° either side of rangeline. NIGHT: Visible all around; higher intensity 3.0° either side of rangeline.	26/20
				*				
30775	BIG ISLAND LOWER SOUTH RANGE FRONT LIGHT	34-07-26.371N 077-56-02.152W	Q W (NIGHT) Q W (DAY)	29		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY : Visible 1.5° either side of rangeline only. NIGHT: Visible all around; higher intensity 1.5° either side of rangeline.	26/20
			*				*	
30780	BIG ISLAND LOWER SOUTH RANGE REAR LIGHT 300 yards, 151.2° from front light.	34-07-18.525N 077-55-57.090W	Iso W 6s (NIGHT) Iso W 6s (DAY)	37		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of rangeline only. NIGHT: Visible all around; higher intensity 1.5° either side of rangeline.	26/20
			*	*			*	
30783	BIG ISLAND LOWER NORTH RANGE FRONT LIGHT	34-08-20.555N 077-56-37.124W	Fl G 2.5s (NIGHT) Fl G 2.5s (DAY)	16		On multi-pile structure.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of rangeline only. NIGHT: Visible all around; higher intensity 1.5° either side of rangeline.	26/20
			*					

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
30784	BIG ISLAND LOWER NORTH RANGE REAR LIGHT 166 yards, 331.2° from front light.	34-08-24.906N 077-56-39.934W	Oc G 4s (NIGHT) Oc G 4s (DAY) *	30		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of rangeline only. NIGHT: Visible all around; higher intensity 1.5° either side of rangeline.	26/20
30800	BIG ISLAND UPPER SOUTH RANGE FRONT LIGHT	34-07-47.269N 077-56-05.384W	Q W (NIGHT) Q W (DAY) *	15		On multi-pile structure. On same structure as Keg Island Channel Range Front light.	Lighted throughout 24 hours. DAY: Visible 4.5° either side of rangeline only. NIGHT: Visible all around; higher intensity 4.5° either side of rangeline.	26/20
30805	BIG ISLAND UPPER SOUTH RANGE REAR LIGHT 400 yards, 133.8° from front light.	34-07-38.968N 077-55-55.184W	Iso W 6s (NIGHT) Iso W 6s (DAY) *	30		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY: Visible 3.0° either side of rangeline only. NIGHT: Visible all around; higher intensity 3.0° either side of rangeline.	26/20
30820	LOWER BRUNSWICK NORTH RANGE FRONT LIGHT	34-09-46.388N 077-57-43.735W	Q W (NIGHT) Q W (DAY) *	22		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY: Visible on 1.5° either side of rangeline only. NIGHT: Visible all around; higher intensity 1.5° either side on rangeline.	26/20
30825	LOWER BRUNSWICK NORTH RANGE REAR LIGHT 288 yards, 332.6° from front light.	34-09-54.022N 077-57-48.365W	Iso W 6s (NIGHT) Iso W 6s (DAY) *	34		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY: Visible 1,5° either side of rangeline only. NIGHT: Visible all around; higher intensity 1.5° either side of rangeline.	26/20
38482	Core Creek Buoy 30A	34-45-24.236N 076-40-26.369W *				Red nun with yellow triangle.		26/20

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. VA - NC Offshore Surveying.
6. VA Offshore Uncharted Cable.
7. NJ Seacoast, Del Bay Port Access Route Study (PARS).
8. Ocean Wind and Skipjack Wind Energy Areas.
9. Coastal Virginia Offshore Wind (CVOW) Cable Route.
10. Philadelphia Harbor Obstructions 1
11. Philadelphia Harbor Obstructions 2
12. Philadelphia Harbor Obstructions 3

SUMMARY OF SHOALING REPORTED IN THE FIFTH COAST GUARD DISTRICT

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
Shoaling has been reported in the New Jersey Intracoastal Waterway (NJICWW) IVO Beach Haven between NJICWW LT 130 (LLNR35536) and NJICWW LT 132 (LLNR 35550). Shoaling is visible at low tide and extends approximately 20yds into the channel, mariners are advised to use extreme caution when transiting the area.
Chart 12316

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

NJ – SALEM RIVER – SHOALING
Shoaling was reported in the Salem River, in Salem, NJ. The shoaling was reported between Salem River Entrance Channel Light 5 (LLNR 2670), Light 6 (LLNR 2675) and Light 7 (LLNR 2680), Light 8 (LLNR 2685) on the east side of the channel. The depth was reported at 10 feet shortly after high tide.
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 – MURDERKILL RIVER – SHOALING
Shoaling has been reported in the Murderkill River between Murderkill River Buoy 2 (LLNR 2315) and Murderkill River Buoy 6 (LLNR 2337). Channel depths have been noted to be less than 2 feet in locations and an average depth of 4 feet. DB BNM 342-19
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, were reported.
Chart 12216

DE – DELAWARE BAY – REHOBOTH BAY – SHOALING
Shoaling has been reported near Rehoboth Bay Channel Light 2 (LLNR 2097). Depths as low as 3 feet reported. DB BNM 051-20
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 – MIDDLE ISLAND WEST – SHOALING
Shoaling was observed in the Middle Island West Channel to 2 – 4 feet at MLW. Seasonal Aid to Navigation Middle Island West Channel Buoy MI (LLNR 4436), Middle Island West Channel Buoy 1 (LLNR 4437), Middle Island West Channel Buoy 3 (LLNR 4438) and Middle Island West Channel Buoy (LLNR 4439.5) were unable to be established. SEC DB 054-20
Chart 12216
DELETE AFTER 19/20

DE – INDIAN RIVER BAY – PEPPER CREEK – SHOALING
Shoaling was observed in Pepper Creek throughout the entire waterway to 2 – 4 feet at MLW. Seasonal Aid to Navigation Pepper Creek Buoy 1 (LLNR 4440), Pepper Creek Buoy Lighted Wreck Buoy WR2 (LLNR 4445), Pepper Creek Buoy 4 (LLNR 4450), Pepper Creek Buoy 5 (LLNR 4455) and Pepper Creek Lighted Wreck Buoy WR 10 (LLNR 4470) were unable to be established. SEC DB BNM 056-20
Chart 12216
DELETE AFTER 19/20

DE – INDIAN RIVER BAY – WHITE CREEK – SHOALING
Shoaling was observed in White Creek to 2 – 5 feet at MLW. Seasonal Aids to Navigation White Creek Buoy 1 (LLNR 4645), White Creek Buoy 3 (LNNR 4650), White Creek Buoy 5 (LLNR 4655) and White Creek Buoy 6 (LLNR 4660) were unable to be established. SEC DB 055-20
Chart 12216
DELETE AFTER 19/20

MARYLAND SHOALING

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - OCEAN CITY INLET – SHOALING
A USACE survey dated Oct 8, 2019 has identified shoaling at Ocean City Inlet Lighted Buoy 8 (LLNR 4745) to a depth of less than six feet centerline of the channel at MLLW and extending approximately 150 feet northwest down channel towards Ocean City Inlet Lighted Buoy 10 (LLNR 4750) with deeper water to the left and right of centerline. A second area of shoaling was identified extending west of Ocean City Inlet Junction Lighted Buoy OC (LLNR 4753) to a depth of eight to nine feet at MLLW and extending west approximately 150 feet. Shoaling was identified west of Ocean City Inlet Lighted Buoy 11 (LLNR 4755) extending from the southern channel boundary to mid-channel for approximately 500 feet towards the commercial fish harbor with depths less than four feet at MLLW. Shoaling within the channel to the commercial fish harbor extends mostly from the northern channel boundary to mid-channel with depths of eight feet or less at MLLW.
Chart 12211

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY – SHOALING
There has been a report of shoaling in Sinepuxent Bay within the channel boundaries in the vicinity of Sinepuxent Bay Channel Daybeacon 11B (LLNR 5050), to a depth of 1.8 feet at mean low water and extending across the channel. MD BNM 116-19/
Chart 12211

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY – SHOALING
Shoaling exist between Sinepuxent Bay Channel Lighted Buoy 11 (LLNR 5042) to Sinepuxent Bay Channel Light 13 (LLNR 5055), water depth of 3 ft. Shoaling between Sinepuxent Bay Channel Buoy 6 (LLNR 5015) to Sinepuxent Bay Channel Buoy (LLNR 5017), water depth of 4 1/2 ft. Sinepuxent Bay Channel Daybeacon 11B (LLNR 5050), shoaling encroaches approximately 20 yds into the channel in a southwesterly direction. Water depths have been found as low as 2.5 ft during low tide. Between Sinepuxent Bay Channel Light 8 (LLNR 5020) and Sinepuxent Bay Channel Daybeacon 10 (LLNR 5035), shoaling encroaches approximately 15 yds into the channel in an easterly direction. Water depths have been found as low as 2 ft during low tide. Between Sinepuxent Bay Channel Buoy 33 (LLNR 5130) and Sinepuxent Bay Channel Daybeacon 35 (LLNR 5135) on the eastern side of the channel. Water depths have been found as low as 3 ft during low tide.
Chart 12211

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

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

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

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

MD/VA - POTOMAC RIVER - PINEY POINT TO LOWER CEDAR POINT - ST. CATHERINE SOUND LOWER ENTRANCE - SHOALING
Shoaling exists in St. Catherine Sound Lower Entrance (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 - 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). MD-NCR BNM 006-20
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
From entrance of channel to Farm Creek Channel Daybeacon 2 (LLNR 24430) least depth of 5 feet within the channel limits. From Farm Creek Channel Daybeacon 2 (LLNR 24430) to Farm Creek Channel Daybeacon 7 (LLNR 24445) least depth of 2.0 feet on red side of channel, 3.9 Ft centerline of channel, and 2.8 feet on the green side of channel. Ref LNM 16/18.

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 – FENWICK ISLAND TO CHINCOTEAGUE INLAT – SINEPUXENT BAY – SHOALING
Shoaling has been located 200 yds south of Sinepuxent Bay Buoy 11B (LLNR 5050). Lowest recorded depth is 1.8 feet across the entire channel.
Chart 12211

VA – CHINCOTEAGUE CHANNEL – SHOALING
Shoaling has been found in vicinity of Chincoteague Channel Lighted Buoy 28 (LLNR 5397). Depth observed at: 4 feet on the red side, 4.5 feet in the middle of the channel, and 5.5 feet on the green side at low tide. VA BNM 033-20
Chart 12210, 12211

VA – CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET – VIRIGINIA INSIDE PASSAGE – BRADFORD BAY – SHOALING
Shoaling has been identified 480' past Wachapreague Channel Junction LT WB (LLNR 6695) and continues to 850' past Bradford Channel Buoy 5A (LLNR 6035). Least depth range from 5.9' TO 2.9' MLLW. Shoaling has been identified in vicinity of Wachapreague Day Beacon 10 (LLNR 5995). Least depth range 4.0' MLLW. Shoaling has been identified 130' past Wachapreague Channel Daybeacon 13 (LLNR 6690) to Wachapreague Channel Junction Light WB (LLNR 6695). Least depth 4.0' MLLW. LNM 2619,
Chart 12210

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

VA – VIRGINIA INSIDE PASSAGE (VIP)
VIP Day beacon 184 (LLNR 6220) to VIP Day beacon 265 (LLNR 6580), Shoaling to less than 6ft MLW. HR BNM 106-16 Quinby Creek Day beacon 7 (LLNR 6770) to Quinby Creek Light 13 (LLNR 6785), Shoaling to less than 6 ft MLW. HR BNM 104-16 VIP Day beacon 244 (LLNR 6485), Shoaling to 1 foot. HR BNM 272-14, Sand Shoal Channel Light 1 (LLNR 6990) to Sand Shoal Light 10 (LLNR 6996) LNM 24-13, Oyster Creek Channel Junction Lighted Buoy OC (LLNR 7002/6447) to Oyster Creek Light 10 (LLNR 7025), Shoaling to less than 6ft MLW. HR BNM 107-16,
Chart 12210, 12224

VA – LYNNHAVEN INLET – LONG CREEK – SHOALING
Shoaling has been reported by ACOE Survey 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 6 (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 due to shoaling and the frequently shifting nature of these shoals because of weather and tidal currents. SEC VA BNM 114-20
Chart 12254

VA - GREAT BRIDGE TO ALBEMARLE SOUND - INTRACOASTAL WATERWAY – SHOALING
There has been a report of shoaling in the VA Intracoastal Waterway approximately 1.15 nm south of North Landing Bridge IVO positions 36-42.71n, 076-04.87w, and 36-42.75n, 076-05.00w, to a least depth of 0.5 feet.
Chart 12206

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

VA – RAPPAHANNOCK RIVER ENTRANCE – QUEENS CREEK – SHOALING
The ACOE Survey of Queens Creek Channel; dated June 21, 2017 indicates shoaling across the channel from Queens Creek Channel Buoy 2 (LLNR 14820) to Queens Creek Channel Lighted Buoy 5(LLNR 14840) Least depths range from 5.8 feet MLLW to 1.8 feet MLLW. LNM 29/17
Chart 12235

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

VA – CHESAPEAKE BAY – YORKTOWN TO WEST POINT - QUEEN CREEK
Shoaling to less the 3 feet has been reported in Queen Creek from Queen Creek Entrance Light 2QC (LLNR 13785) to Queen Creek Day beacon 10 (LLNR 13820). HR BNM 170-14
Chart 12243

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

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

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

VA – RUDEE INLET – SHOALING
Survey dated 23 June 2020. There is shoaling to a least depth to 5.6' MLLW.

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
Shoaling located 5 May 2020 in the vicinity of Oregon Inlet Lighted Buoy 6 (LLNR 28003) with depths of 4 - 6ft at MLW. NC BNM 155-20
Chart 12204

NC – OREGON INLET – SHOALING
Shoaling has been located in the vicinity of Oregon Inlet Buoy 17 encroaching from the south side of the channel. Water depths of 3 feet at MLW. Also shoaling has been located in Oregon Inlet from Oregon Inlet Buoy 21A (LLNR 28073) to Oregon Inlet Buoy 25 (LLNR 28080) encroaching from the south side of the channel. Water depths of 7ft at MLW. NC BNM 463-19, NC BNM 445-19
Charts 12204

NC - HATTERAS INLET - SHOALING
UPDATED. 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). Some aids to navigation in the inlet may be unreliable. Mariners are advised to use caution while navigating this area.
Chart 11555

NC – BARNEY SLOUGH - SHOALING
UPDATED. 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 Barney Slough Channel Lighted Buoy 6 (LLNR 28722.3). Observed depths of 4 feet MLW. And shoaling is occurring in the vicinity of Barney Slough Channel Lighted Buoy 15 (LLNR 28723.7). NC BNM 204-20, 013-20
Chart 11555

NC – BIG FOOT SLOUGH – SHOALING
Shoaling exists IVO Big Foot Slough Channel Buoy 11 (LLNR 29070). NC BNM 464-19

NC – TEACHES HOLE – SHOALING
There has been a report of shoaling at Teaches Hole Channel. Shoaling to 2-3 FT between Teaches Hole Channel Buoy 21 (LLNR 28957) and Teaches Hole Channel Buoy 25 (LLNR 28962.2). NC BNM 164-20
Charts 11550

NC - OCRACOKE INLET - SHOALING
Shoaling exist in the vicinity of Ocracoke Inlet. Current 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 – BARDEN INLET – BACK SOUND – SHOALING
Shoaling exists in Barden Inlet and Back Sound between Barden Inlet Buoy 8 (LLNR 29180) and Barden Inlet Buoy 15 (LLNR 29210), average depth of less than 3 feet at MLW. Under the current condition of the inlet, the aids to navigation can no longer be configured to safely mark a passable channel and the aids to navigation will be discontinued. Two Danger Shoal Buoys will be placed at each end of the removed section. NC BNM 136-19
Chart 11545

NC – CORE SOUND – HARKERS ISLAND – THE STRAITS – SHOALING
Wilmington District USACE Survey of 12 Mar 2020 has identified significant shoaling IVO Harkers Island in The Straights. Depths as low as 4ft MLW were found between Core Sound Light 47 (LLNR 34680) and Core Sound Light 46 (LLNR 34675). NC BNM 085-20
Chart 11545

NC – BOGUE INLET – SHOALING
Shoaling exists channel ward from Bogue Inlet Buoy 14 (LLNR 29559) with depth as low as 1 FT MLW may be encountered in the area. Mariners are advised to navigate the area with caution and consult latest USACE Survey available here:
https://www.saw.usace.army.mil/Missions/Navigation/Hydrographic-Surveys/Inlets-Crossings/
Chart 11541

NC – BOGUE SOUND – SHOALING
Shoaling has been reported between Bogue Sound Daybeacon 10 (LLNR 38875) and Bogue Sound Daybeacon 14 (LLNR 38895), 10 yards into the channel to a depth of 1-2 feet MLW. Mariners are advised to use extreme caution while navigating this area. NC BNM 228-18
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 - CORE SOUND - WAINWRIGHT SLOUGH - SHOALING
Significant shoaling exists between Core Sound Light 5 (LLNR 34345) and Core Sound Daybeacon 5B (LLNR 34350) in Wainwright Slough. Depth less than 3 feet may be present within the channel. Mariners are advised to navigate with extreme caution when transiting this area. NC BNM 384-18
Chart 11550

NC – WESTERN PART OF PAMLICO SOUND – PAMLICO RIVER – WRIGHT CREEK – SHOALING
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 – CAUSEWAY CHANNEL – SHOALING
Shoaling has worsened IVO Causeway Channel Buoy 5A (LLNR 38731) and Causeway Channel Buoy 6A (LLNR 38736), depths as low as 4 feet may be encountered inside the markers at MLW. Mariners should exercise extreme caution when navigating this area. NC BNM 282-19
Chart 11541

NC - NEUSE RIVER TO MYRTLE GROVE SOUND – AICWW - NEW RIVER TO CAPE FEAR RIVER – BROWNS INLET
Shoaling has been reported in the AICWW near the intersection of Browns Inlet and the AICWW in the vicinity of New River – Cape Fear River Buoy 61A (LLNR 39223).

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

NC – BANKS CHANNEL – SHOALING
USACE Surveys revealed significant shoaling in Banks Channel to a depth of 1 ft MLW. Banks Channel Light 1 (LLNR 30050) to Banks Channel Daybeacon 3 (LLNR 30065), Daybeacon 9 (LLNR 30085) to Banks Channel Daybeacon 9A (LLNR 30090), Banks Channel Light 11 (LLNR 30095) to Banks Channel Daybeacon 12 (LLNR 30100) and Banks Channel Daybeacon 21 (LLNR 30135) to Banks Channel Buoy 22 (LLNR 30137).
Chart 11541

NC – CAROLINA BEACH INLET – SHOALING
Significant shoaling exists in Carolina Beach Inlet to a depth of less than 3 feet at mean low water in various locations throughout the inlet. Multiple aids to navigation may be unreliable and not marking good water. Mariners are advised to use extreme caution while navigating this area.
Chart 11541

NC - SNOWS CUT - SHOALING
Shoaling exists in Snows Cut to a depth of 4 feet at mean low water in various locations between New River – Cape Fear River Buoy 162 (LLNR 39757) and New River - Cape Fear River Lighted Buoy 163 (LLNR 39825). Mariners are advised to use caution while navigating this area. NC BNM 293-19
Charts 11534

NC – LOCKWOODS FOLLY INLET – SHOALING
UPDATED INFORMATION. Cape Fear River – Little River Buoy 47 (LLNR 40225) in Lockwoods Folly Crossing was moved to position 33-55-17.921 N, 078-14-03.157 W to better mark shoaling. Shoaling exists in Lockwoods Folly Inlet to a channel depth of 4 feet at mean low water throughout the inlet and to a depth of 2 feet at mean low water in the crossing near Buoy 47A (LLNR 40230). Most recent USACE survey shows depths as low as 4 feet mean low water throughout the inlet and a depth as low as 2 feet in the entrance at mean low water. Mariners are advised to use extreme caution while navigating this area. NC BNM 186-19
Chart 11534

NC – NEW RIVER - CAPE FEAR RIVER – SHOALING
Shoaling found near New River - Cape Fear River Buoy 99 (LLNR 39547) and New River - Cape Fear River Buoy 99A (LLNR 39548). Depths as low as 4 feet at MLW were observed. SEC NC BNM 140-20
Chart 11541

NC – INTRACOASTAL WATERWAY - MYRTLE GROVE SOUND TO LITTLE RIVER
Shoaling was found between Cape Fear River - Little River Buoy 80A (LLNR 40337) and Cape Fear River - Little River Buoy 82 (LLNR 40345). Depths as low as 3ft were observed in the ICW channel at MLW. Position 33-54'25.55"N, 078-23'4.41"W. Shoaling is across the entire channel.
Chart 11534

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

(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)
- *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)

- ***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 (1-20-5) signed March 20, 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 bridge may be shifted up to 585 feet to the west of the current navigation span. (KB)

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

- ***Washington DC*** –
  Anacostia River – Frederick Douglass Memorial Bridge - Permit (2-17-5) signed December 4, 2017, for a fixed bridge replacement with a vertical clearance of 42 feet above mean high water and a horizontal clearance of 150 feet. (MB)
- ***Virginia (Northern)*** – None.

SECTORVIRGINIA

- ***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)
  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)
  Hampton Roads - I-64/US 60 (Hampton Roads Beltway) north and south approach bridges for the Hampton Roads Bridge Tunnel (HRBT) – Fixed bridge replacement Preliminary Navigation Clearance Determination (PNCD) issued on July 1, 2020: 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 – I-64/US 60 (Hampton Roads Beltway/Willoughby Bay) Bridge - Fixed bridge replacement Preliminary Navigation Clearance Determination (PNCD) issued on July 1, 2020; vertical clearance of 25 feet above mean high water and horizontal clearance of 50 feet. (MT)
  Blackwater River - Public Notice **D05PN-05-2020** - Comments closed on ***June 9, 2020***. (MS)

SECTOR NORTH CAROLINA

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

  The Straits – Harkers Island Bridge – Bridge Replacement - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 24, 2017; vertical clearance of 45 feet above mean high water and a horizontal clearance of 125 feet. (MB)
  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 - Preliminary Public Notice **D05PPN-04-2020** - Comments closed on ***March 24, 2020***. (MB)

Regulations:

SECTOR DELAWARE BAY

- *Delaware* – None
- New Jersey (Central & Southern)
  Glimmer Glass, (Debbie's Creek) - Monmouth County Bridge (W-9) – Bridge will be maintained in the closed-to-navigation position from 12:01 am. On April 22, 2020, until 11:59 p.m. on October 18, 2020, except for scheduled openings on the hour if any vessels are waiting to pass. The closure is necessary due to reduced personnel staffing related to the coronavirus (COVID-19) pandemic. During the closure, the bridge will open on signal on the hour if any vessels are waiting to pass. The vertical clearance of the bridge in the closed-to-navigation position is 9 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 for emergencies. At all other times the bridge will operate per 33 CFR 117.719. Mariners should use caution when transiting the area. (HP)

  Rancocas Creek - Riverside-Delanco Bridge – The bridge will be maintained in the closed-to-navigation position from 12:01 a.m. on May 5, 2020, through 11:59 p.m. on October 31, 2020. The closure is necessary due to reduced personnel staffing related to the coronavirus (COVID-19) pandemic. During the closure, the bridge with open on signal between 3 p.m. and 8 p.m., from Monday through Friday, and between 1 p.m. and 8 p.m., on Saturday and Sunday. 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 for emergencies if at least 30 minutes notice is given to (856) 829-3002. At all other times the bridge will operate per 33 CFR 117.745 (b). Mariners should use caution when transiting the area. (HP)
  Great Channel - CR 619 (Ocean Drive) Bridge - The bridge will be maintained in the closed-to-navigation position from 6 a.m. on May 15, 2020, to 10 p.m. on October 15, 2020. The closure is necessary due to reduced personnel staffing related to the coronavirus (COVID-19) pandemic. During the closure, the bridge will open on signal, if at least 2 hours notice is given to (609) 465-1035. Vessels able to pass through the bridges in the closed-to-navigation position may do so at anytime. The bridge will be able to open on signal for emergencies, if at least 30 minutes notice is given to (609) 465-1035. At all other times, the drawbridge will operate in accordance with the regulations set out in Title 33 Code of Federal Regulations Part 117.720. Mariners should use caution when transiting the area. (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*
  Trent River - US 70 (Alfred C. Cunningham) Bridge – Bridge will be maintained in the closed-to-navigation from 9:30 p.m. to 10:30 p.m. on Saturday, July 4, 2020, or Sunday, July 5, 2020, if inclement weather on Saturday July 4, 2020. The vertical clearance of the bridge in the closed position is 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 be able to open for emergencies if at least a five-minute notice is given. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.843 (a). Mariners should use extreme caution when transiting the area. (HP)

Construction, et al:

SECTOR DELAWARE BAY

- *Delaware*
  Lewes and Rehoboth Canal - Bridge 3-150 (State Road 1) Bridge – Bridge maintenance will be conducted from July 19, 2019, to December 30, 2020. To facilitate the work, scaffolding will be installed underneath the bridge and will reduce the vertical clearance to 32 feet above mean high water. The Project Foreman may be reached on VHF/FM Channel 13. Mariners should use caution when transiting the area. (MS)
  Chesapeake and Delaware Canal - Reedy Point Bridge – Bridge inspection will be conducted between Thursday, June 25, 2020, and Friday, June 26, 2020; from 6 a.m. to 6 p.m. The inspections will require the USACE vessel Dauntless to be used as a dive platform and operate in and around the navigable channel. The Dauntless may be reached at 215-656-6605 or 215-915-9463. The dive boat may also be reached on VHF-FM channel 13. The Dauntless will be monitoring VHF-FM channels 13 and 16. Mariners should use caution when transiting the area. (MB)
  Christina River - SR 141 (1-501) Bridge – Bridge maintenance will be conducted from July 1, 2020, to August 15, 2020, Monday-Thursday from 6:30 a.m. to 4:30 p.m. To facilitate the work, four 21ft X 41ft work barges and two work skiffs will be in the vicinity of the navigational channel. There will also be divers in and around the vicinity of the work barges. Mariners are advised to contact the Project Foreman on VHF/FM Channel 13 at least 30 minutes before 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)
  New Jersey Intracoastal Waterway (NJICW), Inside Thorofare - US40-322 (N Albany Ave) Bridge – Bridge maintenance that begun in September, 2018, will continue to be conducted from 6 a.m. to 6 p.m.; Monday-Friday; through December 31, 2020. Work will consist of repair and rehabilitation of the bridge fender system. A crane barge, a material barge, a 25-foot work vessel, and several work floats will be located in and around the vicinity of the bridge. During the work hours, the horizontal clearance of the bridge will be reduced to approximately 25 feet due to work floats located inside the navigational channel throughout for the duration of the maintenance period. Vessels that can safely transit through the bridge during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge during periods with a reduced horizontal clearance may transit through the bridge between 11:30 a.m. and 12:30 p.m., if at least a 24-hour prior notice is given to the project foreman. Maintenance personnel, equipment and vessels will relocate from the navigable channel to facilitate the safe transit through the bridge of vessels that cannot safely transit the bridge with a reduced horizontal clearance. Work vessels and barges may be reached on VHF-FM channel 13. The project foreman may be reached at (267) 907- 5087 or (215) 815-1251. Mariners

should use extreme caution when transiting the area. (MT)
New Jersey Intracoastal Waterway (NJICW), Beach Thorofare - US 30 (Absecon Boulevard) Bridge – Bridge maintenance that begun in September, 2018, will continue to be conducted from 6 a.m. to 6 p.m.; Monday-Friday; through December 31, 2020. Work will consist of repair and rehabilitation of the bridge fender system. A crane barge, a material barge, a 25-foot work vessel, and several work floats will be located in and around the vicinity of the bridge. During the work hours, the horizontal clearance of the bridge will be reduced to approximately 30 feet due to work floats located inside the navigational channel throughout for the duration of the maintenance period. Vessels that can safely transit through the bridge during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge during periods with a reduced horizontal clearance may transit through the bridge between 11:30 a.m. and 12:30 p.m., if at least a 24-hour prior notice is given to the project foreman. Maintenance personnel, equipment and vessels will relocate from the navigable channel to facilitate the safe transit through the bridge of vessels that cannot safely transit the bridge with a reduced horizontal clearance. Work vessels and barges may be reached on VHF-FM channel 13. The project foreman may be reached at (267) 907- 5087 or (215) 815-1251. Mariners should use extreme caution when transiting the area. (MT)
Delaware River - SR 73 (Tacony-Palmyra) Bridge – Bridge painting project will be conducted from March 25, 2019, to September 1, 2020, Monday through Saturday, from 7 a.m. to 5 p.m. To facilitate the work, scaffolding will be installed underneath the bridge and will reduce the vertical clearance by 4 feet at the Tacony Truss and Palmyra Truss Spans and by 3 feet at the Arch Span. The Project Foreman may be reached at (267) 767-2550 or VHF/FM Ch. 13. Mariners are urged to use caution when transiting the area. (MS)
New Jersey Intracoastal Water (NJICW), Ingram Thorofare - CR 601 (Avalon Blvd) Bridge – Bridge construction will be conducted from September 1, 2019, to May 25, 2021. To facilitate the work, scaffolding will be installed underneath the bridge and will reduce the vertical clearance to 33ft above mean high water. The Project Foreman may be reached on VHF/FM Channel 13. Mariners should use caution when transiting the area. (MS)
Delaware River - SR 73 (Tacony-Palmyra) Bridge - Bridge maintenance will be conducted from February 12, 2020, to August 11, 2020, Monday through Saturday, from 7 a.m. to 5 p.m. The maintenance will require a 2-hour advance notice for all requested bridge openings during the entire maintenance period. The project supervisor can be reached at (856) 429-3400. The bridge tender may be reached on VHF-FM channels 13 or 16. The movable span shall be unable to open for an emergency during the specified working hours unless a 2-hour notice is provided. Mariners are urged to use caution when transiting the area. (MB)
Delaware River - Betsy Ross Bridge – Bridge inspection will be conducted from June 8, 2020, to June 12, 2020; Monday - Friday, 7 a.m. to 4 p.m. Inspection vessels will be monitoring VHF channel 13, and the boat captain may be reached at (513) 313-0610 or (732) 407-0957. The inspection vessels can relocate with 30 minutes notice. Mariners are urged to use caution when transiting the area. (KB)
Great Channel, New Jersey Intracoastal Waterway - Stone Harbor Boulevard Bridge – To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 8 p.m. to 6 a.m. from June 8, 2020, through July 1, 2020. Vessels able to pass through the bridge in the closed position may do so at any time. The bridge will be able to open for emergencies, if at least one hour notice is given. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.720. Mariners should use caution when transiting the area. (HP)
Pennsylvania –
Schuylkill River - Grays Ferry Railroad Bridge - Modification activities which began June, 2018, are expected to finish on December 31, 2020. Work will be performed from 6 a.m. to 5 p.m.; M-F. During this bridge modification project, one navigation span will be occupied; the other navigation span will be open for vessels to transit. Mariners should navigate the waterway with extreme caution and due regard for prevailing conditions on the waterway. The new bridge will have a vertical clearance of 26 feet above mean high water in the closed-to-navigation position, an unlimited vertical clearance in the open position, a horizontal clearance of 75 feet in the western navigation span, and 65 feet in the eastern navigation span. Detailed project information and information concerning the waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. (MT)
Schuylkill River - I-76 (Schuylkill) Expressway, west bank, between University Avenue - Bridge maintenance will be conducted between Wednesday, March 27, 2019, and Friday, October 16, 2020; Mon-Fri; from 6 a.m. to 4 p.m. The maintenance will require a tug and two barges to work along the western bank of the Schuylkill River. The project superintendent may be reached at (610) 487-4976. The tug will be monitoring VHF-FM channels 13 and 16. Mariners should use caution when transiting the area. (MB)
Delaware River - SR 73 (Tacony-Palmyra) Bridge – Bridge painting project will be conducted from March 25, 2019, to June 11, 2020, Monday through Saturday, from 7 a.m. to 5 p.m. To facilitate the work, scaffolding will be installed underneath the bridge and will reduce the vertical clearance by 4 feet at the Tacony Truss and Palmyra Truss Spans and by 3 feet at the Arch Span. The Project Foreman may be reached at (267) 767-2550 or VHF/FM Ch. 13. Mariners are urged to use caution when transiting the area. (MS)
Delaware River - Betsy Ross Bridge – Bridge inspection will be conducted from June 8, 2020, to June 12, 2020; Monday - Friday, 7 a.m. to 4 p.m. Inspection vessels will be monitoring VHF channel 13, and the boat captain may be reached at (513) 313-0610 or (732) 407-0957. The inspection vessels can relocate with 30 minutes notice. Mariners are urged to use caution when transiting the area. (KB)
Shark River - Route 71 (Main Street) Bridge -To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 5 p.m. to 5 a.m., from Monday, June 29, 2020, through Wednesday, July 1, 2020. During this period, the bridge will open on signal or demand from 5 a.m. to 5 p.m. Vessels able to pass through the bridge in the closed position may do so at any time. The bridge will not be able to open for emergencies. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.751. The project superintendent may be reached at (856) 718-2133. Mariners should use caution when transiting the area. (KB)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- *Maryland*
  Chesapeake Bay - US 50/US 301 (William P. Lane Jr. Memorial) (Eastern Channel) Westbound Bridge – Bridge maintenance which began in July 2017, has been extended to December 31, 2020; 24 hours a day; 7 days a week. The work will involve the Spans 44-46 (span 45 is the navigational span). A barge and work vessels will be in and around the vicinity of the bridge. A work platform will be attached to the underside of bridge which will reduce the vertical clearance of the bridge span to approximately 56 feet above mean high water. During the maintenance period from March 5, 2019, through May 25, 2019, a work barge will be located near the center of the navigational span, reducing the horizontal clearance of the bridge to approximately 300 feet on either side of the barge. Work vessels may be reached on VHF-FM channel 13. The project foreman may be reached at (717) 490-1699 or 803-535-9995. Mariners should use extreme caution navigating through the area. (MT)
  Neale Sound - Bridge No. 0803800 (MD-254) Bridge - Construction activities will began on May 21, 2018, and are expected to conclude on August 31, 2020. Work hours are from 6 a.m. to 6 p.m., Monday through Friday. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Marine equipment engaged in bridge construction will include the Tug Rising Sun; whirley crane Hampton Road on a 46-foot by 108-foot barge; pedestal crane Patapsco on a 40-foot by 100-foot barge; WS4 a 40-foot by 98-foot crane barge; SC149 a 52-foot by 115-foot deck barge; SC77 a 34-foot by 240-foot car float barge and work boats, jack boats and crew boats. Marine equipment will moor via spuds in Neale Sound during bridge construction and for heavy weather. Mariners may contact vessels and construction personnel via VHF-FM channel 13 and 16. The

project superintendent may be contacted at (443) 980-7633 and the project area construction manager may be contacted at (410) 215-3579. Mariners should navigate with extreme caution in the vicinity of the bridge and construction equipment. (HP)

Neale Sound - No. 0803800 (MD-254) Bridge - Demolition of old bridge will commence on May 11, 2020, and continue for approximately 2 months until July 3, 2020. Demolition within the navigation span will be performed between May 11, 2020, and May 15, 2020. Work hours are from 6 a.m. to 6 p.m., Monday through Friday. Four deck barges and a crane barge will be placed alongside the bridge, but outside the navigation channel. Mariners may contact vessels and construction personnel via VHF-FM channel 13 and 16. The project superintendent may be contacted at (443) 980-7633 and the project area construction manager may be contacted at (410) 215-3579. Mariners should navigate with extreme caution in the vicinity of the bridge and construction equipment. (HP)

Severn River - US 50/US 301/SR 2 (John Hanson Highway/Severn River) Bridge - Bridge maintenance will be conducted from 7 a.m. to 3:30 p.m.; Monday-Friday; from 7 a.m. on April 16, 2020, through 3:30 p.m. on April 30, 2021. During the maintenance period a work platform will be located beneath the bridge which will reduce the vertical clearance of the bridge to approximately 70 feet above mean high water. The project foreman may be reached at (410) 984-1807 or (443) 506-3756 or (443) 458-8620. Mariners should use caution navigating through the area. (MT)

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)

Oak Creek - SR 33 (Saint Michaels Road) Bridge – Bridge maintenance will be conducted from 8 a.m. to 5 p.m.; Monday-Friday; from 8 a.m. on June 1, 2020, through 5 p.m. on July 24, 2020. Two 10-foot work barges and a diver will be located in and around the vicinity of the bridge. During the work hours, the two work barges and the diver will be in the navigation channel, which will reduce the horizontal clearance of the bridge to approximately 35 feet. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Vessels that can safely transit through the bridge during periods with a reduced horizontal clearance may do so at any time. Vessels that cannot safely transit through the bridge during periods with a reduced horizontal clearance may transit through the bridge if at least a 2-hour prior notice is given to the project foreman. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (443) 417-4751 or (443) 569-2353. Mariners should use extreme caution while transiting through the bridge and navigating through the area (MT)

Spa Creek - S181 (6th Street) Bridge – Bridge will be maintained in the closed-to-navigation position from 9a.m. to 3 p.m., on Thursday, June 11, 2020, and June 12, 2020 from 9 a.m. to 3 p.m. to accommodate bridge inspections. Vessels able to pass through the bridge in the closed position (15 feet above MHW) may do so at any time, and others should adjust their transits accordingly. Bridge can open upon request. Mariners should use caution when transiting the area. (KB)

- *Washington DC*

  Potomac River - Arlington Memorial Bridge **-** Major rehabilitation of the Arlington Memorial Bridge commenced in the Potomac River in Washington, DC in July of 2018, and will continue until November 2020. The initial work consisted of pinning a pier barge in place with a steel ramp connecting the barge to the shore on the western shoreline south of the bridge and outside of the federal navigation channel. Construction work will generally be conducted Mondays through Saturdays, between 7 a.m. and 7 p.m., though nighttime work is possible. Marine equipment on site includes a crew boat, push boats, and up to 10 barges at various locations along the length of the bridge with work focused on the center span. In July of 2018, the project relocated the federal navigation channel under the center span of the bridge (Arch 5) to a temporary channel located under the adjacent span to the east (Arch 4). Through July 3, 2020, the temporary channel will be located under Arch 3, due to marine construction under Arch 5 and Arch 4. On the evening of July 3, 2020, the temporary channel will be reverted back to Arch 4. Navigation channel lighting at the bridge will be in accordance with Coast Guard requirements. The federal navigation channel (Arch 5) remains completely obstructed to replace the center span of the bridge. All elements will be marked and lighted in accordance with USCG requirements. Mariners are urged to use caution when transiting the area, and operate at the minimum speed necessary to maintain safe course near the work site. Interested mariners can contact the vessels BULLDOG II and CAPT. JACK via marine band radio VHF-FM channels 16 and 13 when actively working on the river, or at telephone number 305-304-6853. The Kiewit bridge construction contractor may be contacted at 813-323-4611. For any questions or concerns, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2693. (MS)(RH)

  Anacostia River - Frederick Douglass Memorial (South Capitol Street) Bridge – Bridge construction commenced in the Anacostia River in Washington, DC on April 19, 2018, and will continue into 2022. The work is being conducted Mondays through Saturdays, between 7 a.m. and 7 p.m., with intermittent night work and currently consists of: (1) The temporary West Trestle, which extends from the western shoreline eastward to the center of the federal navigation channel and includes new Bridge Pier 1 and the western portion of the new bridge superstructure. The western half of the federal navigation channel, approximately 150 feet, is currently restricted to navigation. This area is marked with two orange and white information and regulatory marker buoys labeled "Danger" that are placed approximately 85 yards (250 feet) upstream of the bridge. (2) The temporary East Trestle, which extends from the eastern shoreline westward to the eastern limit of the federal navigation channel and includes new Bridge Pier 2 and the eastern portion of the new bridge structure. This area is marked with two orange and white information and regulatory marker buoys labeled "Danger" with the standard 'Exclusion' diamond symbol that are placed approximately 85 yards (250 feet) upstream of the bridge. The federal navigation channel east of the center pier (eastern half), approximately 150 feet wide, remains available for navigation. To support active construction operations, a vessel/barge may be intermittently positioned within the navigable channel. 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. (MB)(RH)

- ***Virginia (Northern)* -** None

SECTOR VIRGINIA

- *Virginia (Southern)*

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

  Albemarle and Chesapeake Canal, Atlantic Intracoastal Waterway - Centerville Turnpike (SR-170) Bridge – Bridge maintenance began on Monday, May 13, 2019, and is scheduled to end on Friday, September 18, 2020. Bridge maintenance will be performed in six phases and

updated notices will be published prior to each phase. This notice provides details for Phase VI, scheduled from 6 a.m. on February 20, 2020, through 8:30 p.m. on September 18, 2020. Work hours are Monday through Friday, from 6 a.m. to 8:30 p.m. The swing span of the bridge will be operational. During work hours, bridge maintenance vessels and barges will occupy the navigation span, reducing the horizontal clearance to approximately 40 feet. Bridge maintenance vessels and barges will relocate from the navigation span, upon request, for commercial vessels carrying liquefied flammable gas or other hazardous materials and emergency vessels as defined in 33 CFR 117.31; and all vessels upon request, if at least a one-hour notice is given. Vessels may contact the bridge tender on VHF-FM channel 13 or (757) 547-3631. Vessels may contact work vessels or the project foreman on VHF-FM channel 13 or (757) 620-3565. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.997(i). The drawbridge has a vertical clearance of 4 feet above mean high water in the closed position, unlimited vertical clearance in the open position and a horizontal clearance of 80 feet. Mariners should adjust their transits accordingly and use extreme caution when transiting the area. (HP)

Pamunkey River - US 30 (Eltham Road) Bridge – Bridge inspection personnel will be on-scene from December 02, 2019, to December 27, 2019. The inspection will require the use of an under-bridge inspection vehicle/snooper truck on the roadway and safety boat in the navigable channel each day from 8 a.m. to 5 p.m. The inspection crew is requesting a 10-minute advance notice for an opening to allow inspection personnel and equipment to relocate from the moveable span. The bridge tender may be reached on VHF/FM CH 13. Mariners should use caution when transiting the area. (KB)

James River - US 17/US 258/SR 32 (James River Bridge) Bridge – Bridge maintenance will be conducted from 6:30 a.m. to 7:30 p.m.; Monday-Saturday; from 6:30 a.m. on April 6, 2020, through 7:30 p.m. on July 31, 2020. During the maintenance period, work barges, vessels, vehicles, platforms and lifts will be in and around the vicinity of the bridge and the small boat navigation channel. The work platform will occupy the small boat navigation channel, which will reduce the vertical clearance of the small boat navigational channel to approximately 19 feet above mean high water. The work vehicle will be performing maintenance on the lift span portion of the bridge from 9 p.m. to 5 a.m.; Sunday-Thursday; from 9 p.m. on June 1, 2020, through 5 a.m. on June 30, 2020. During work hours, the work vehicle will extend below low steel of the bridge approximately six feet, reducing the vertical clearance of lift span to approximately 54 feet above mean high water in the closed position. Vessels that require the work vehicle to clear the lift span to transit through the bridge navigation span should notify the work foreman no less than 10 minutes prior to navigating through the bridge. The work vehicle and work vessels may be reached on VHF-FM channel 13. The project foreman may be reached at (252) 305-1674 or (423) 494-0833. Mariners should use caution navigating through the area. (MT)

James River - SR 156 (Benjamin Harrison Memorial) Bridge – Bridge maintenance will be conducted from 7 a.m. to 5 p.m.; Monday-Friday; from 7 a.m. on March 9, 2020, through 5 p.m. on October 30, 2020. A 40-foot barge and two work boats and a dive team will be located in the vicinity of the bridge, but should not encroach into the navigation channel. Work vessels may be reached on VHF-FM channel 13 and 16. The project foreman may be reached at (757) 435-9097 or (757) 558-3939 or (757) 478-2705. Mariners should use extreme caution navigating through the area. (MT)

James River - SR 156 (Benjamin Harrison Memorial) Bridge –To facilitate bridge work, the bridge will be maintained in the closed-to-navigation position from 7 p.m. on May 17, 2020, through 6 a.m. on July 3, 2020. The bridge will remain in the closed position from 7 p.m. to 6 a.m. on May 17, 2020, through May 22, 2020; and from June 23, 2020, through June 24, 2020; and from June 28, 2020, through July 3, 2020. During these closure periods the bridge will open on signal, if at least a 2-hour prior notice is given. The bridge will not be able to open for emergencies. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. Vessels able to pass through the bridge in the closed position may do so at any time, and should notify the bridge tender no less than 10 minutes prior to transiting through the bridge. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.5. Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)

SECTOR NORTH CAROLINA

- *North Carolina*

Oregon Inlet - Herbert C. Bonner Bridge – Demolition of the old bridge is anticipated to be completed by January 31, 2020. 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 22 and 23 (span 23) of the new bridge. Mariners are advised to use extreme caution when transiting through the bridge, follow the aids to navigation closely and remain at least 500 feet clear of all construction vessels and equipment. Submerged concrete pilings are just below the surface of the water near construction activities. (HP)

Atlantic Intracoastal Waterway (Bogue Sound) - SR 1184 (Atlantic Beach Bridge) Bridge – Bridge maintenance, which began October 2018, will continue to be conducted from 7 a.m. to 7 p.m.; Monday-Saturday; through November 30, 2020. A crane barge, material barge, several tugs, several work vessels and platforms, and a snooper truck will be located in and around the vicinity of the bridge. During work hours, the snooper truck will be located in and around the navigational span of the bridge performing concrete repairs through November 30, 2020. During work hours, the crane barge, material barge, several tugs, several work vessels and platforms will be located within the navigation span performing work on the fender system through March 31, 2020. 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. Vessels that require the snooper truck to clear the navigation span to safely navigate through the bridge should notify the work foreman no less than 30 minutes prior to navigating through the bridge. The tugs, barges, and work vessels and platforms will reduce the horizontal clearance in the navigation span to approximately 38 feet. Vessels that require the tugs, barges, and work vessels and platforms to clear the navigation span to safely navigate through the bridge should notify the work foreman no less than one hour prior to navigating through the bridge. Work vessels may be reached on VHF-FM channel 13. The project foreman may be reached at (571) 287-9269 or (703) 231-8589. Mariners should use extreme caution navigating through the area. (MT)

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

Northeast Cape Fear River - US 74/SR 133 (Isabel S. Holmes) Bridge – Bridge maintenance which began in September 2019, will continue to maintain the bridge in the closed position 24 hours a day, 7 days a week, through 12:01 a.m. on June 30, 2021. The bridge will open on signal for daily scheduled openings at 6 a.m., 10 a.m., 2 p.m. and 7 p.m., if at least a 24-hour notice is given; except for scheduled bridge closures for events per 33 CFR 117.829 (a) (4). The bridge will open on signal for vessels unable to safely transit the bridge during a scheduled opening,

due to the vessel's draft, if at least a 24-hour notice is given; except for scheduled bridge closures for events per 33 CFR 117.829 (a) (4). During the maintenance period, a work platform will be located underneath the bridge, which will reduce the vertical clearance of the bridge to approximately 34 feet above mean high water in the closed position. Vessels that can safely transit through the bridge in the closed position with the reduced vertical clearance may do so, if at least a 30-minute notice is given, to allow for navigation safety. The bridge will not be able to open for emergencies. Work vessels and barges may be reached on VHF-FM channel 13 and the project foreman may be reached at (910) 251-5774 or 561-232-9773. Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)
Northeast Cape Fear River - US 74/SR 133 (Isabel S. Holmes) Bridge – To facilitate maintenance, the bridge will be maintained in the closed position from 7 p.m. on June 12, 2020, through 6 a.m. on July 13, 2020. The bridge will remain in the closed position from 7 p.m. to 6 a.m. on June 12, 2020, through June 15, 2020, and from 7 p.m. to 6 a.m. on June 26, 2020, through June 29, 2020. Alternative work dates for these closure periods will be from 7 p.m. to 6 a.m. on June 19, 2020, through June 22, 2020, and from 7 p.m. to 6 a.m. on July 10, 2020, through July 13, 2020. During the maintenance period, a work platform will be located underneath the bridge, which will reduce the vertical clearance of the bridge to approximately 34 feet above mean high water in the closed position. There is no immediate alternative route for vessels unable to pass through the bridge in the closed position. Vessels that can safely transit through the bridge in the closed position with the reduced vertical clearance may do so at any time. The bridge will not be able to open for emergencies. Work vessels and barges may be reached on VHF-FM channel 13 and the project foreman may be reached at (813) 376-1285. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.829 (a). Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)

Permits/Construction:

SECTOR DELAWARE BAY

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

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- *Maryland*
  Potomac River - Theodore Roosevelt (fixed) Bridge - DDOT is conducting an investigation and assessment of the bridge. They'll assess structural condition, needs for extended life cycle, and safety compliance improvements. Then will do a design analysis of alternatives with construction in the future (no date given).
- *Washington, DC* –
  Anacostia River – 11th Street Bridge Park – Proposed fixed pedestrian bridge park to be built on retained substructure of old 11th Street Bridge. (HP)
- *Virginia (Northern)* – None

SECTOR VIRGINIA

- *Virginia (Southern)* – None

SECTOR NORTH CAROLINA

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

SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS CURRENTLY IN PROGRESS

NEW OR UPDATED INFORMATION
New, updated or very important information in this enclosure will be 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.

NJ - SHARK RIVER INLET – DREDGING
The US Army Corps of Engineers will be conducting maintenance dredging with the hopper dredge CURRITUCK in the vicinity of Shark River Inlet daily from 6:00 a.m. to 6:00 p.m. beginning July 19 through July 24, 2020. Mariners are reminded to maintain a safe distance from all dredge equipment and vessels. The dredge CURRITUCK can be contacted on VHF-FM Channel 13 or 16.
Chart 12324

NJ – GREAT EGG HARBOR BAY – BEESLEYS POINT – TRANSITION TOWER CONSTRUCTION
In mid-August 2019, South State Contractors will begin construction of new transition towers in Great Egg Harbor Bay west of the Garden State Parkway Great Egg Harbor. The new towers will be located approximately 500' to the west of the existing towers. All barges and work boats involved will be monitoring VHF channel 13. Project work will be conducted 7 days a week between the hours of 5:00 a.m. and 8:00 p.m. and expected to last till **Aug 2021.** A floating dock consisting of Shugart barges will be staged outside of navigable channel near the old Route 9 bridge.
Chart 12316

NJ – INTRACOASTAL WATERWAY – LITTLE EGG HARBOR – BOROUGH OF BEACH HAVEN – TOWNSHIP OF LONG BEACH – DREDGING
Continuing until approximately **30 June 2020,** Wickberg Marine Contracting will be conducting dredging operations for the New Jersey Department of Transportation within eight (8) State owned channels that are spurs off of the Intracoastal Waterway within New Jersey and two (2) Municipal Channels; the Municipal Channels are spurs off of the State Channels. All of the work is taking place along the eastern shoreline of Egg Harbor, within the Borough of Beach Haven and the Township of Long Beach, Ocean County New Jersey. The project's northern limit is just north of New Jersey Intracoastal Waterway Daybeacon 96 (LLNR 35375) and the southern limit is just south of New Jersey Intracoastal Waterway Light 110 (LLNR 35435). Dredge pipeline will parallel the Intracoastal Waterway; it is identified by buoys and lighted buoys. At the locations where the pipe crosses the Intracoastal Waterway, the pipe is submerged, but outside of the Intracoastal waterway (west or east side) the pipe should be considered to be semi submerged/floating.
Chart 12316

NJ - GREAT EGG HARBOR INLET TO TOWNSENDS INLET, AND PECK BEACH – DREDGING - BEACHFILL
Great Lakes Dredge & Dock Company will be conducting dredging and beachfill operations from Great Egg Harbor Inlet to Townsends Inlet, and Peck Beach, Cape May County, New Jersey. Operations will commence in June and continue until Oct 2020. Material will be dredged from the Great Egg Harbor Inlet Borrow Area and be pumped directly to shore from the hydraulic dredge OHIO. VHF- FM Channels 13 & 16 will be monitored 24hr/day, 7 day/week. For more information or questions contact Stuart Hilgendorf Project Manager (443) 831-0785 or SHilgendorf@gldd.com.
Chart 12318

NJ – SEA ISLE CITY – DREDGING - BEACHFILL
Great Lakes Dredge & Dock Company will be conducting dredging and beachfill operations in Sea Isle City. Operations will commence in June and continue until Oct 2020. Material will be dredged from the L1 Borrow Area and be pumped directly to shore from the hydraulic dredge LIBERTY ISLAND. VHF- FM Channels 13 & 16 will be monitored 24hr/day, 7 day/week. For more information or questions contact Stuart Hilgendorf Project Manager (443) 831-0785 or SHilgendorf@gldd.com.
Chart 12318

NJ – HEREFORD INLET – SEAWALL REPAIR
Beginning June 1, 2020 and continuing until **February 25, 2021** a Crane Barge along with an attendant plant will be operating at various locations in and around the Hereford Inlet. Materials will be delivered to this Crane Barge via tug and barge. The Crane Barge will not be sitting in the federally marked navigation channel at any time. The crew will be working Monday through Friday during day light hours. The Crane and attendant plant will both monitor VHF-FM Channel 16. Mariners are urged to use extreme caution and transit the area at a safe speed. If you have any questions or require additional information, please contact Agate Construction at cyurick@agateconstruction.net or at (609) 780-5175.
Chart 12316, 12318

PA – DELAWARE RIVER – MARCUS HOOK ANCHORAGE - DREDGING
UPDATED INFORMATION. The Captain of the Port (COTP), Delaware Bay, is notifying mariners that Safety Zones Two and Three associated with the Philadelphia to Sea Dredging Maintenance and Deepening Projects have been removed. Anchorage requirements for Marcus Hook Anchorage (No. 7) have returned to normal in accordance with 33 CFR 110.157. Safety zone one remains in effect for the duration of the maintenance project. Please see the latest version of Marine Safety Information Bulletin (MSIB) 03-20 PHILADELPHIA TO SEA DREDGING MAINTENANCE AND DEEPENING PROJECT at https://homeport.uscg.mil/port-directory/delaware-bay for updated information regarding the safety zones. Safety Zone One *Active* includes all the waters within a 250 yard radius of the dredge ESSEX and all associated dredge equipment operating in or around Marcus Hook Range.
Chart 12312

PA – NJ – MIFFLIN RANGE – FORT MIFFLIN TERMINAL DOCK – MARINE CONSTRUCTION
Commerce Construction Corporation will be performing marine construction for Energy Transfer Partners at Fort Mifflin Terminal Dock, located along the Del River in Tinicum Township, PA. Crews will be on the water from 6:00 AM to 6:00 PM Monday thru Sunday, thru **Dec 2020**. Multiple barge mounted cranes, support barges and small craft will be near the dock supporting construction activities. Operators of vessels of all types should be aware that men will be working on floating equipment and within the water around the crane barge and docks. A NO WAKE transit is requested. LNM 40/18
Chart 12312

PA - NJ – DELAWARE RIVER – PORT OF PAULSBORO – MARINE CONSTRUCTION
The Paulsboro Marine Terminal will be conducting construction activities along the existing marine wharf. The multi-phase project will involve creation of a new berth on the downriver side of the existing pier. The project will continue through **Oct 2021**. During construction, there will be multiple tugs, work vessels, material and crane barges in the vicinity of the pier and Mantua Creek. For questions contact Coast Guard Sector Delaware Bay Waterways.
Chart 12312

DE – DELAWARE RIVER – NEW CASTLE RANGE - RED LION CREEK – CONSTRUCTION
From 1 Jul to approximately **12 Aug 2020**, Delaware DOT will be conducting repairs to the Red Lion Creek Tide Gates and Dyke. Work will include constructing cofferdams on both sides of the existing Tide Gates and dewatering the area around the gates. Mariners are urged to transit the area with caution. For more information, contact Anna Smith, DelDOT at 302-760-2126 or anna.smith@state.de.us.
Chart 12311

MD – CHOPTANK RIVER – CAMBRIDGE – MARINE CONSTRUCTION
McLean Contracting Company will be replacing the Timber Bulkhead at Cambridge Marine Terminal in Cambridge Creek in Dorchester County MD. Construction equipment and barges will be in the waterway during construction. Work expected to last until **30 Nov 2020.** Equipment will monitor VHF-FM channels 13 and 16. Contact John Hackmann 443-623-8412 or Jay Musser 443-392-8089 for additional information.
Chart 12266

MD – CHESAPEAKE BAY – POPLAR ISLAND NARROWS – FERRY COVE – MARINE CONSTRUCTION
Lane Engineering will be conducting marine construction operations in Ferry Cove near Lowes Wharf, in approximate position 38-46-08.04N, 76-19-47.35W. Work will begin 29 Jun and continue until **25 Sep 2020** and consist of installing a pier and water intakes. For more information or questions contact Sean Callahan at 410-221-0818.

MD – POPLAR ISLAND – MARINE CONSTRUCTION
McLean Contracting Company will be conducting marine construction operations on Poplar Island, Chesapeake Bay side from 8 Nov 2019 to **31 Jul 2020**. Crane barges, deck barges, tugs, survey vessels and crew boats will be in the area and may be contacted on VHF-FM 13 and 16. For more information or questions contact, Scott Huchenski, Superintendent, 570-357-7894 or Mr. Jay Musser, Area Construction Manager, 443-392-8089.
Chart 12270

MD – CHESAPEAKE BAY – POPLAR ISLAND – ONGOING MARINE CONSTRUCTION
Marine construction of containment Cell Number 11 on Poplar Island is ongoing. Crews will be building sand and stone berms to expand the island and create a new containment cell. Mariners should avoid the area; if necessary contact the work vessels on VHF-FM channels 13 and 16. Ref LNM 1919
Chart 12266

MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE – DREDGING
Great Lakes Dredge and Dock will be conducting dredging operations in Brewerton Eastern Extension, Tolchester channel, Brewerton Angle, Brewerton Channel, and the Northwest Branch (East Channel) Harbor channels until **31 Jul 2020**, 24 hours a day, 7 days a week. Equipment on scene will be Dredge 54 and 55, tugs MICHAEL DAIGLE, BERING DAWN, ANNE JARRETT, ALLIE B, GULF DAWN, REED DANOS, HAYES, which may be contacted on VHF-FM channels 5, 13, 16. For more information or questions, contact Lester Salinas at 630-649-8879.
Chart 12278

MD – BALTIMORE HARBOR – PATAPSCO RIVER – OVERHEAD TRANSMISSION LINE – CONSTRUCTION
Marine construction operations for an 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, during **May 4, 2020-October 7, 2022**. The work will occur 24 hours per day, 7 days per week, at the following 5 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. Vessels on site, including "WB29", "MEGALADON", "RISING SUN", "CAPTAIN STEVE", crewboat and jackboats may be contacted on VHF-FM channels 16 and 13. For questions, contact Mr. Scott Popoloski, 603-501-8360 or Mr. Jay Musser, 443-392-8089.
Chart 12281

MD – BALTIMORE HARBOR – DREDGING
McLean Contracting Company will be conducting dredging operations in the Baltimore Inner Harbor Channel near Fells Point. The dredge will need approx. 30-45 minutes notice to clear the channel for traffic. The tug RISING SUN will be towing barges in the Fort McHenry Channel to the Ferry Bar Channel to the Masonville DMCF. Mariners are cautioned to stay clear of dredge and barges associated with dredging operations. Operation are 6:00 am to 6:00 pm, six days a week. For more information or questions, contact Eric Brinson, at 910-330-5862 or ebrinson@mcleancontracting.com
Chart 12281

MD – UPPER CHESAPEAKE BAY - ELK RIVER – DREDGING
Southern Maryland Dredging will be dredging in the upper Elk River beginning at the Elk River Park public boat ramp and northward past Old Frenchtown Wharf into Big Elk Creek. A dredge pipeline will be routed west of the channel to an upland disposal site. About 1.6 miles of pipeline will be in the immediate vicinity of the channel, both submerged and floating. The pipeline will be marked with high visibility floating orange balls and a line of Danger and No Wake buoys. Dredging scheduled to be completed **30 July 2020.** Operations are 12 hours a day, 5 days a week. The dredge RHODES II monitors channel 8. In addition to the dredge, 3 small work skiffs, a booster pump and one anchor barge will be on scene. For questions or additional information, contact Erika Wilson Goldman at 443-336-2320
Chart 12274

DC – POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGETOWN – ANACOSTIA RIVER – MARINE CONSTRUCTION OPERATIONS
Construction of the new Frederick Douglass Memorial (South Capitol Street) Bridge across the Anacostia River in Washington, DC continues into **2022**. Work is conducted Monday through Saturday, 7 am to 7 pm, with intermittent night work and currently consists of: 1.The temporary West Trestle, which extends from the shoreline eastward to the center of the federal navigation channel and includes new Bridge Pier 1 and the western portion of the new bridge superstructure. The western half of the federal navigation channel, approximately 150 feet, is currently restricted to navigation. This area is marked with two orange and white information and regulatory marker buoys labeled "Danger" that are placed approximately 85 yards upstream of the bridge. 2. The temporary East Trestle, which extends from the shoreline westward to the eastern limit of the navigation channel and includes new Bridge Pier 2 and the eastern portion of the new bridge structure. This area is marked with two orange and white information and regulatory buoys labeled "Danger" with the standard 'Exclusion' diamond symbol that are placed approx 85 yards upstream of the bridge. The federal navigation channel east of the center pier (eastern half), approximately 150 feet wide, remains available for navigation. A vessel/barge may be intermittently positioned within the channel. Mariners intending to transit this area should contact the vessels MS. BECKY or CLAIRE MARIE for passing arrangements.
Chart 12289

VA – CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET – WALLOPS ISLAND – DREDGING AND BREAKWATER CONSTRUCTION
Continental Heavy Civil Corp will be conducting a Breakwater and Beach Nourishment project at Wallops Island in Accomack County VA. Operations will begin on 25 Mar 2020 and continue until **Feb 2021.** The vessels CAPTAIN BEAU and HEIDI will be on scene. The beach nourishment project will be along the beach front inside the NASA base. The construction of six off shore stone breakwaters will be directly in-front on the newly placed sand. The project will include, barging material from Cape Charles Terminal to Wallops Island for the installation of the stone breakwaters. Project Coordinates are 37°51'10.06"N, 75°27'41.12"W. Contact Francisco J. Juelle for more information at 787-238-3243 or fjuelle@chcivil.com. LNM 1120
Chart 12210

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. This work will not impede the navigational channel. A crane barge may be held in place by way of spuds and at other times it may be held in place by a six point anchoring system or made fast to several steel mooring piles. Buoys will be attached to the anchors so that the anchors 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 be on VHF-FM 13 and 16.
Charts 12222

VA – CHESAPEAKE BAY – THIMBLE SHOAL CHANNEL – DREDGING
UPDATED VESSEL AND COMPLETION DATE. Weeks Marine Inc. will be conducting dredging operations in and in the vicinity of Thimble Shoal Channel, West Norfolk, Virginia. Continuing until approximately **15 September 2020** the Hopper Dredge B.E. LINDHOLM will be operating in the Thimble Shoal Channel West of the Chesapeake Bay Bridge Tunnel (CBBT). Dredge material will be transported to the Dam Neck Ocean Disposal Site (DNODS) – Cell #7. Continuing until approximately 31 August 2020 the Clamshell Dredge "Weeks 506", Tug "Neptuno", Scows (258 and 259) and tender tug "Delta" will be operating in the Thimble Shoal Channel between Thimble Shoal Channel Lighted Buoy 19 (LLNR 9305) and Thimble Shoal Channel Lighted Buoy 7 (LLNR 9235). The clamshell dredge will start dredging approximately 1,000 feet west of Thimble Shoal Channel Lighted Buoy 19 moving east. All dredge material will be towed to the Dam Neck Ocean Disposal Site. For questions, contact David McNeill at 985-237-5069.
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. Bridge passes over Great Neck Creek. Completion on or about **Oct 2022**. A cofferdam and turbidity curtains are installed at the site. For more information contact Pat Robinson at 610-960-3139.
Chart 12222

VA – ELIZABETH RIVER – WESTERN BRANCH – BRIDGE CONSTRUCTION
Until Mar 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 2320
Chart 12253

VA – HAMPTON ROADS – ELIZABETH RIVER – NEWPORT NEWS CHANNEL – DREDGING
UPDATED END DATE. Cottrell Contracting Corporation of Chesapeake, Virginia Dredge LEXINGTON will be conducting dredging operations in various locations within the Norfolk Harbor Federal Channel. Dredging will be between Elizabeth River Channel Lighted Buoy 1ER (LLNR 9445) and Elizabeth River Channel Lighted Buoy 25 (LLNR 9710) and in the Newport News Channel between Newport News Channel Lighted Buoy 2 (LLNR 10840) and Newport News Channel Lighted Buoy 10 (LLNR 10875). The dredging will continue until **1 Aug 2020.**
Chart 12222

VA – JAMES RIVER – JORDAN POINT TO RICHMOND – DREDGING
Cottrell Contracting Corporation of Chesapeake Dredge MARION will be conducting dredging operations at the Richmond Deepwater Terminal on the James River. Work will begin approximately 3,500 Feet North of James River Light 166 (LLNR 12790) and continue to 650 Feet South of James River Light 166 (LLNR 12790). Work will begin on 1 July and end approximately **1 August 2020.**
Chart 12252

VA – YORK RIVER - PAMUNKEY RIVER – TRANSMISSION LINE REPLACEMNET
STANTEC on behalf of Dominion Energy will be rebuilding an existing overhead transmission line which crosses the Pamunkey River approximately 6.5 miles west northwest of West Point, VA. Work will consist of the removal and replacement of five transmission structures within the Pamunkey River and adjacent tidal marsh. All new structures will be located outside the navigational channel. One existing structure, 224/228 is located within the river. Construction will begin on Sep 22, 2019. During the wire pulling operation, two boats will be actively patrolling the waterway and making contact with any vessel traffic. Barges will be moored in the Pamunkey River outside of the navigational channel when not actively working.
Chart 12244

VA – CHESAPEAKE BAY – CHESAPEAKE CHANNEL – DREDGING
Great Lakes Dredge and Dock Company will be conducting Dredging and Bed Leveling Operations in the Chesapeake Channel also known as the York Spit Channel from Chesapeake Channel Lighted Buoy 15 (LLNR 7115) to Chesapeake Channel Lighted Buoy 35 (LLNR 7210) until 4 Dec 2020. The tug WILLIAM BRECKINRIDGE and Dredge Barge GL 148 will be on scene until 20 Jul 2020 and the Dredge TERRAPIN ISLAND will be on scene until Dec. All vessels will monitor VHF-FM channels 13 and 16. Dredging and disposal operations done at slow speeds with limited maneuverability. Mariners are urged to use extreme caution in the area of the dredge and transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For more information or questions contact Tom Jessee at 207-522-5494 or jtjessee@gldd.com.
Chart 12254

VA – RAPPAHANNOCK RIVER – CABLE CROSSING INSTALLATION
Construction activities by Croman Construction for the for Dominion Energy Virginia Rappahannock River Cable Crossing will commence on or about September 23rd, 2019 east of the VA Route 3 Rappahannock River Bridge in the vicinity of 37 37 01.655N, 076 25 44.9693W (South Platform) and, 37 37 55.1326N, 076 24 52.724W (North Platform). Work will continue until **Apr of 2021**. The Crane Barges Xavier and CKCC 495 will be performing the construction activities supported by a Tender Tug, a Towing Tug, and material barges. All vessels and crew will monitor VHF channels 13 and 7. For more information or questions, contact James Matters 410-320-7534.
Chart 12237

VA – CHESAPEAKE BAY - TANGIER ISLAND – JETTY CONSTRUCTION
Coastal Design and Construction will be building a stone jetty near Tangier Island on the West side just north of Tangier Island West Channel Light 3 (LLNR 22730). Construction is scheduled to begin 6 Jul and continue until 31 Oct 2020. Deck barges, crane barges and tug and push boats will be in the area and may be contacted on VHF-FM channel 13. For more information or questions, contact J. Richard Mattingly – Superintendent at 301-643-4323.
Chart 12228

VA – POTOMAC RIVER – DUMFRIES – SHORELINE STABILIZATION – TURBIDITY CURTAIN
In conjunction with the Shoreline Stabilization Project, a Turbidity Curtin will be installed in the Potomac River at Dumfries, VA. The curtain will extend approximately 75 to 100 feet into the Potomac River in approximate position 38.549073, 77.274838, to 38.547058, 77.276584 and will be lighted every 100 feet. It is expected to be in place until **Aug 2020**. For any questions, contact Jessica Kelly at 757-778-7337.
Chart 12288

VA – SANDBRIDGE – HELL POINT CREEK – BRIDGE – DEMOLITION
Sandbridge Road Bridge over Hell's Point Creek demolition. Demolition of the existing bridge structure will affect the waterway beginning 2 Dec 2019. Project completion is **Jul 2020**. For any question or more information contact, Ryan Johnson of the City of Virginia Beach at 757-385-2050.
Chart 12205, 12207

NC – OREGON INLET – BONNER BRIDGE - ARTIFICIAL REEF DEPLOYMENTS
North Carolina Division of Marine Fisheries will be conducting bridge material deployments at several artificial reefs located offshore of Oregon Inlet. Material will be deployed from a barge and tugboat, which will have limited maneuverability while offloading. Deployments will take 2-3 hours each, and will occur over the next 12 months. For more information, contact Jordan Byrum with the Division's Artificial Reef Program at 252-808-8036 or at jordan.byrum@ncdenr.gov. The following artificial reefs will be used. AR-130 (36° 00.296'N, 75° 31.957'W), AR-140 (35° 56.718'N, 75° 31.965'W), AR-145 (35° 54.017'N, 75° 23.883'W), AR-160 (35° 43.888'N, 75° 26.771'W)
Chart 12204

NC – HATTERAS INLET – CONSTRUCTION AREA
NCDOT is performing construction work in Hatteras Inlet on the shoreline near the Ocracoke North Ferry Terminal in approximate position 35-11'29"N, 075-46'48"W. Mariners are advised to travel at no wake speeds and use caution while navigating this area. NC BNM 311-19

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

NC – INTRACOASTAL WATERWAY – NEUSE RIVER TO MYRTLE GROVE SOUND – ADAMS CREEK – CORE CREEK – DREDGING
Goodloe Marine will begin dredging operations on or around May 29, 2020 in the AIWW at Range F in Core Creek, Adams Creek, NC. Dredging will be near Adams Creek Light 18 (LLNR 38380) and will include work one mile north and one mile south of Adams Creek Light 18 (LLNR 38380). The cutter dredge "Tenacious" will be performing the dredging work. There will be numerous pipelines, buoys, anchors and barges located within the navigation channel. The dredge can be contacted on VHF-FM channels 16 or 68 for passing instructions. For further information, Ben Goodloe can be contacted at 813-355-7494.
Chart 11541

NC – BEAUFORT INLET - MOREHEAD CITH HARBOR – DREDGING
Great Lakes Dredge & Dock Company will be commencing dredging operations on or around May 27, 2020 and dredging will take place 24 hours a day and 7 days a week. Project work involves maintenance dredging located in the entrance channel of the Morehead City Harbor Ocean Bar Carteret County, North Carolina. Disposal of dredged material will be offshore distributed among the Ocean Dredged Material Disposal Site (ODMDS), the Nearshore East Placement Area and the Nearshore West Placement Area. Work is to be performed by a trailing suction hopper dredges PADRE ISLAND and DODGE ISLAND. Dredges may be contacted on VHF-FM Channels 13 and 16. Dredging is expected to continue until **Jul 31 2020.** Should you have any questions concerning this project, please contact Site Manager Matt Ferrell at (630) 248-4078, MFerrell@gldd.com or Contract Manager, Megan Place at (630) 209-7619, MPlace@gldd.com
Charts 11547

NC – MOREHEAD CITY HARBOR – DREDGING
UPDATED COMPLETION DATE. Cottrell Contracting Corporation of Chesapeake, Virginia Dredge ROCKBRIDGE will be conducting dredging operations within Morehead City Harbor from 8 May to 8 Jun 2020. Dredging will be conducted in Range C, Morehead City Channel between Morehead City Channel Lighted Buoy 24 (LLNR 29460) and Morehead City Channel Lighted Buoy 23 (LLNR 29470). West Leg and Northwest Leg to Bogue Sound Daybeacon 1B (LLNR 38530) from 8 May to **30 June 2020.**
Chart 11545

NC – CAPE FEAR RIVER – DREDGING
The mechanical dredge"PAULA LEE will be conducting dredging oerations in the following reaches in the Cape Fear River, Upper Big Island Channel, Lower Lilliput Channel, Upper Midnight Channel, Lower Midnight Channel and Horseshoe Shoals Channel. The material dredged will be disposed at the New Wilmington ODMDS south of the mouth of the Cape Fear River. Towing will be performed by the Dann Marine Tugs COLONEL and THOMAS DANN, towing 5000 cubic yard scows from the reaches through the mouth to the ODMDS. The ODMDS is approximately 9 NM south of the mouth of the Cape Fear River at N 33 deg 44' 6.946", W 078 deg 02' 8.979". Dredging is scheduled to start May 12, 2020 and be completed by **August 31, 2020.** Work will continue 24 hours a day, 7 days a week. The Dredge Paula Lee will use and monitor VHF Channels 13, 16, and 79. The Project Manager will be Danny Myers. He can be reached at (415) 302-5369. Alternate project manager is Ryan Swink, at 628-888-4304.
Chart 11541

SUMMARY OF MARINE EVENTS AND FIREWORKS DISPLAYS IN THE FIFTH COAST GUARD DISTRICT

NEW OR UPDATED INFORMATION
New, updated or very important information in this enclosure will be highlighted in yellow.

PA – NJ - DE – SECTOR DELAWARE BAY – FIREWORKS DISPLAYS
Schedule of upcoming aerial fireworks displays within Sector Delaware Bay Captain of Port Zone. Mariners are urged to use caution when transiting the areas and reminded to heed directions of patrolling law enforcement and public safety officials. Absent specific guidance, persons and vessels should remain a safe distance from discharge sites. For any comments or questions contact Coast Guard Sector Delaware Bay, Waterways Management Division, at (215) 271-4814.

Date	Location	Lat/Long	Time	Discharge Site	Chart#
July 3	Delaware Bay; Lower Township, North Cape May, NJ	38°58'25"N 74°57'58"W	9:00PM-10:00PM	Barge	12304
July 4	Little Egg Harbor; Brant Beach, NJ; off Bayview Park	39°37'03"N 74°12'11"W	9:00PM-9:45PM	Barge	12316
July 4	Rehoboth Bay; Dewey Beach, DE	38°41'29"N 74°04'58"W	9:30PM-10:30PM	Floating platform	12216
July 4	Barnegat Bay; Shelter Cove; Toms River, NJ	39°58'09"N 74°06'47"W	9:00PM-10:00PM	Land	12324
July 4	Pepper Creek; Blackwater Point; Dagsboro, DE	38°34'43"N 75°09'53"W	8:45PM-9:45PM	Pier	12216
July 5	Barnegat Bay, Lavallette, NJ	39°58'15"N 74°04'26"W	8:00PM-9:30PM	Land	12324
Date	**Location**	**Lat/Long**	**Time**	**Discharge Site**	**Chart#**
July 3	Delaware Bay; Lower Township, North Cape May, NJ	38°58'25"N 74°57'58"W	9:00PM-10:00PM	Barge	12304
July 4	Atlantic Ocean; Ocean City, NJ; Music Pier	39°16'22"N 74°34'00"W	9:15-10:15PM	Barge	12316
July 4	Rehoboth Bay; Dewey Beach, DE	38°41'29"N 74°04'58"W	9:30PM-10:30PM	Floating platform	12216
July 4	Barnegat Bay; Shelter Cove; Toms River, NJ	39°58'09"N 74°06'47"W	9:00PM-10:00PM	Land	12324
July 4	Pepper Creek; Blackwater Point; Dagsboro, DE	38°34'43"N 75°09'53"W	8:45PM-9:45PM	Pier	12216
July 5	Barnegat Bay, Lavallette, NJ	39°58'15"N 74°04'26"W	8:00PM-9:30PM	Land	12324

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, **between June 16, 2020 through September 6, 2020**, at 9:30 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′55.15″ N, longitude 075°03′50.51″ W. Mariners are urged to use caution when transiting the area, and absent specific guidance, should remain 400 feet from the fireworks discharge site. Information on this weekly fireworks event can be found at website https://ococean.com/events/sundaes-in-the-park-2020. For any comments or questions contact Coast Guard Sector MD-NCR, Waterways Management Division at (410) 576-2674 or (410) 576-2693.
Chart 12211

MD - SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE ISLAND - OCEAN CITY – WEEKLY FIREWORKS DISPLAYS
Short-duration, aerial fireworks displays are scheduled to occur along the North Atlantic Ocean at Ocean City, MD, on each Thursday, **from June 18, 2020 through September 3, 2020**, at 10:30 p.m. On these dates, fireworks will be discharged from the beach near North Division and First Streets, in approximate position latitude 38°19′51.53″ N, longitude 075°05′00.80″ W. Absent specific guidance, mariners should remain 100 yards from the fireworks discharge site. Information on this weekly fireworks event can be found at website https://ococean.com/events/thursday-s-downtown-beach-fireworks2020. For any comments or questions contact Coast Guard Sector MD-NCR Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Chart 12211

MD - VA - DC – CHESAPEAKE BAY AND POTOMAC RIVER - SAFETY ZONES FOR FIREWORKS DISPLAYS

1. Middle River, Baltimore County, MD, within 800 feet of the fireworks barge at approximate position latitude 39°18'22" N, longitude 076°23'59" W, located south of Galloway Point. This safety zone will be enforced on **July 4, 2020**, from 8 p.m. to 10:30 p.m. (no rain date) for a fireworks display scheduled at 9:15 p.m.

2. Chester River, Kent Island Narrows (North Approach), MD, within 800 feet of the fireworks launch site at Kent Island in approximate position latitude 38°58'45.0" N, longitude 076°14'52.8" W, located in Queen Anne's County, MD on **July 1, 2020,** from 8:30 p.m. to 10:30 p.m. (rain date July 2, 2020) for a display scheduled at 9:30 p.m.

3. Miles River, St. Michaels, MD, within 150 yards of the fireworks barge at approximate position latitude 38°47'55.10" N, longitude 076°12'43.75" W, located at the entrance to Long Haul Creek, at St. Michaels, MD. This safety zone will be enforced on **July 4, 2020,** from 8 p.m. to 10:30 p.m. (rain date July 5, 2020) for a display scheduled at approximately 9 p.m.

4. Upper Potomac River and Tidal Basin, Georgetown Channel, Washington, DC, in the following areas:

(a) within the Upper Potomac River, encompassed by a line connecting the following points, beginning at the Washington, DC shoreline at latitude 38°53′30.8″ N, longitude 077°03′19.6″ W, thence south to the northern extent of the Arlington Memorial Bridge, at mile 97, at latitude 38°53′15.2″ N, longitude 077°03′19.2″ W, thence southeast to the northern extent of the 14th Street Bridge Complex (I–395/US–1), at mile 96, at latitude 38°52′39.2″ N, longitude 077°02′26.7″ W, thence northeast to the Washington, DC shoreline at latitude 38°52′43.9″ N, longitude 077°02′22.1″ W, thence northwest across the entrance to the Tidal Basin and along the shoreline to the point of origin.

(b) within the Tidal Basin, from shoreline to shoreline, bounded on the east by a line drawn from the northern shoreline at latitude 38°53′12.6″ N, longitude 077°02′27.1″ W, thence southeast to the Thomas Jefferson Memorial shoreline, at latitude 38°52′55.2″ N, longitude 077°02′15.2″ W, located at Washington, DC. This safety zone will be enforced on **July 4, 2020,** from 8 p.m. to 11 p.m. (rain date July 5, 2020) for a fireworks display scheduled at approximately 9:09 p.m.

Fireworks barges and launch sites on land for fireworks safety zones described in the Table to Title 33 Code of Federal Regulations Section 100.506 will have signs labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the safety zone will be enforced. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port (COTP) or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the COTP or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed. Other Federal, State and local agencies may assist these personnel in the enforcement of the safety zone. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Charts 12274, 12272, 12270, 12289

MD - CHESAPEAKE BAY AND TRIBUTARIES – FIREWORKS DISPLAYS

Notices have been received for fireworks displays scheduled to occur on or near navigable waters within the Coast Guard Captain of the Port Maryland-National Capital Region Zone during the 2020 Independence Day holiday period as follows:

5. Choptank River, LaTrappe Creek, La Trappe, MD, mariners are urged to remain at least 350 feet from the fireworks launch site at approximate position latitude 38°38’54.9” N, longitude 076°05’43.5” W, located on land between Connolly Point and the entrance to Connolly Cove on **July 2, 2020** (rain date July 3, 2020) for a display scheduled at approximately 8:30 p.m.

6. Bohemia River, Chesapeake City, MD, mariners are urged to remain at least 420 feet from the fireworks launch site at approximate position latitude 39°28’04.63” N, longitude 075°52’06.74” W, located at the end of a dock at Bohemia Manor Farm on **July 4, 2020** (rain date July 5, 2020) for a display scheduled at 8:45 p.m.

7. Chesapeake Bay, Gibson Island, MD, mariners are urged to remain at least 420 feet from the fireworks discharge barge on the Chesapeake Bay, at approximate position latitude 39°04'34.77” N, longitude 076°25'14.18” W, located approximately 500 feet east of the grounds of the Gibson Island Club on **July 4, 2020** (rain date July 5, 2020) for a display scheduled at approximately 9:15 p.m.

8. South River, Edgewater, MD, mariners are urged to remain at least 210 feet from the fireworks discharge site at the end of a private pier at approximate position latitude 38°56'25.6” N, longitude 076°32'50.36” W, located along Almshouse Creek on **July 4, 2020** (no rain date) for a fireworks display scheduled at approximately 9 p.m.

9. Little Annemessex River, Somers Cove, Crisfield, MD, mariners are urged to remain at least 100 yards from the fireworks discharge site at approximate position latitude 37°58'34.0” N, longitude 075°51'40.0” W, located on shore at Jersey Island on **July 4, 2020** (rain date of July 5, 2020) for a display scheduled at 9 p.m.

Mariners are urged to transit these areas with caution, to keep a sharp lookout for other watercraft in these areas, and are reminded to heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 300 yards from any fireworks discharge site not listed above. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.
Charts 12274, 12278

MD – CHESAPEAKE BAY – SEVERN RIVER – SAILING REGATTA

An annual sailing regatta is scheduled to occur on the Chesapeake Bay on **July 25, 2020**, between 11 a.m. and 5 p.m. Up to 15 sail boats (27-45 feet in length) will operate along a designated race course located, between the William P. Lane Jr. Memorial (US-50/301) Bridges and Thomas Point, MD, near the mouth of the Severn River. More information on the Cruisers Cup Race is available at website https://eastportyc.org. Interested mariners can contact the Eastport Yacht Club race committee on board the signal boat via marine band radio VHF-FM channels 16, 13 and 73. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.
Chart 12282

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

An annual distance sailboat race is scheduled to occur in the Chesapeake Bay and Patapsco River on **July 18, 2020**, between 11 a.m. and 7 p.m. Approximately 60 sail boats (20 to 60 feet in length) will compete on a designated course from Baltimore Light (LLNR 8035) to a location in Northwest Harbor at Baltimore, MD. Interested mariners may contact the race committee on marine band radio VHF-FM channel 72. Information on this Baltimore City Yacht Association event can be obtained at website: https://www.bcya.com/RaceToBaltimore/index.htm. A "Race Back" for sail boats leaving Baltimore headed back to the Chesapeake Bay is scheduled on July 19, 2020, at approximately 11 a.m. Rendezvous for participants will occur at 10:30 a.m. in the vicinity of the Francis Scott Key Memorial Buoy (LLNR 8245). Interested mariners may contact the race committee on marine band radio VHF-FM channel 72. Information on this Rock Creek Racing Association event can be obtained at website: http://www.rockcreekracing.org/sailing-instructions.html. 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 12278, 12281

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

An annual weekly sail boat racing series is scheduled to occur on the Patapsco River each Tuesday evening from **Jun 16 - Sep 1, 2020**, between 5:30 p.m. and 9:30 p.m. Up to 25 sail boats in three fleets (20 to 40 feet in length) will compete in a single race along a designated course located between the Fort McHenry National Monument and Historic Shrine and the Francis Scott Key Memorial (I-695) Bridge, at Baltimore, MD. More information on the Baltimore City Yacht Association Tuesday Night Series can be obtained at https://www.bcya.com. Mariners may contact the race committee on VHF-FM channel 72. For comments or questions contact Coast Guard Sector MD- NCR, Waterways Management Division, at 410-576-2674 or 410-576-2693.
Chart 12281

MD–CHESAPEAKE BAY– COVE POINT TO SANDY POINT – NORTH BEACH – DRAGON BOAT PADDLE RACES
An annual dragon boat festival is scheduled to occur on the Chesapeake Bay at North Beach, in Calvert County, MD during **Aug 18-22, 2020**. Race practices will occur Aug 18-21, 2020, from 5 p.m. to 8 p.m. (dusk), and the race on Aug 22, 2020, from 9 a.m. to 2 p.m. Up to four dragon boats (40 feet in length) per race, with 19 paddlers in each boat, will compete along a marked 200-meter course located adjacent to the North Beach boardwalk. Participants will be supported by sponsor-provided motorized watercraft. For more information https://www.northbeachmd.org/end-hunger-dragon-boat-festival. For any comments or questions contact Coast Guard Sector MD-NCR, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Chart 12263

MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT AND SEVERN RIVER – SAILING REGATTA
An annual sailing regatta will occur in the Chesapeake Bay near the mouth of the Severn River on **June 27, 2020**, between 10 a.m. and 5 p.m. Up to 35 sailboats (22-35 feet in length) of various classes will compete in a series of races along marked courses within two designated race areas located in the Chesapeake Bay, (1) between Tolly Point and Thomas Point; and (2) between Hackett Point and Tolly Point. Races will start at or after 11 a.m. Participants will be supported by sponsor-provided safety boats. More information on the One Design Classic can be obtained at website http://eastportyc.org/. Interested mariners can contact the Eastport Yacht Club race committee on VHF-FM channels 16, 09, 13, and 73. For any comments or questions, contact Coast Guard Sector MD-NCR Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Charts 12270, 12263

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 2020. Unless otherwise indicated, the events will occur between 10 a.m. and 4 p.m., and are scheduled on the following dates: (1) **June 3-Sep 2** (*Wednesday Night Races* - 90 participants, 22-50 feet in length, from 6 p.m. to 7:30 p.m.); (2) **July 25-26** (*Annual Regatta* - 45 participants, 24-50 feet in length); (3) **August 11** (*Junior Annual Regatta* - 100 participants, 8-15 feet in length); (4) **August 28-30** (*NOOD Regatta* - 200 participants, 22-40 feet in length); (5) **September 6** (*Annapolis Labor Day Regatta* - 150 participants, 22-50 feet in length); (6) **September 13** (*CRAB Cup* - 6 participants, 22 feet in length); (7) **September 25-27** (*Annapolis YC 3-2-1 Invitational* - 8-10 participants, 20-30 feet in length); (8) **September 26** (*Fall Race to Solomons* - 30 participants, 30-50 feet in length); (9) **October 3-4** (*Fall Series 1* - 30 participants, 22-34 feet in length); (10) **October 3-4** (*Doublehanded Distance Race* - 20 participants, 29-50 feet in length, overnight from noon to noon); (11) **October 10** (*Fall Series River Course* - 25 participants, 20-28 feet in length); (12) **October 13-15** (*Warrior Sailing Project* - 8 participants, 22 feet in length); (13) **October 17-18** (*Fall Series 2* - 30 participants, 30-50 feet in length); (14) **October 24-25** (*Eschells - Lippincott* - 30 participants, 23 & 31 feet in length); (15) **October 26-27** (*Halloween Howl* - 50 participants, 8 feet in length); (16) **October 29-November 1** (*J/105 & J/111 North American Championships* - 40 participants, 35-40 feet in length); and (17) **November 8-December 13** (*Frostbite Series - 1st Half* - 80 participants, 22-45 feet in length). 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 MD-NCR, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Charts 12270, 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 **June 4, 2020-August 27, 2020**, between 6 p.m. and 9 p.m. Up to 80 participants (small keel sailboats, 22-26 feet in length) will race in heats within two courses located between the mouth of the Severn River and the Severn River Middle Ground Anchorage. Mariners are urged to use caution and remain alert for other watercraft when transiting the area, proceed at the minimum speed necessary to maintain a safe course that minimizes wake while operating near the race courses. Race committee support vessels will be on scene. Event information is available at website http://jworldannapolis.com/annapolis-sailing-courses/racing/thursday-night-racing/. For any comments or questions, contact Coast Guard Sector MD-NCR 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 **June 26, 2020 - August 21, 2020**, between 5 p.m. and 9 p.m. Excluded date includes July 3rd. Up to 45 auxiliary sail boats (25 to 55 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: www.eastportyc.org/beer-cans. Interested mariners can contact the Eastport Yacht Club Race Committee on "EYC Friday Night Signal Boat" via marine band radio VHF-FM channel 16, 09 or 73. For any comments or questions, contact Coast Guard Sector MD-NCR, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Charts 12282, 12283

MD - HEAD OF CHESAPEAKE BAY - SUSQUEHANNA RIVER – SWIM EVENT
The swim segments of an annual triathlon event are scheduled to occur in the Susquehanna River on **July 11, 2020**, between 6:30 a.m. and 10 a.m. Up to 500 participants (in organized groups) will compete in designated 1.5K/1500-meter (2 laps) and 750-meter (1 lap) swim races along a marked, 750-meter rectangular course located at Stump Point in Perryville, MD. The swim races begin with an in water start off the Perryville Community Park, and end with an out water exit at the same location. Swimmers will be supported by sponsor-provided kayaks and stand-up paddleboards. The swim course will have yellow floating markers located at turns and orange floating markers located approximately every 75 meters along swim legs. Swim course set up will occur the previous day. Safety patrol vessels on scene can be contacted on marine band radio VHF-FM channel 16 and 78A. Additional information on the "Diamond in the Rough Triathlons" can be obtained at website www.kineticmultisports.com/. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.
Chart 12274

MD – VA - POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGETOWN – UPPER POTOMAC RIVER - LITTLE HUNTING CREEK – FIREWORKS DISPLAY
A short-duration, aerial fireworks display is scheduled to occur on the Potomac River, from a barge near the grounds of George Washington's Mount Vernon Estate and Gardens, on **June 27, 2020** (no rain date) at 9:15 p.m. Mariners are urged to use caution when transiting the area are reminded to heed the directions of patrolling law enforcement and public safety officials, and absent specific guidance, should remain 500 feet from the fireworks barge in approximate position latitude 38°42'22.35" N., longitude 077°04'59.54" W., located near Little Hunting Creek LB 4 (LLNR 18430). For any comments or questions contact Coast Guard Sector MD-NCR, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Chart 12289

VA – CHESAPEAKE BAY – LITTLE CREEK INLET ENTRANCE

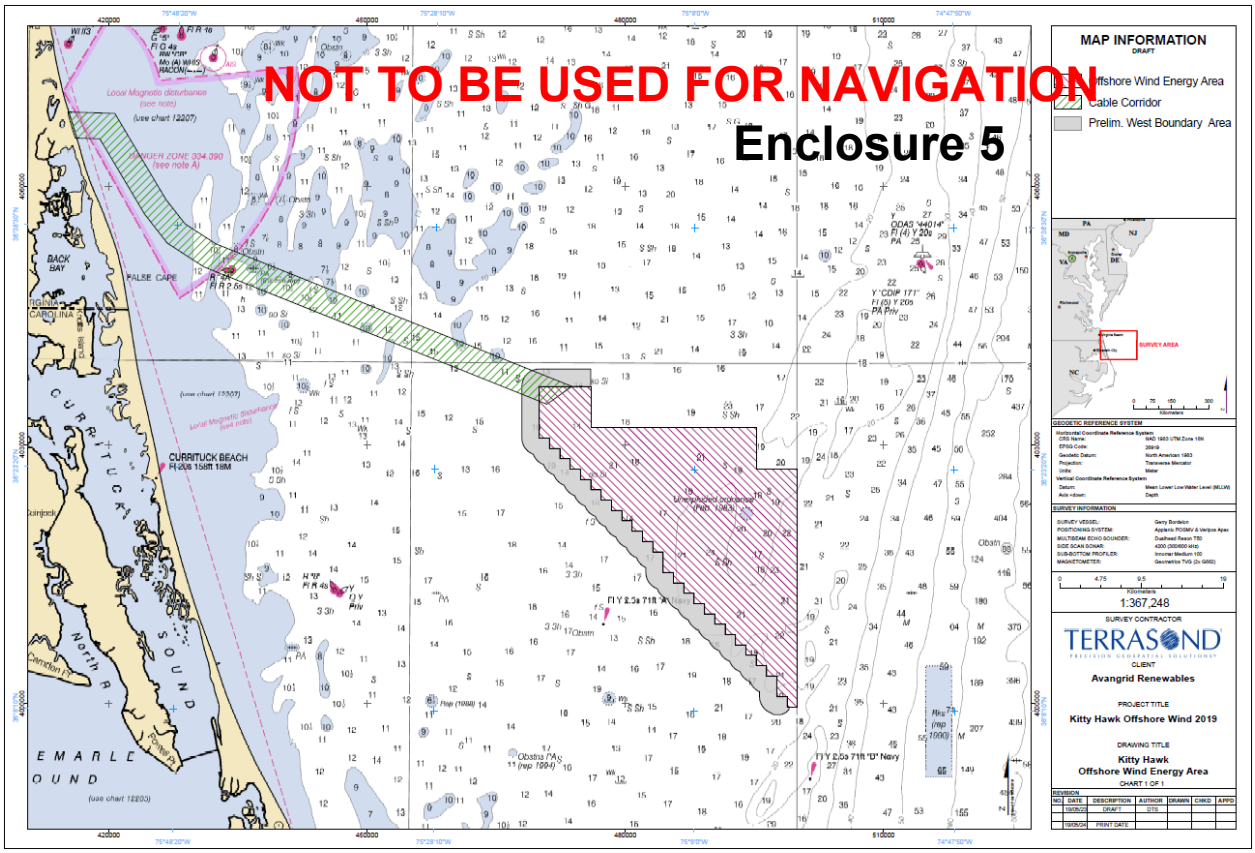
The Little Creek Sailing Association will be sponsoring the Wednesday Night Race Series beginning June 17, 2020 through **October 28, 2020.** This race is expected to involve around 27 participants with boats ranging from 24ft - 46ft beginning at 6:25 p.m. and ending at 8:25 p.m. on the following scheduled dates: June 24th, July 1st, 8th, 15th, 22nd, 29th, August 5th, 12th, 19th, and 26th, 2020. For the following dates the event will begin at 5:55 p.m. and end at 7:55 p.m.: September 2nd, 9th, 16th, 23rd, 30th, October 7th, 14th, 21st, and 28th, 2020. Mariners are requested to use caution and bare steerage when transiting the area.

VA – JAMES RIVER – CHICKAHOMINY RIVER

The Two Rivers Country Club will be sponsoring a Fireworks Display in the vicinity of the Two Rivers Country Club in Williamsburg, VA on **July 4, 2020** beginning at 9:20 PM and ending at 9:45 PM. Mariners are requested to keep a sharp lookout and use extreme caution when transiting the area.
Chart 12251

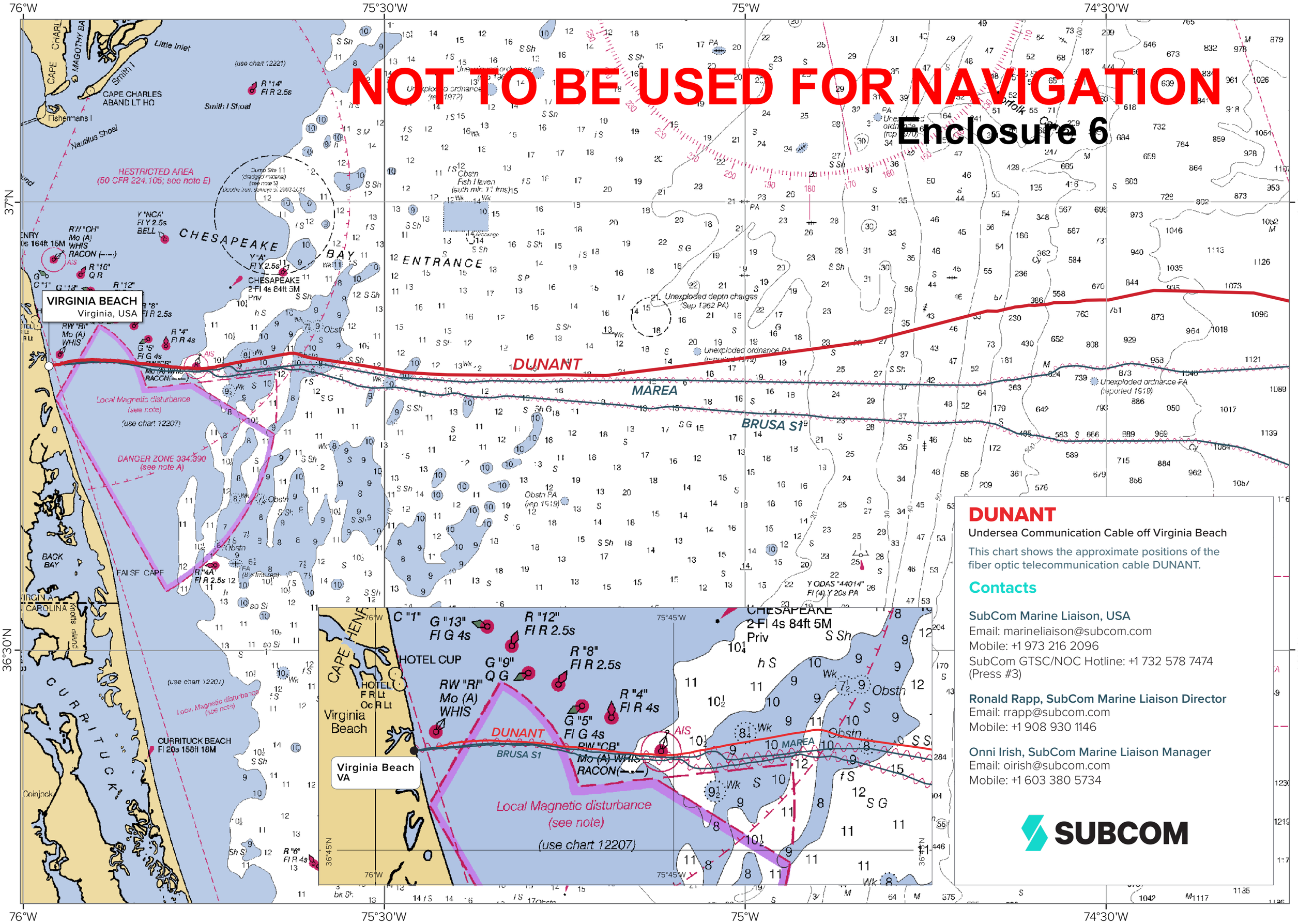
VA – ROANOKE RIVER – JOHN H. KERR RESERVOIR

The Clarksville Lake County Chamber of Commerce will sponsor a land fired aerial fireworks display from the Highway 58 Business Bridge, Clarksville, VA near the Bugg Island Lake. This event will take place on **July 18, 2020** from 9:00 p.m. to 10:00 p.m. Mariners are urged to use caution when transiting the area and are reminded to heed the directions of patrolling law enforcement and public safety officials.
Chart N/A



Main Survey Area and Cable Corridor

Enclosure 5



DUNANT

Undersea Communication Cable off Virginia Beach

This chart shows the approximate positions of the fiber optic telecommunication cable DUNANT.

Contacts

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SUBCOM

DUNANT

Undersea Communication Cable off Virginia Beach

The positions of this cable route are shown in the included route position list and map. If you have questions or want to request the route in a navigational plotter format, please contact:

SubCom GTSC/NOC Hotline:
+1 732 578 7474 (Press #3)

The cable is buried to a depth of 0.82 fathom (1.5m/5ft) into the seabed to a water depth of approx. 246 fathoms (450m/1476ft), however, ships are asked to avoid using anchors, bottom trawl fishing, and other seabed gear within 1 nautical mile of the cable route.

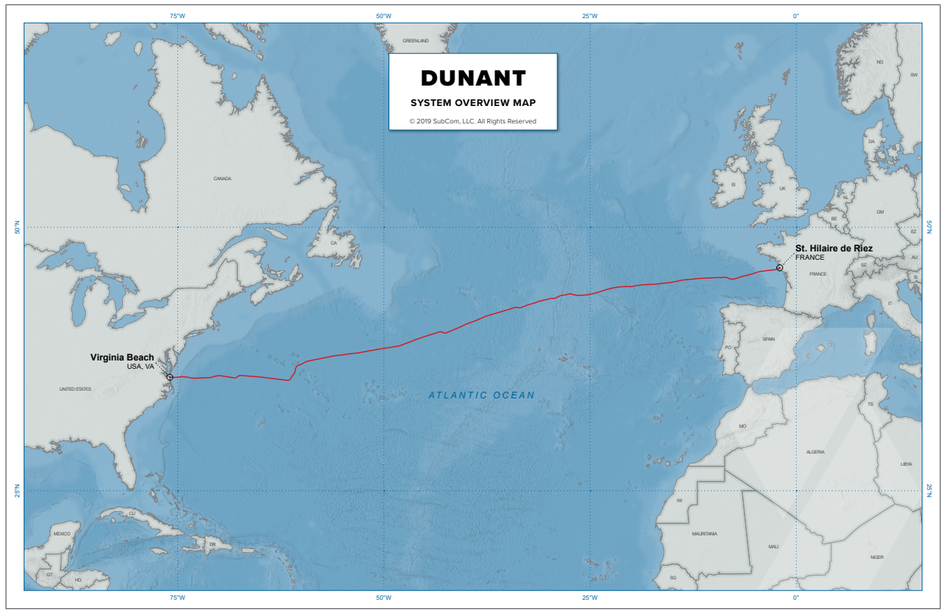
If your gear does snag something you think may be the cable, please don't try to lift it. After some initial slack is taken up, it may become extremely hard to lift, and this could threaten your vessel's stability. Furthermore, active cables carry an electrical current that pose a risk to humans if any attempt is made to cut the cable.

Fishermen who sacrifice gear to avoid cable damage may be compensated for that gear, if they can provide evidence of the loss and show that they took precautions to avoid cable damage beforehand.

DUNANT | Virginia Beach, USA to St. Hilaire de Riez, France

Latitude	Longitude	WD (Fathoms)
N36 49.1040	W075 57.3936	4
N36 49.1142	W075 57.3249	4
N36 49.1345	W075 57.2595	4
N36 49.1347	W075 57.0322	4
N36 49.1407	W075 56.9833	4
N36 49.1542	W075 56.9431	4
N36 49.1673	W075 56.9221	4
N36 49.2007	W075 56.8817	4
N36 49.2100	W075 56.8538	4
N36 49.2198	W075 56.8016	4
N36 49.3008	W075 56.3671	5
N36 49.3310	W075 56.2454	5
N36 49.3675	W075 56.0005	5
N36 49.3997	W075 55.6538	5
N36 49.4111	W075 55.4415	5
N36 49.4346	W075 55.2630	5
N36 49.4393	W075 54.8850	5
N36 49.4581	W075 54.7078	6
N36 49.4626	W075 54.5543	6
N36 49.4628	W075 53.9990	6
N36 49.4524	W075 53.9099	5
N36 49.4529	W075 53.7534	5
N36 49.4311	W075 53.6039	6
N36 49.4291	W075 53.5231	6
N36 49.4436	W075 53.3153	7
N36 49.4204	W075 53.0041	7
N36 49.4208	W075 52.8462	8
N36 49.4042	W075 52.5317	8
N36 49.3900	W075 52.3293	8
N36 49.3857	W075 52.0668	8
N36 49.3752	W075 51.8829	9
N36 49.3332	W075 51.4797	9
N36 49.3079	W075 51.1820	9
N36 49.2935	W075 50.9931	9
N36 49.2612	W075 50.8254	9
N36 49.2274	W075 50.6892	9
N36 49.2245	W075 50.6235	9
N36 49.2074	W075 50.2247	9
N36 49.1891	W075 49.8825	9
N36 49.1144	W075 49.1274	9
N36 49.1163	W075 48.9308	9
N36 49.0634	W075 48.4090	9
N36 49.0371	W075 48.2797	9
N36 49.0202	W075 48.1186	9
N36 49.0188	W075 48.0129	9
N36 49.0079	W075 47.8585	10
N36 48.9876	W075 47.7602	10
N36 48.9716	W075 47.6323	10
N36 48.9657	W075 47.3343	10
N36 48.9520	W075 47.1670	10
N36 48.9026	W075 46.7391	11
N36 48.9148	W075 46.3647	11
N36 48.9033	W075 46.0952	11
N36 48.8739	W075 45.6414	11
N36 48.8756	W075 45.5010	11
N36 48.8703	W075 45.2509	11

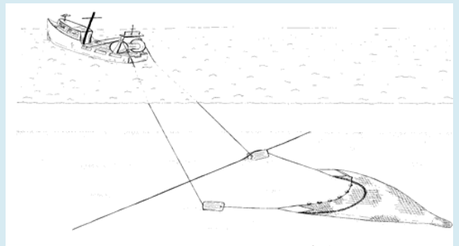
Latitude	Longitude	WD (Fathoms)
N36 48.8874	W075 44.8111	11
N36 48.9151	W075 44.6046	11
N36 48.9296	W075 44.4485	12
N36 48.9563	W075 44.2841	12
N36 48.9579	W075 44.1626	12
N36 48.9770	W075 44.0472	11
N36 49.0124	W075 43.9444	11
N36 49.0730	W075 43.5497	11
N36 49.0968	W075 43.3305	10
N36 49.1392	W075 43.0574	10
N36 49.1822	W075 42.8698	10
N36 49.1977	W075 42.7256	10
N36 49.2653	W075 42.3176	10
N36 49.3566	W075 41.6922	10
N36 49.4158	W075 41.2424	10
N36 49.4821	W075 40.8523	11
N36 49.5453	W075 40.3009	11
N36 49.5866	W075 40.0468	11
N36 49.6752	W075 39.4121	10
N36 49.6950	W075 39.3102	10
N36 49.7727	W075 38.7600	10
N36 49.8183	W075 38.4049	10
N36 49.8456	W075 38.1984	11
N36 49.8729	W075 38.0436	13
N36 49.8886	W075 37.9345	13
N36 49.8967	W075 37.6921	12
N36 49.8889	W075 37.5123	11
N36 49.8547	W075 37.2936	10
N36 49.8084	W075 37.0987	10
N36 49.7552	W075 36.9761	11
N36 49.7001	W075 36.7495	10
N36 49.6393	W075 36.4846	10
N36 49.5839	W075 36.2227	10
N36 49.1610	W075 32.4664	14
N36 48.6205	W075 28.5221	11
N36 48.4431	W075 24.8571	13
N36 48.4176	W075 18.0485	15
N36 48.4498	W075 15.3995	19
N36 48.4014	W075 11.7128	14
N36 50.0877	W074 55.3036	19
N36 50.7274	W074 49.6303	30
N36 52.7146	W074 40.0540	56
N36 52.7050	W074 39.2468	73
N36 52.9817	W074 37.7471	192
N36 53.0239	W074 37.2341	288
N36 53.0961	W074 36.6237	379
N36 53.0825	W074 36.1089	445
N36 53.1370	W074 35.6156	494
N36 53.1650	W074 35.0347	554
N36 53.2626	W074 34.5271	593
N36 53.3093	W074 32.7764	698
N36 53.4313	W074 31.8624	762
N36 53.4606	W074 29.9884	846
N36 54.0959	W074 26.2443	923
N36 53.9237	W074 17.9665	1103
N36 45.6566	W073 32.6300	1612



NOTE: The submarine cable installation will take place around August 2020.

The DUNANT Submarine Cable is a planned transatlantic telecommunication network that will connect the United States of America and Europe. This cable system design spans nearly 6,600 km with landing points In Virginia Beach, US and St. Hilaire de Riez, France.

If your gear snags this cable, please do not try to lift it...



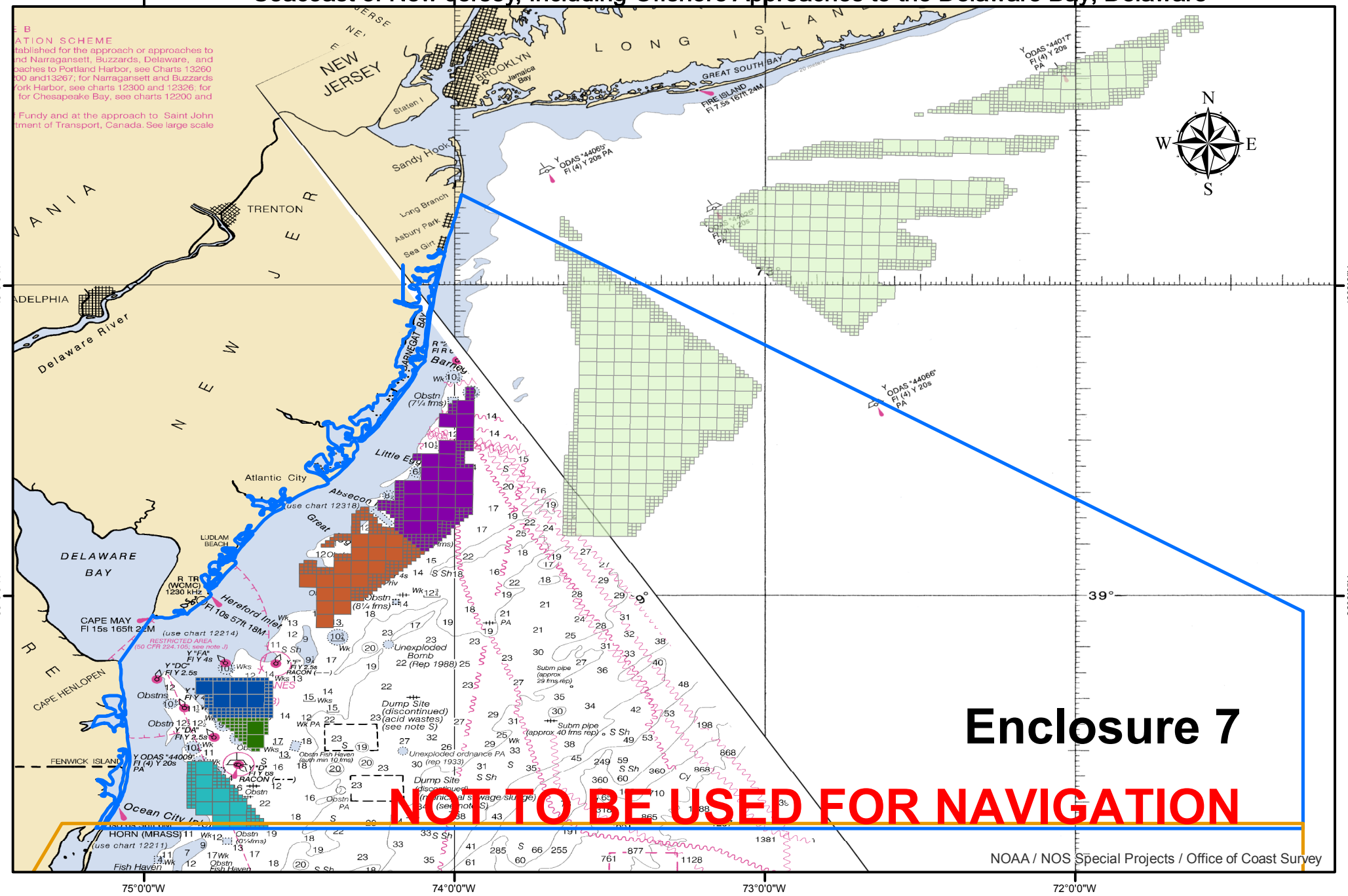
...call the contacts on this page.

NOT FOR NAVIGATION

SUBCOM

Port Access Route Study (PARS)

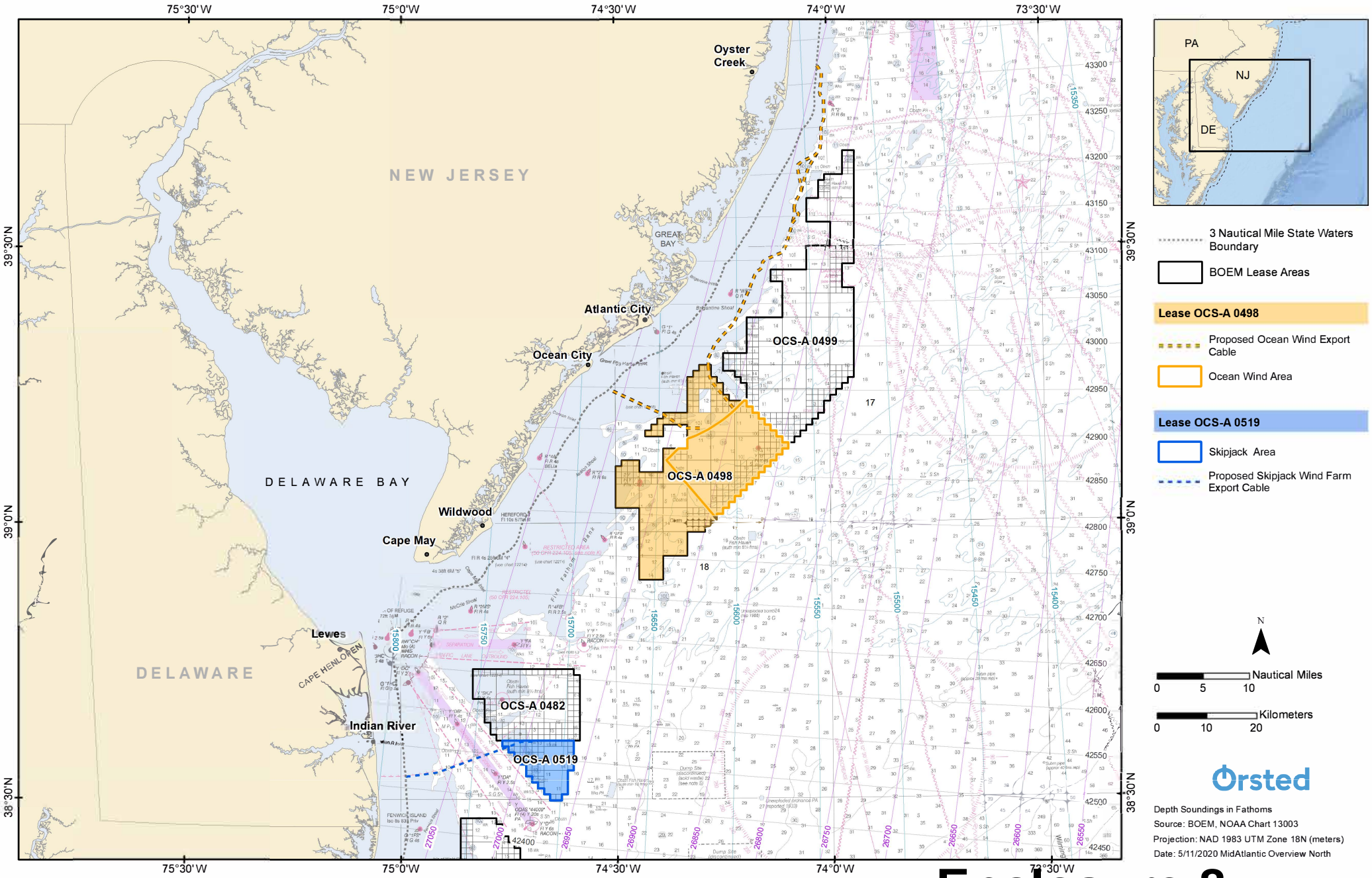
Seacoast of New Jersey, Including Offshore Approaches to the Delaware Bay, Delaware



Coordinate System: GCS WGS 1984
Datum: WGS 1984
Units:Degree
NOAA RNC Web Service
Prepared by: CG Fifth District (dxc)

0 10 20 40 60 80
Nautical Miles

- Delaware Bay PARS Study Area
- DE North - Garden State Offshore
- DE South - Skipjack
- MD Lease Area - U.S. Wind
- NJ North - Atlantic Shores
- NJ South - Ocean Wind
- NY Hudson Bight - South



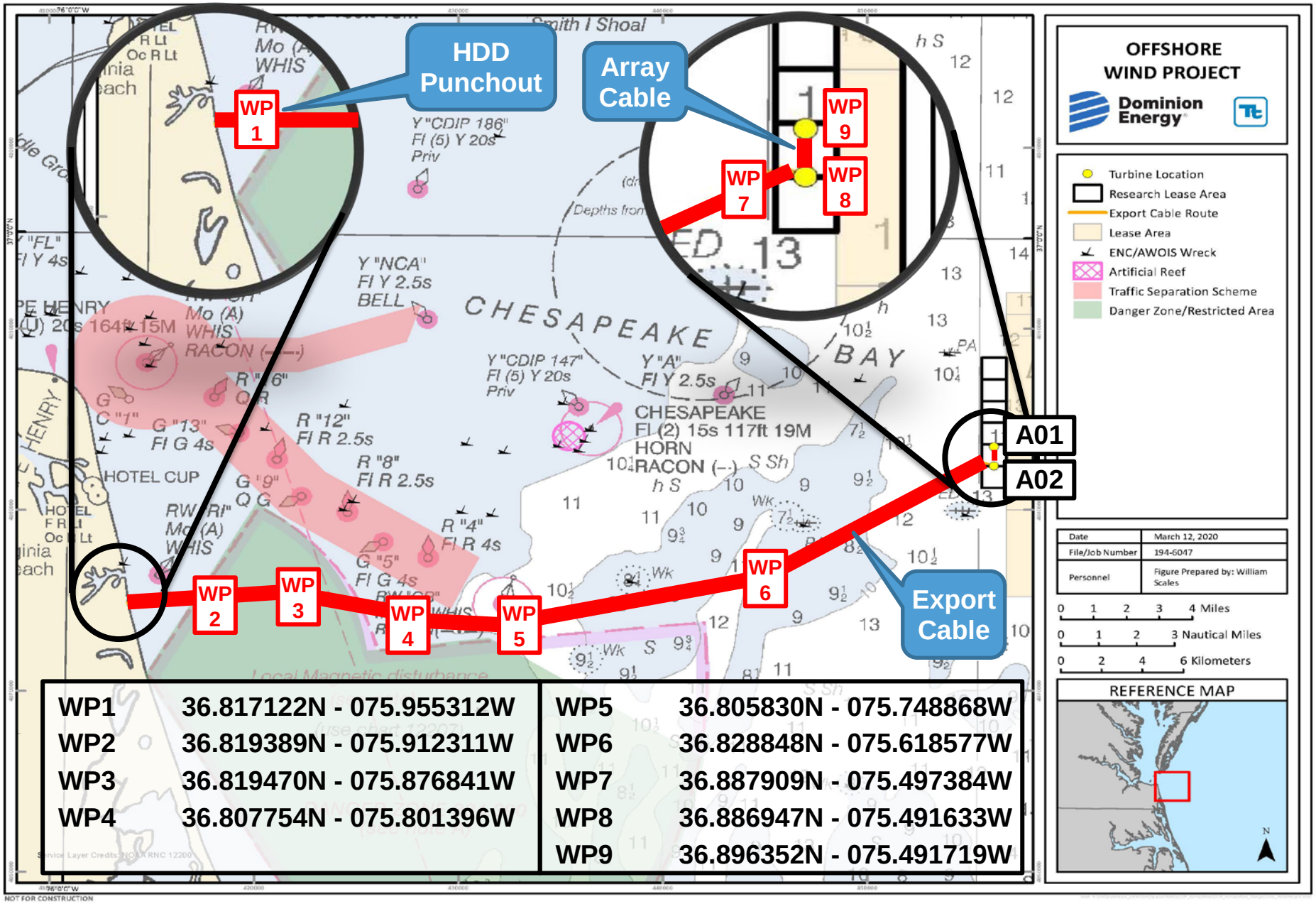
Enclosure 8

NOT TO BE USED FOR NAVIGATION

Dominion Energy CVOW Pilot Project

Cable Pre-lay Survey LNTM

April 2, 2020



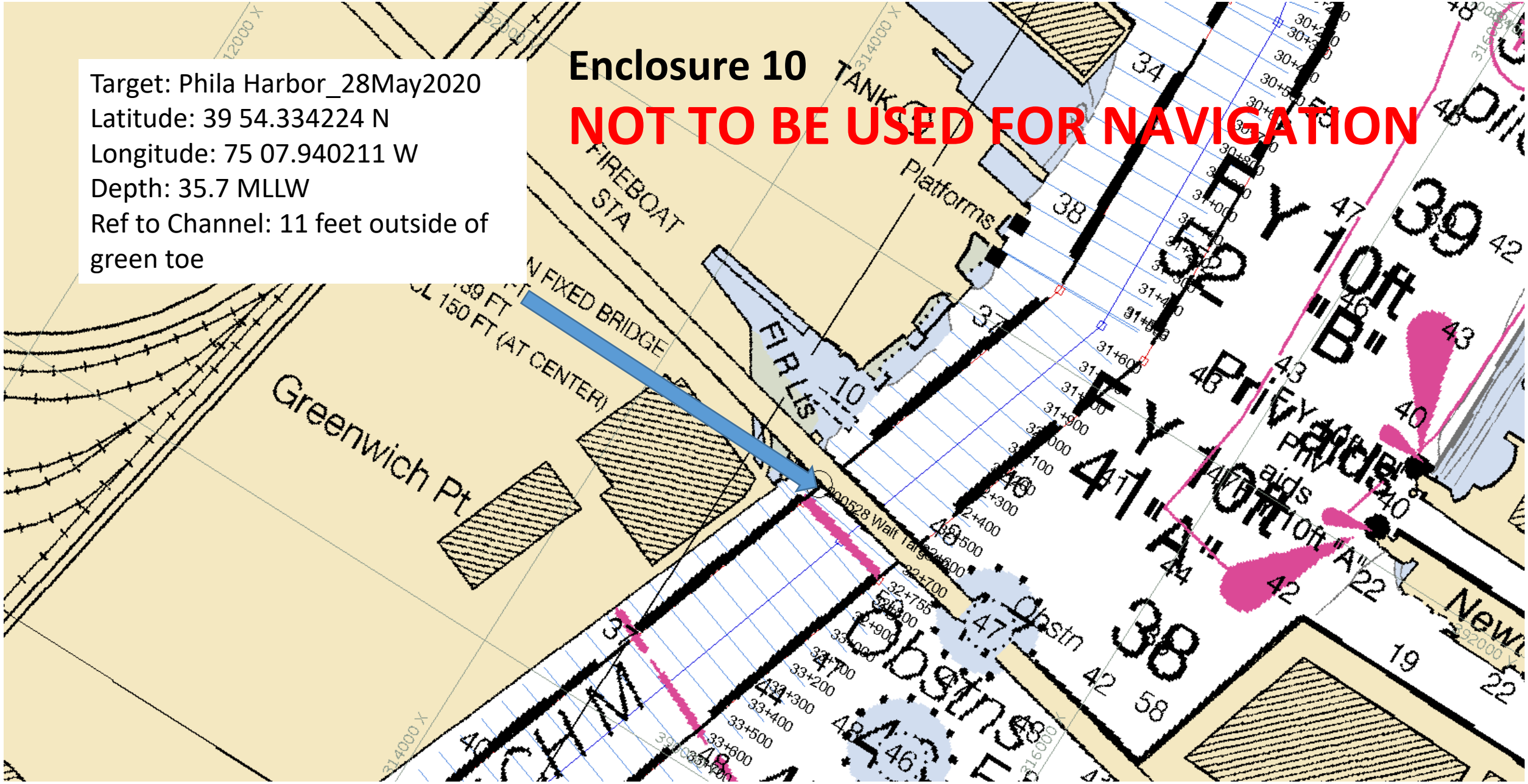
WP1	36.817122N - 075.955312W	WP5	36.805830N - 075.748868W
WP2	36.819389N - 075.912311W	WP6	36.828848N - 075.618577W
WP3	36.819470N - 075.876841W	WP7	36.887909N - 075.497384W
WP4	36.807754N - 075.801396W	WP8	36.886947N - 075.491633W
		WP9	36.896352N - 075.491719W

NOT TO BE USED FOR NAVIGATION

Target: Phila Harbor_28May2020
Latitude: 39 54.334224 N
Longitude: 75 07.940211 W
Depth: 35.7 MLLW
Ref to Channel: 11 feet outside of green toe

Enclosure 10

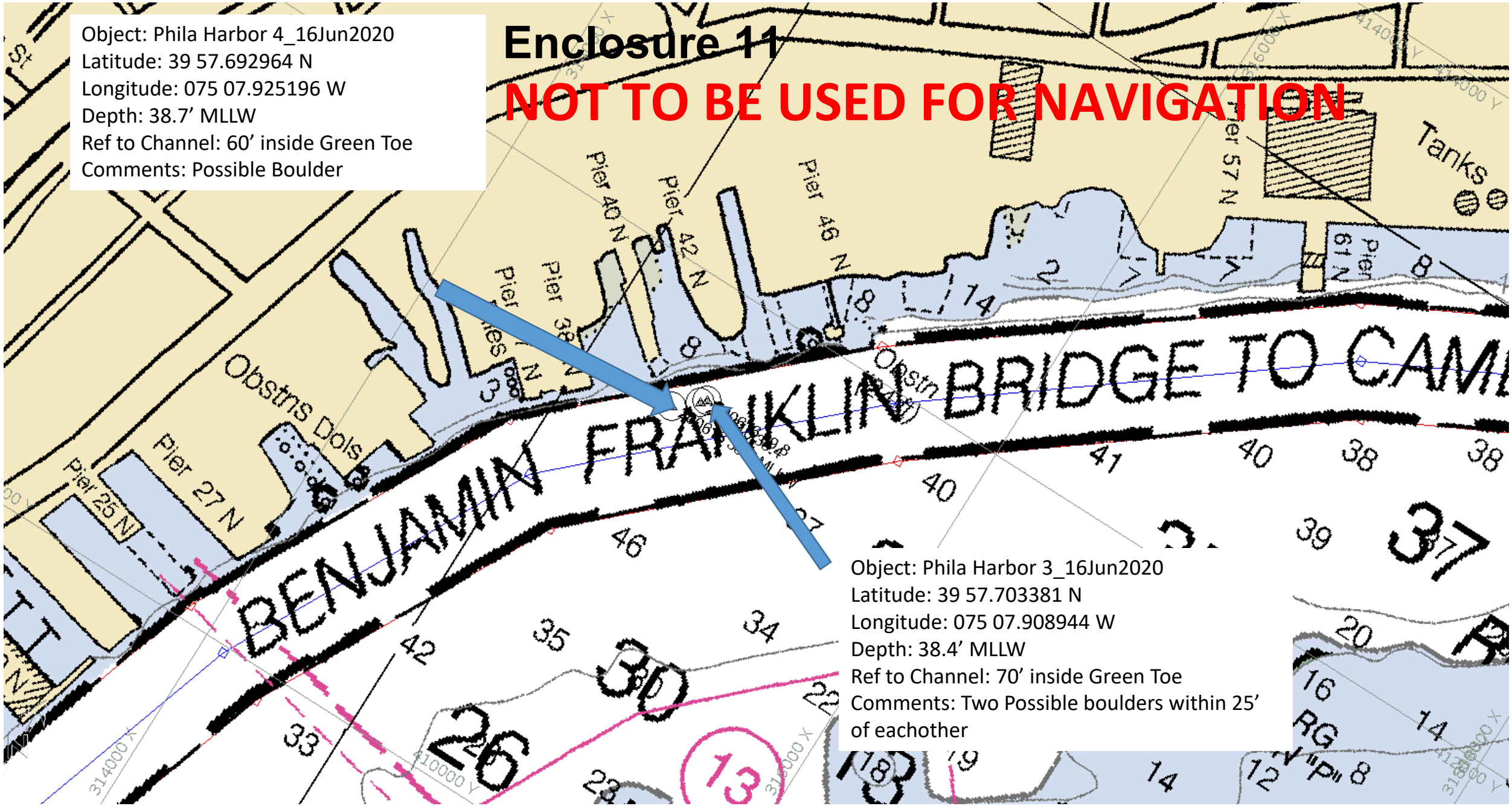
NOT TO BE USED FOR NAVIGATION



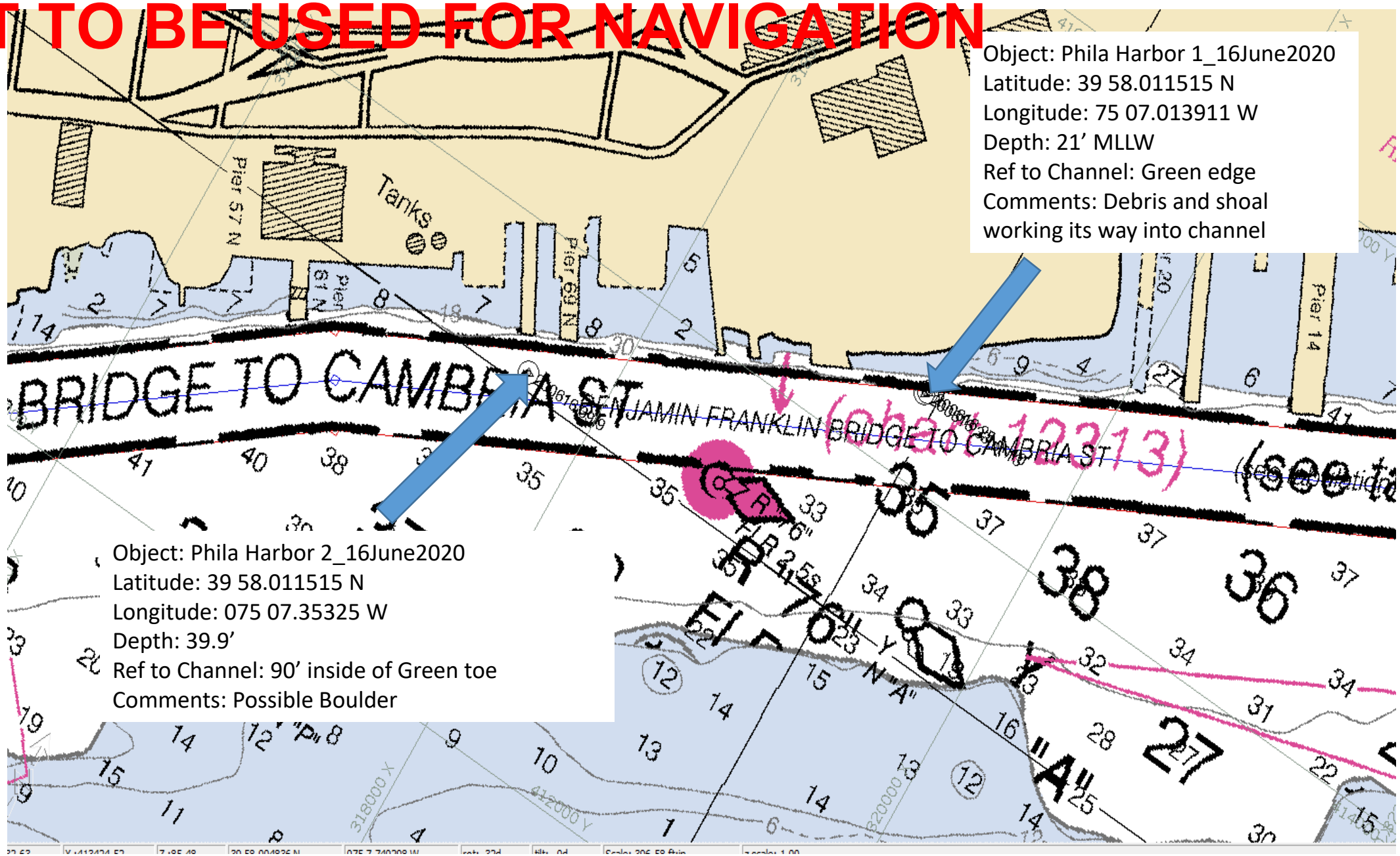
Enclosure 11

NOT TO BE USED FOR NAVIGATION

Object: Phila Harbor 4_16Jun2020
Latitude: 39 57.692964 N
Longitude: 075 07.925196 W
Depth: 38.7’ MLLW
Ref to Channel: 60’ inside Green Toe
Comments: Possible Boulder



Object: Phila Harbor 3_16Jun2020
Latitude: 39 57.703381 N
Longitude: 075 07.908944 W
Depth: 38.4’ MLLW
Ref to Channel: 70’ inside Green Toe
Comments: Two Possible boulders within 25’ of eachother

Enclosure 12

NOT TO BE USED FOR NAVIGATION