



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 40/18

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/?pageName=InmDistrict®ion=5>.

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 or matthew.e.kearney@uscg.mil, at (757) 398-6552 or 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 HAMPTON ROADS 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, 2018 Edition.
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2018 (51th) Edition.
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2017 (50th) Edition.

NAVIGATIONAL INTERNET SITES

2018 Light List/ Weekly Updates.

<https://www.navcen.uscg.gov/index.php?pageName=lightListWeeklyUpdates>

Bridges Public Notice Website.

<https://www.navcen.uscg.gov/?pageName=pnBridges>

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/?pageName=InmDistrict®ion=5>

Chesapeake Bay NOAA Weather Buoys

www.buoybay.noaa.gov

Tides, Currents, PORTS

<http://www.tidesandcurrents.noaa.gov/>

Weather

<http://www.weather.gov/>

ABBREVIATIONS

A through H

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

I through O

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

P through Z

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

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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

In an effort to bring attention to new, updated or very important information in the Local Notice to Mariners (LNM) this information will be preceded and followed by four asterisks.

LNM: 25/16

NC - HAZARDS OF NORTH CAROLINA COASTAL INLETS

This notice is to notify mariners about accessing hazardous inlets, to heighten public awareness about the hazards that exist in and around the inlets, and to provide the mariner with available information. Mariners are advised that 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=InmDistrict®ion=5>

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

LNM: 17/16

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.

LNM: 13/16

INTERFERENCE WITH AIDS TO NAVIGATION

U. S. Code, Title 14, Part I, Chapter 5, § 84

It shall be unlawful for any person, or public body, or instrumentality, excluding the armed forces, to remove, change the location of, obstruct, willfully damage, make fast to, or interfere with any aid to navigation established, installed, operated, or maintained by the Coast Guard pursuant to section 81 of this title, or with any aid to navigation lawfully maintained under authority granted by the Coast Guard pursuant to section 83 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. Code, Title 14, Part I, Chapter 5, § 84

LNM: 13/16

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

LNM: 20/14

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.

LNM: 45/09

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.

LNM: 04/11

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER 1.7
 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

Navigation information having been of immediate concern to the Mariner and promulgated by the following Broadcast Notices to Mariners (BNMs) have been incorporated in this notice when still significant at the date of this publication.

CCGD5 (D5) - 452, 453, 454, 455, 456-18.

Sector Delaware Bay (DB) - 433,435,444,449-18.

Sector Maryland National Capital Region (MD) - 507-18, 505-18, 504-18, 503-18, 502-18, 500-18, 497-18, 460-18, AND 408-18.

Sector Hampton Roads (HR) - 487-18, 486-18, 483-18, 482-18, 480-18, 477-18, 467-18.

Sector North Carolina (NC) - 394, 414, 419, 421, 422-18.

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
25	Barnegat Inlet Outer Lighted Whistle Buoy BI	LT EXT	12323	423DB	36/18	
350	Cape Charles Light	LT EXT	12222	384HR	18/13	
505	Rudee Inlet Jetty Light 4	REDUCED INT	12208	410HR	32/18	
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	
635	NOAA Lighted Data Buoy 41001 (ODAS)	MISSING	12200	537D5	35/17	
720	Beaufort Inlet Channel Lighted Whistle Buoy BM	RAC INOP	11547	411NC	37/18	
740	Camp Lejeune Danger Zone Lighted Buoy A	OFF STA	11543	413NC	39/18	
745	Camp Lejeune Danger Zone Lighted Buoy B	OFF STA	11543	413NC	39/18	

750	Camp Lejeune Danger Zone Lighted Buoy C	OFF STA	11543	413NC	39/18
810	Oak Island Light	LT EXT	11534	410NC	38/18
875	Barnegat Inlet Outer Lighted Whistle Buoy BI	LT EXT	12323	423DB	36/18
950	Barnegat Inlet Lighted Buoy 9	BUOY DMGD/LT EXT	12324	325DB	28/18
987	Barnegat Inlet Buoy 18A	MISSING	12324	388DB	33/18
1530	Harbor of Refuge Light	REDUCED INT/SS INOP	12216	140DB	09/18
2050	Harbor Of Refuge North End Light 1	STRUCT DEST/TRLB	12216	601D5	52/16
2130	Rehoboth Bay Lighted Buoy 13	LT EXT	12216	236DB	19/18
2180	Tanker Anchorage Approach Lighted Buoy A	LT EXT	12214	435DB	39/18
2455	Delaware Bay Main Channel Lighted Buoy 44	LT EXT	12311	360DB	30/18
2655	Salem River Entrance Channel Directional Light	MISSING/TRLB	12277	067DB	37/18
2665	Salem River Entrance Channel Light 4	STRUCT DEST/TRLB	12277	024DB	03/18
2670	Salem River Entrance Channel Light 5	LT EXT	12277	371DB	31/18
2680	Salem River Entrance Channel Light 7	LT EXT	12277	227DB	18/18
2700	Salem River Directional Light	LT EXT	12277	370DB	31/18
2874	Pea Patch Island Dike Warning Light E	LT EXT/STRUCT DMGD	12311	433DB	39/18
3135	Marcus Hook Range Front Light	REDUCED INT	12312	444DB	32/16
3785	Upper Delaware River Channel Lighted Buoy 20	LT EXT	12314	286DB	22/18
3890	Edgewater Upper Range Front Light	LT IMCH	12314	257DB	22/18
4015	Upper Delaware River Channel Lighted Buoy 52	LT IMCH	12314	256DB	22/18
4150	Kinkora Upper Range Rear Light	LT EXT	12314	616DB	47/15
4160	Upper Delaware River Channel Lighted Buoy 72	LT IMCH	12314	356DB	22/18
4223	Upper Delaware River Channel Buoy 86	OFF STA	12314	449DB	40/18
4420	Indian River Inlet Buoy 17	MISSING	12216	217DB	17/18
4425	Indian River Inlet Buoy 17A	MISSING	12216	217DB	17/18
4435	Indian River Inlet Buoy 19	MISSING	12216	217DB	17/18
4439	Middle Island West Channel Daybeacon 5	STRUCT DEST	12216	145DB	09/18
4857	Isle Of Wight Bay Buoy 9A	OFF STA	12211	060MD	03/18
5085	Sinepuxent Bay Channel Buoy 20	MISSING	12211	505MD	40/18
5622	Wallops Island Buoy 12	MISSING	12210	174HR	04/18
5895	Metompkin Light 11	STRUCT DEST/TRLB	12210	183HR	08/18
6390	Virginia Inside Passage Daybeacon 221	STRUCT DEST/TRUB	12224	014HR	02/16
6485	Virginia Inside Passage Lighted Wreck Buoy WR244	MISSING	12224	327HR	23/18
6495	Virginia Inside Passage Daybeacon 245A	MISSING/TRUB	12224	420HR	22/15
6605	Wachapreague Inlet Buoy 1	BUOY DMGD	12210	NONEDB	39/18
6855	Great Machipongo Inlet Daybeacon 13	STRUCT DEST/TRUB	12210	467HR	34/15
6895	Great Machipongo Channel Daybeacon 3	STRUCT DEST/TRUB	12210	132HR	05/18
6920	Great Machipongo Channel Light 8	STRUCT DEST/TRLB	12210	135HR	22/16
6930	Great Machipongo Channel Lighted Buoy 11	LT EXT	12210	382HR	29/18
6991	Sand Shoal Channel Daybeacon 3	STRUCT DEST/TRUB	12224	421HR	29/15
7200	Chesapeake Channel Lighted Buoy 33	LT EXT	12224	465HR	39/18
8090	Craighill Channel Upper Range Front Light	LT EXT	12281	153MD	31/17
8700	Pooles Island North Range Rear Light	LT EXT	12274	502MD	40/18
8970	Elk River Junction Buoy ER	TRUB	12274	469MD	36/18
9110	Back Creek Channel Range Rear Light	LT EXT	12277	270MD	29/17
9310	Thimble Shoal Light	LT EXT	12245	048HR	07/17

9370	Norfolk Entrance Reach Range Front Light	LT EXT	12245	472HR	39/18
9485	Naval Base Pier Buoy 1	OFF STA	12245	475HR	39/18
9730	U.S. Navy Deperming Range Light	LT EXT	12253	355HR	41/16
9970	Elizabeth River Southern Branch Daybeacon 6	DAYMK MISSING	12253	457HR	38/18
10035	Elizabeth River Southern Branch Light 22	STRUCT DMGD	12253	392HR	30/18
10420	Broad Bay Channel Daybeacon 18	STRUCT DEST/TRLB	12254	257HR	48/17
10575	Willoughby Bay Channel Warning Daybeacon A	STRUCT DEST/TRLB	12245	417HR	33/18
10590	Willoughby Bay Channel Daybeacon 5	STRUCT DEST/TRUB	12245	479HR	39/18
11180	Western Branch Junction Daybeacon A	DAYMK MISSING	12248	431HR	35/18
11430	Pagan River Channel Light 14	DAYMK MISSING	12248	339HR	24/18
11655	James River Channel Light 15	STRUCT DEST/TRLB	12248	NONEHR	38/18
11893	Hog Island Cutoff Wreck Light WR7	STRUCT DEST/HAZ NAV/TRLB	12248	440HR	36/18
12090	James River Channel Lighted Buoy 50	SINKING	12248	486HR	40/18
12113	NOAA Lighted Data Buoy J	MISSING	12248	007HR	02/18
12320	James River Channel Lighted Buoy 76	OFF STA	12251	469HR	39/18
13205	Chisman Creek Daybeacon 2	STRUCT DEST/TRUB	12238	353HR	25/18
13295	White House Cove Daybeacon 1A	STRUCT DEST/TRUB	12238	177HR	23/17
13300	White House Cove Daybeacon 2	DAYMK MISSING	12238	421HR	34/18
13497	York River East Range Rear Light	LT EXT	12241	344HR	24/18
13595	West Branch Channel Entrance Light 2WB	LT IMCH	12241	NONEHR	29/18
13920	Upper York River Channel Light 12	LT EXT	12243	368HR	28/18
14125	Davis Creek Channel Warning Daybeacon A	DAYMK MISSING	12238	249HR	13/18
14310	Ware River Daybeacon 1W	DAYMK IMCH	12238	435HR	35/18
14320	Ware River Light 3	DAYMK MISSING	12238	454HR	37/18
15155	Corrotoman River Light 2	LT EXT	12235	347HR	25/18
15575	Rappahannock River Lighted Buoy 24	LT EXT	12237	422HR	32/18
15603	Hoskins Creek Light 2	STRUCT DEST/TRLB	12237	126HR	05/18
16120	Dividing Creek Entrance Light 3	DAYMK MISSING	12235	NONEHR	19/18
16210	Mill Creek Entrance Daybeacon 3	MISSING/TRUB	12235	396MD	31/18
18265	Occoquan River Channel Light 2	STRUCT DEST	12289	485MD	37/18
18375	Whitestone Point Light	LT IMCH	12289	496MD	38/18
18515	Piscataway Creek Light 2P	LT EXT	12289	479MD	37/18
19100	Cuckhold Creek Daybeacon 3	STRUCT DEST/TRLB	12284	351MD	24/18
19697	NOAA Lighted Data Buoy AN	OFF STA	12283	235MD	11/18
21725	Occoquann Creek Daybeacon 10	STRUCT DEST/TRUB	12226	144HR	05/18
23975	Nanticoke River Channel Light 5	STRUCT DMGD/TRLB	12261	172MD	05/18
24045	Bivalve Channel Light 1B	STRUCT DMGD	12261	355MD	25/18
24275	Nanticoke River Channel Daybeacon 51	STRUCT DEST/TRUB	12261	136MD	04/18
24285	Nanticoke River Channel Daybeacon 53	STRUCT DEST/TRUB	12261	115MD	04/18
24515	Middle Island Bridge West Channel Wreck Daybeacon WR1W	STRUCT DEST/HAZ NAV	12261	123MD	04/18
24530	Honga River Back Creek Entrance Channel Light 1BC	STRUCT DEST/TRLB	12261	201MD	08/18
24705	Brooks Creek Daybeacon 5	STRUCT DEST/HAZ NAV/TRLB	12264	225MD	10/18
24850	Choptank River Entrance Lighted Buoy 13	LT EXT	12266	503MD	40/18
26300	Crab Alley Bay Daybeacon 6	DAYMK MISSING/TRLB	12270	465MD	35/18
26320	Crab Alley - Little Creek Daybeacon 4	STRUCT DEST/TRLB	12270	113MD	04/18
26455	Kent Island Narrows North Approach Daybeacon 12	STRUCT DEST/TRLB	12272	142MD	04/18
27205	Gunpowder River Wreck Light WR9	STRUCT DEST/TRLB	12274	301MD	18/18
27800	NOAA Lighted Data Buoy S	OFF STA	12274	230MD	11/18
28005	Oregon Inlet Buoy 7	OFF STA	12204	364NC	33/18

28020	Oregon Inlet Buoy 11	OFF STA/MSLD SIG	12204	397NC	33/17
28193	Oregon Inlet Channel Light 54	STRUCT DEST/TRLB	12204	333NC	30/18
28300	Old House Channel Light 16OH	DAYMK MISSING	12204	403NC	37/18
28650	Hatteras Inlet Lighted Buoy 4	OFF STA	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	40/18
28699.1	South Ferry Terminal Lighted Buoy 1SF	OFF STA	11555	NONENC	40/18
28700	South Ferry Terminal Buoy 2SF	OFF STA	11555	NONENC	40/18
28701	South Ferry Terminal Buoy 3SF	OFF STA	11555	NONENC	40/18
28703	South Ferry Terminal Lighted Buoy 4SF	OFF STA	11555	411NC	38/18
28705	South Ferry Terminal Buoy 5SF	OFF STA	11555	NONENC	40/18
28707	South Ferry Terminal Lighted Buoy 6SF	OFF STA	11555	NONENC	40/18
28715	South Ferry Terminal Lighted Buoy 7SF	OFF STA	11555	NONENC	40/18
28753	Hatteras Inlet Channel Lighted Buoy 17	LT EXT	11555	405NC	37/18
28760	Hatteras Inlet Channel Daybeacon 18	STRUCT DEST/TRUB	11555	178NC	14/18
28817	Rollinson Channel Daybeacon 31	STRUCT DEST/TRUB	11555	640NC	50/17
29205	Barden Inlet Buoy 14	OFF STA	11545	NONENC	39/18
29225	Barden Inlet Light 19	STRUCT DEST	11545	NONENC	39/18
29235	Barden Inlet Lighted Buoy 21	OFF STA	11545	NONENC	39/18
29245	Barden Inlet Light 26	DAYMK MISSING	11545	NONENC	39/18
29328	Beaufort Inlet Channel Lighted Whistle Buoy BM	RAC INOP	11547	411NC	37/18
29372	Beaufort Inlet Channel Lighted Buoy 13	LT EXT	11547	422NC	40/18
29435	Morehead City Channel Range Rear Light	STRUCT DEST	11547	389NC	27/14
29495	Bogue Inlet Lighted Buoy 1	MISSING	11541	412NC	39/18
29497	Bogue Inlet Buoy 1A	MISSING	11541	412NC	39/18
29500	Bogue Inlet Buoy 2	MISSING	11541	412NC	39/18
29505	Bogue Inlet Buoy 3	MISSING	11541	412NC	39/18
29510	Bogue Inlet Buoy 4	MISSING	11541	412NC	39/18
29515	Bogue Inlet Buoy 5	MISSING	11541	412NC	39/18
29520	Bogue Inlet Buoy 6	MISSING	11541	412NC	39/18
29985	New Topsail Inlet Buoy 2	MISSING	11541	210NC	18/18
30010	New Topsail Inlet Buoy 5	MISSING	11541	338NC	31/18
30020	New Topsail Inlet Buoy 7	MISSING	11541	405NC	31/16
30025	New Topsail Inlet Buoy 8	OFF STA	11541	406NC	31/16
30155	Masonboro Inlet Lighted Buoy 2	MISSING	11541	NONENC	40/18
30275	Carolina Beach Inlet Buoy 3	MISSING	11534	257NC	23/17
30285	Carolina Beach Inlet Buoy 5	MISSING	11534	NONENC	40/18
30420	Oak Island Channel Daybeacon 2	STRUCT DEST/TRLB	11534	214NC	19/17
30440	Oak Island Channel Daybeacon 7	STRUCT DEST/TRUB	11534	462NC	37/17
30520	Cape Fear River Channel Lighted Buoy 22	TRLB	11534	372NC	33/18
30955	Cape Fear River Channel Light 63	STRUCT DEST/TRUB	11537	NONENC	39/18
30995	Northeast Cape Fear River Daybeacon 8	STRUCT DMGD/TRUB	11537	413NC	39/18
31170	Whale Head Bay Light 1	STRUCT DEST/TRLB	12204	220NC	18/15
31241	Currituck Sound Research Platform A	STRUCT DEST	12205	019NC	05/18
31241.1	Currituck Sound Research Platform B	STRUCT DEST	12205	019NC	05/18
31241.2	Currituck Sound Research Platform C	STRUCT DMGD	12205	019NC	05/18
31241.3	Currituck Sound Research Platform D	STRUCT DEST/HAZ NAV	12205	019NC	05/18
31241.4	Currituck Sound Research Platform E	STRUCT DEST/HAZ NAV	12204	019NC	05/18
31645	Albemarle Sound Light 6AS	LT EXT	12205	377NC	34/18
31955	Croatan Sound Warning Daybeacon	STRUCT DEST/TRUB	12204	241NC	12/18

31976	Roanoke Marshes Warning Daybeacon	STRUCT DEST/TRUB	12204	235NC	19/18
32030	Stumpy Point Channel Light 10	STRUCT DEST/TRLB	12204	089NC	05/18
32103	Pamlico Sound Lighted Wreck Buoy WR4	MISSING	11545	NONENC	39/18
32137	Long Shoal Lighted Wreck Buoy WR2	TRLB	11555	310NC	27/18
32145	Gull Shoal Light GS	LT EXT/DAYMK MISSING	11548	NONENC	40/18
32221	Buxton Harbor Lighted Wreck Buoy WR8	OFF STA	11555	413NC	39/18
32225	Buxton Harbor Light 10	DAYMK MISSING	11555	413NC	39/18
32230	Buxton Harbor Light 12	DAYMK MISSING	11555	413NC	39/18
32285	Avon Channel Light 8	DAYMK MISSING	11555	271NC	25/17
32305	Frisco Channel Daybeacon 8	DAYMK IMCH	11555	281NC	25/18
32325	Durant Point Buoy 4	OFF STA	11555	190NC	16/18
32325	Durant Point Buoy 4	OFF STA	11555	413NC	39/18
32473	Inner Middle Ground Lighted Wreck Buoy WR6	MISSING	11548	NONENC	39/18
32475	Inner Middle Ground Light M	DAYMK MISSING	11548	NONENC	39/18
32480	Upper Middle Ground Light UM	DAYMK MISSING	11548	NONENC	39/18
32525	Brant Island Warning Daybeacon F	DAYMK MISSING	11548	NONENC	39/18
32570	Brant Island Warning Daybeacon O	DAYMK MISSING	11548	NONENC	39/18
32590	Brant Island Warning Light S	DAYMK MISSING	11548	NONENC	39/18
32595	Brant Island Warning Daybeacon T	DAYMK MISSING	11548	NONENC	39/18
32645	Brant Island Warning Light DD	DAYMK MISSING	11553	412NC	39/18
32650	Brant Island Shoal Light BI	DAYMK MISSING	11550	NONENC	39/18
32770	Germantown Bay Light 7	STRUCT DEST	11548	413NC	39/18
32825	Oyster Creek Lighted Buoy 4	MISSING	11545	NONENC	39/18
33275	Bath Creek Light 1	STRUCT DEST/TRUB	11554	393NC	36/18
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
33598	Neuse River Warning Daybeacon	DAYMK MISSING	11541	412NC	39/18
33620	Broad Creek Daybeacon 4	DAYMK MISSING	11541	NONENC	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
33645	Turnagain Bay Light 5	LT EXT/DAYMK MISSING	11548	413NC	39/18
33790	Adams Creek Light 1AC	STRUCT DEST/TRLB	11541	411NC	38/18
34126	Neuse River Channel Daybeacon 50BB	STRUCT DEST	11552	NONENC	39/18
34185	Neuse River Channel Daybeacon 58	STRUCT DEST/TRUB	11552	331NC	26/17
34260	Trent River Daybeacon 4A	STRUCT DEST/TRUB	11552	374NC	34/18
34280	Trent River Daybeacon 9	STRUCT DEST	11552	NONENC	39/18
34315	Trent River Daybeacon 20	MISSING/STRUCT DEST/TRUB	11552	523NC	39/18
34320	Harbor Island Warning Daybeacon	STRUCT DEST/TRUB	11550	148NC	12/18
34335	Core Sound Buoy 3A	MISSING	11550	288NC	25/18
34340	Core Sound Buoy 4	MISSING	11550	289NC	25/18
34349	Core Sound Buoy 5A	MISSING	11550	290NC	25/18
34435	Thorofare Channel Daybeacon 2	STRUCT DEST	11550	NONENC	39/18
34480	Core Sound Daybeacon 22A	STRUCT DEST/TRUB	11550	234NC	19/18
34525	Core Sound Warning Light B	LT EXT	11545	333NC	28/17
34535	Cedar Creek Light 1	STRUCT DEST	11545	523NC	42/17
34545	Core Sound Lighted Buoy 28	MISSING	11545	406NC	37/18
34575	Core Sound Lighted Buoy 29	MISSING	11545	407NC	37/18
34595	Oyster Creek Daybeacon 3	STRUCT DEST/TRLB	11550	409NC	31/16
34640	Core Sound Light 41	STRUCT DEST/TRUB	11545	413NC	39/18
34670	Core Sound Light 44	DAYMK MISSING	11545	413NC	39/18
34690	Core Sound Daybeacon 48	STRUCT DEST/DAYMK MISSING	11545	411NC	38/18

34840	Beaufort Harbor Channel Daybeacon 8	STRUCT DEST/TRUB	11547	395NC	36/18
35115	New Jersey Intracoastal Waterway Light 38	STRUCT DEST/TRLB	12324	397DB	34/18
35135	Barnegat Inlet Light BI	LT EXT	12324	444DB	40/18
35167	New Jersey Intracoastal Waterway Daybeacon 46	STRUCT DEST/TRLB	12324	327DB	05/18
35196	New Jersey Intracoastal Waterway Daybeacon 53	STRUCT DEST/TRLB	12324	067DB	05/18
35245	New Jersey Intracoastal Waterway Daybeacon 65	STRUCT DEST/TRLB	12324	067DB	05/18
35275	New Jersey Intracoastal Waterway Daybeacon 71	STRUCT DEST/TRUB	12324	221DB	17/18
35280	New Jersey Intracoastal Waterway Daybeacon 72	STRUCT DEST/TRLB	12324	067DB	05/18
35295	New Jersey Intracoastal Waterway Daybeacon 76	STRUCT DEST/TRLB	12324	067DB	05/18
35310	New Jersey Intracoastal Waterway Daybeacon 80	STRUCT DEST/TRLB	12324	079DB	04/16
35350	New Jersey Intracoastal Waterway Daybeacon 89	STRUCT DEST/TRLB	12324	339DB	46/17
35365	New Jersey Intracoastal Waterway Daybeacon 94	STRUCT DEST/TRLB	12324	061DB	10/17
35395	New Jersey Intracoastal Waterway Daybeacon 101	STRUCT DEST/TRLB	12316	300DB	27/18
35400	New Jersey Intracoastal Waterway Daybeacon 102	STRUCT DEST/TRLB	12316	005DB	18/15
35620	New Jersey Intracoastal Waterway Light 153	STRUCT DEST/TRLB	12316	072DB	03/18
35655	New Jersey Intracoastal Waterway Light 163	STRUCT DEST/TRLB	12316	072DB	03/18
35670	New Jersey Intracoastal Waterway Daybeacon 166	STRUCT DEST/TRLB	12316	260DB	22/18
35740	New Jersey Intracoastal Waterway Lighted Buoy 181	LT EXT	12316	415DB	36/18
35905	New Jersey Intracoastal Waterway Light 233	LT EXT	12316	343DB	29/18
36020	New Jersey Intracoastal Waterway Daybeacon 266	STRUCT DEST/HAZ NAV/TRLB	12316	184DB	08/18
36280	New Jersey Intracoastal Waterway Daybeacon 342	STRUCT DEST/TRLB	12316	149DB	17/17
36290	New Jersey Intracoastal Waterway Daybeacon 345	STRUCT DEST/HAZ NAV/TRLB	12316	123DB	08/18
36475	New Jersey Intracoastal Waterway Daybeacon 401	STRUCT DEST/TRLB	12316	150DB	08/18
36690.1	New Jersey Intracoastal Waterway Daybeacon 469A	STRUCT DEST/TRLB	12316	364DB	31/18
36820	Elizabeth River Southern Branch Daybeacon 6	DAYMK MISSING	12253	457HR	38/18
36885	Elizabeth River Southern Branch Light 22	STRUCT DMGD	12253	392HR	30/18
36950	Deep Creek Daybeacon 5	DAYMK MISSING	12253	437HR	36/18
37575	Great Bridge to Albemarle Sound Light 105	TRLB	12206	277NC	24/18
38150	Goose Creek Daybeacon 3	STRUCT DEST/TRUB	11553	223NC	18/18
38155	Goose Creek Daybeacon 4	MISSING/TRLB	11553	352NC	32/18
38290	Adams Creek Light 1AC	STRUCT DEST/TRLB	11541	411NC	38/18
38435	Core Creek Light 29	STRUCT DEST/TRLB	11541	305NC	27/18
38515	Newport Marshes Light 38	STRUCT DEST/TRLB	11541	375NC	33/18
38820	Peletier Creek Entrance Channel Daybeacon 1	DAYMK MISSING/TRUB	11541	411NC	38/18
38830	Peletier Creek Entrance Channel Daybeacon 3	STRUCT DEST/TRUB	11541	413NC	39/18
39035	Bogue Sound Daybeacon 44	STRUCT DEST	11541	412NC	39/18
39285	Bogue Sound - New River Daybeacon 69	STRUCT DEST/TRLB	11541	413NC	39/18
39310	Bogue Sound - New River Daybeacon 76	STRUCT DEST/TRLB	11541	054NC	06/18

39345	New River - Cape Fear River Daybeacon 14	STRUCT DEST	11541	413NC	39/18
39400	New River - Cape Fear River Light 39	LT EXT	11541	419NC	40/18
39470	New River - Cape Fear River Daybeacon 72	OFF STA/STRUCT DEST/TRUB	11541	077NC	47/17
39527	New River - Cape Fear River Light 94	STRUCT DEST/TRLB	11541	371NC	33/18
39597	New River - Cape Fear River Buoy 121	OFF STA	11541	412NC	39/18
39610	New River - Cape Fear River Daybeacon 124	STRUCT DEST/HAZ NAV/TRUB	11541	460NC	34/17
39625	New River - Cape Fear River Light 128	STRUCT DEST/TRLB	11541	348NC	32/18
39726	New River - Cape Fear River Buoy 154A	MISSING	11534	424NC	40/18
39855	New River - Cape Fear River Daybeacon 167	STRUCT DEST/TRUB	11534	069NC	07/18
40010	Cape Fear River Channel Lighted Buoy 22	TRLB	11534	372NC	33/18
40095	Cape Fear River - Little River Light 18	STRUCT DEST/TRLB	11534	287NC	25/18
40130	Cape Fear River - Little River Daybeacon 36	STRUCT DEST/TRUB	11534	411NC	39/18
40195	Cape Fear River - Little River Daybeacon 39	STRUCT DEST/TRUB	11534	411NC	38/18
40210	Cape Fear River - Little River Daybeacon 42	STRUCT DEST/TRUB	11534	411NC	38/18
40240	Cape Fear River - Little River Light 48A	STRUCT DEST	11534	411NC	38/18
40305	Cape Fear River - Little River Daybeacon 71	STRUCT DEST/TRUB	11534	070NC	07/18
40315	Cape Fear River - Little River Daybeacon 73	STRUCT DEST/TRLB	11534	016NC	02/18
40385	Cape Fear River - Little River Light 93	STRUCT DEST/TRLB	11534	233NC	19/18
40420	Cape Fear River - Little River Daybeacon 105	OFF STA	11534	360NC	33/18

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
90	Hereford Inlet Light	WATCHING PROPERLY	12316	448DB	40/18	40/18
1455	Cape May Harbor Range Front Light 4	RELIGHTED	12317	307DB	27/18	40/18
1460	Cape May Harbor Range Rear Light	RELIGHTED	12317	296DB	27/18	40/18
2860	Pea Patch Island Dike Warning Light A	RELIGHTED	12311	440DB	39/18	40/18
3580	Petty Island Lower End Buoy P	WATCHING PROPERLY	12313	447DB	40/18	40/18
3625	Fisher Point Range Front Light	RELIGHTED	12313	438DB	39/18	40/18
3725	Tacony Range Rear Light	RELIGHTED	12314	436DB	39/18	40/18
3860	Upper Delaware River Channel Lighted Buoy 30	WATCHING PROPERLY	12314	437DB	39/18	40/18
5095	Sinepuxent Bay Channel Lighted Wreck Buoy WR23	WATCHING PROPERLY	12211	187D5	23/18	40/18
5100	Sinepuxent Bay Channel Light 25	RELIGHTED	12211	105MD	03/18	40/18
6776	Quinby Channel Lighted Buoy 15	RELIGHTED	12210	306HR	20/18	40/18
6780	Quinby Channel Lighted Buoy 17	RELIGHTED	12210	307HR	20/18	40/18
8700	Pooles Island North Range Rear Light	RELIGHTED	12274	502MD	39/18	40/18
8915	Shad Battery Shoal Range Rear Light	RELIGHTED	12274	501MD	39/18	40/18
9025	Oldfield Point Range Front Light	RELIGHTED	12277	504MD	40/18	40/18
11695	James River Channel Lighted Buoy 23	WATCHING PROPERLY	12248	456HR	38/18	40/18
13035	Back River Channel Daybeacon 14	WATCHING PROPERLY	12222	481HR	39/18	40/18
14705	Jackson Creek Channel Daybeacon 2	WATCHING PROPERLY	12235	NONEHR	38/18	40/18
16010	Antipoison Creek Light 4	RELIGHTED	12235	444HR	36/18	40/18
16070	Bluff Point Light B	WATCHING PROPERLY	12235	289HR	19/18	40/18
16250	Great Wicomico River Light 6	WATCHING PROPERLY	12235	348HR	25/18	40/18
20495	Old Road Bay Light 2RB	RELIGHTED	12278	506MD	40/18	40/18
29215	Barden Inlet Buoy 17	RESET ON STATION	11545	NONENC	39/18	40/18

29325	Middle Marshes Junction Light MM	WATCHING PROPERLY	11545	413NC	39/18	40/18
29413	Shackleford Slue Channel Buoy 3	RESET ON STATION	11547	413NC	39/18	40/18
29415	Shackleford Slue Light	WATCHING PROPERLY	11545	413NC	39/18	40/18
29430	Morehead City Channel Range Front Light	RELIGHTED	11547	421NC	40/18	40/18
29450	Fort Macon Creek Warning Light	WATCHING PROPERLY	11547	411NC	38/18	40/18
29525	Bogue Inlet Buoy 6A	RESET ON STATION	11541	NONENC	39/18	40/18
30137	Banks Channel Buoy 22	WATCHING PROPERLY	11541	412NC	39/18	40/18
30300	Carolina Beach Inlet Buoy 8	RESET ON STATION	11534	359NC	33/18	40/18
30370	Cape Fear River Entrance Channel Lighted Buoy 11	WATCHING PROPERLY	11534	411NC	38/18	40/18
30405	Southport Channel Range Front Light	RELIGHTED	11534	416NC	39/18	40/18
30435	Oak Island Channel Daybeacon 6	WATCHING PROPERLY	11534	412NC	39/18	40/18
30450	Cape Fear River Channel Lighted Buoy 16	WATCHING PROPERLY	11534	411NC	38/18	40/18
30554	Lower Midnight Channel South Range Rear Light	RELIGHTED	11534	419NC	40/18	40/18
30780	Big Island Lower South Range Rear Light	RELIGHTED	11537	NONENC	40/18	40/18
30820	Lower Brunswick North Range Front Light	RELIGHTED	11537	417NC	39/18	40/18
30850	Upper Brunswick Range Rear Light	RELIGHTED	11537	418NC	39/18	40/18
30930	Fourth East Jetty Range Rear Light	RELIGHTED	11537	NONENC	40/18	40/18
31630	Albemarle Sound Light 2AS	WATCHING PROPERLY	12206	NONENC	40/18	40/18
33483	Cedar Island Ferry Slip Breakwater Buoy 2	WATCHING PROPERLY	11550	411NC	38/18	40/18
33623.3	Rattan Bay Restricted Area Light D	REBUILT/RECOVERED	11541	413NC	39/18	40/18
33623.5	Rattan Bay Restricted Area Light F	RELIGHTED	11541	413NC	39/18	40/18
33627	Turnagain Bay Wreck Light WR1	WATCHING PROPERLY	11541	413NC	39/18	40/18
33630	Turnagain Bay Light 1A	WATCHING PROPERLY	11548	413NC	39/18	40/18
33635	Turnagain Bay Daybeacon 2	WATCHING PROPERLY	11548	413NC	39/18	40/18
33640	Turnagain Bay Light 4	WATCHING PROPERLY	11548	413NC	39/18	40/18
33755	Smith Creek Channel Light 1SC	WATCHING PROPERLY	11541	412NC	39/18	40/18
33765	Smith Creek Channel Daybeacon 5	WATCHING PROPERLY	11541	412NC	39/18	40/18
33770	Smith Creek Channel Light 6	WATCHING PROPERLY	11541	412NC	39/18	40/18
33775	Smith Creek Channel Light 8	WATCHING PROPERLY	11541	412NC	39/18	40/18
34650	Core Sound Light 42A	WATCHING PROPERLY	11545	413NC	39/18	40/18
34739	Core Sound Daybeacon 56A	WATCHING PROPERLY	11545	411NC	38/18	40/18
34775	Core Sound Light 60	WATCHING PROPERLY	11547	411NC	38/18	40/18
36245	New Jersey Intracoastal Waterway Light 331	RELIGHTED	12316	419DB	36/18	40/18
36695	New Jersey Intracoastal Waterway Light 470	RELIGHTED	12316	409DB	35/18	40/18
36733	Cape May Harbor Range Front Light 4	RELIGHTED	12317	307DB	27/18	40/18
36780	Cape May Canal East End Entrance Light 16	RELIGHTED	12317	443DB	40/18	40/18
37525	Great Bridge to Albemarle Sound Light 87	REBUILT/REMAINS	12206	NONENC	40/18	40/18
37535	Great Bridge to Albemarle Sound Daybeacon 91	REBUILT/RECOVERED	12206	302NC	26/18	40/18
37615	Great Bridge to Albemarle Sound Light 116	REBUILT/RECOVERED	12206	279NC	24/18	40/18
38727	Causeway Channel Buoy 4	RESET ON STATION	11547	413NC	39/18	40/18
38736	Causeway Channel Buoy 6A	RESET ON STATION	11547	413NC	39/18	40/18
38745	Causeway Channel Buoy 7A	RESET ON STATION	11547	413NC	39/18	40/18
38877	Bogue Sound Buoy 10A	WATCHING PROPERLY	11541	413NC	39/18	40/18
39295	Bogue Sound - New River Light 72	RELIGHTED	11541	NONENC	39/18	40/18
40337	Cape Fear River - Little River Buoy 80A	RESET ON STATION	11534	158NC	13/18	40/18

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
803.2	UNCW/CORMP Lighted Data Buoy C	LT IMCH	11539	186NC	17/17	
867	UNC Wilmington Lighted Data Buoy SB	BUOY DMGD/LT EXT	11534	112NC	12/17	
1155	Marshelder Channel Buoy 3	MISSING	12316	250DB	26/16	
1345	Ship Channel Buoy 5	OFF STA	12316	160DB	24/17	
1690	Bidwell Creek Entrance Light 2	LT EXT	12304	NONEAC	37/06	
1960	Fortescue Creek Entrance Buoy 4	OFF STA	12304	NONEDB	17/13	
2035	Lewes Breakwater Front Light	LT EXT	12216	282DB	27/13	
3153	Marcus Hook Lighted Research Buoy C	MISSING	12312	332DB	45/17	
3503	Eagle Point Range Lighted Research Buoy B	MISSING	12313	338DB	45/17	
3778	Tri-County Water Intake Lighted Buoy S	LT EXT	12314	279DB	25/18	
4346	Upper Delaware River Pipeline Outfall Buoy	MISSING	12314	129DB	18/12	
4875	Thorofare Channel Buoy 3	SINKING	12211	029DB	05/16	
5180	Chincoteague Bay State Boundary Line Buoy E	DAYMK IMCH	12211	430HR	46/12	
5190	Chincoteague Bay State Boundary Line Buoy G	DAYMK IMCH	12211	432HR	46/12	
5265	George Island Channel Daybeacon 8	DAYMK IMCH	12211	346HR	38/12	
5453	Coards Marsh Sanctuary Daybeacon A	STRUCT DEST	12211	433HR	46/12	
5453.1	Coards Marsh Sanctuary Daybeacon B	STRUCT DEST	12211	434HR	46/12	
5453.2	Coards Marsh Sanctuary Daybeacon C	STRUCT DEST	12211	435HR	46/12	
5457	Greenbackville Sanctuary Daybeacon A	STRUCT DEST	12211	476HR	43/11	
5457.1	Greenbackville Sanctuary Daybeacon B	DAYMK MISSING	12211	477HR	43/11	
7837	UMCES Lighted Data Buoy CBB	OFF STA	12282	176MD	16/16	
7860	Bay Bridge Marina Light 5	LT EXT	12270	350MD	44/12	
9853	Elizabeth River Town Point Reach No Wake Buoy A	MISSING	12253	440HR	35/14	
9854	Hospital Point No Wake Buoy	MISSING	12253	441HR	36/18	
9897	Elizabeth River Town Point Reach No Wake Buoy B	MISSING	12253	442HR	33/18	
9935	Elizabeth River Town Point Reach No Wake Buoy C	MISSING	12253	443HR	33/18	
9940	Norfolk Waterside Pier Light	LT EXT	12253	004HR	02/18	
10125	Lynnhaven Roads Fishing Pier Lights (2)	MISSING	12254	319HR	31/13	
10157.01	Crab Creek Entrance Buoy 3CC	OFF STA	12254	131HR	19/17	
10157.12	Crab Creek Buoy 12	OFF STA	12254	065HR	10/17	
10186	Lynnhaven River Daybeacon 1LR	STRUCT DEST	12254	080HR	08/15	
10225	Lynnhaven River Western Branch Buoy 10	OFF STA	12254	362HR	47/17	
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	
10332.8	Lynnhaven River Eastern Branch Daybeacon 12	DAYMK MISSING	12222	432HR	51/16	
10334	Lynnhaven River Eastern Branch Daybeacon 27	DAYMK MISSING	12222	162HR	23/16	
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	NONEHR	33/17	
10762.05	Lafayette River Northern Branch Daybeacon 5	DAYMK MISSING	12245	262HR	33/17	
10762.1	Lafayette River Northern Branch Daybeacon 12	DAYMK MISSING	12245	252HR	26/14	
10962	Hampton River Channel Buoy 22	DAYMK DMGD	12245	NONEHR	16/16	
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	

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
13045	Harris River Approach Daybeacon 2	DAYMK IMCH/STRUCT DMGD	12238	087HR	14/17
13050	Harris River Approach Daybeacon 3	DAYMK MISSING	12238	036HR	06/12
13055	Harris River Approach Daybeacon 4	DAYMK IMCH	12238	088HR	14/17
13065	Harris River Approach Daybeacon 6	OFF STA/DAYMK DMGD	12238	037HR	06/12
13070	Harris River Approach Daybeacon 8	DAYMK MISSING	12238	089HR	14/17
13583	VIMS Gloucester Point Lighted Data Buoy A	MISSING	12241	113HR	17/17
13635	Wormley Creek Marina Buoy 2	DAYMK IMCH	12238	378HR	29/18
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
14935	Windmill Point Marina Light 2	DAYMK DMGD	12235	240HR	29/17
14940	Windmill Point Marina Light 3	LT EXT	12235	348HR	23/12
15005	Broad Creek Northern Branch Daybeacon 1N	DAYMK DMGD	12235	234HR	24/13
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
15050	Broad Creek Northern Branch Daybeacon 12	DAYMK MISSING	12235	431HR	49/14
16275	Buzzards Point Daybeacon 3	DAYMK DMGD	12235	390HR	26/15
16555	Lake Conoy Warning Daybeacon A	MISSING	12233	251MD	19/10
16643.1	Calvert Bay Warning Daybeacon B	MISSING	12233	424MD	32/18
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
18900	Solomons Island Research Pier Light	LT EXT	12284	467MD	36/18
19275	Chalk Point Cable Crossing Tower Light B	LT EXT	12264	428MD	32/18
19277	Chalk Point Cable Crossing Tower Light 29	LT EXT	12264	431MD	32/18
19278	Chalk Point Power Light 30	LT EXT	12264	432MD	32/18
19279	Chalk Point Tower Light C	LT EXT	12264	430MD	32/18
19280	Chalk Point Tower Light D	LT EXT	12264	428MD	32/18
19613	South River Warning Buoy B	MISSING	12270	NONEMD	39/18
20735	HAW Generating Plant Channel Buoy 2	MISSING	12278	486MD	37/18
20750	HAW Generating Plant Channel Buoy 5	ADRIFT	12278	240MD	23/18
20930	Hess Lighted Mooring Buoy	LT EXT	12281	368MD	27/18
20990	CSX Ore Pier Obstruction Light D	LT EXT	12278	369MD	27/18
22095	Onancock Creek -South Branch Buoy 1	OFF STA	12228	292MD	30/08
22430	Pocomoke Sound State Boundary Line Daybeacon H	STRUCT DEST/TRUB	12228	165MD	13/15
22440	Pocomoke Sound State Boundary Line Daybeacon K	STRUCT DEST/TRUB	12228	NONEMD	31/15
22880	Jenkins Creek Daybeacon 7	STRUCT DEST/TRUB	12231	130MD	20/17
25020	Cambridge Channel Range Front Light	LT EXT	12268	420MD	46/08
25025	Cambridge Channel Range Rear Light	LT EXT/DAYMK DMGD	12268	418MD	46/08
25330	Pier Street Marina Daybeacon 1	STRUCT DEST/HAZ NAV	12266	157MD	20/13
25335	Pier Street Marina Daybeacon 2	STRUCT DEST/HAZ NAV	12266	168MD	21/13
26250	Philpots Island Buoy 4	OFF STA/TRUB	12270	453MD	34/18
26255	Philpots Island Buoy 6	OFF STA/TRUB	12270	447MD	34/18
26700	Davis Creek Entrance Daybeacon 2	STRUCT DMGD	12272	321MD	44/17
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
31060	Shallotte Inlet Buoy 2	MISSING	11534	005NC	01/14
31087	Shallotte Inlet Buoy 9	MISSING	11534	317NC	23/13
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
32725.16	Swanquarter PPA Warning Daybeacon R	STRUCT DEST	11548	424NC	33/16
32725.23	Swanquarter PPA Warning Daybeacon X	STRUCT DEST	11548	089NC	09/16
32725.24	Swanquarter PPA Warning Daybeacon Y	STRUCT DEST	11548	NONENC	09/16
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
33597	Neuse River UNC Lighted Data Buoy A	MISSING	11544	447NC	35/16
35230	Manahawkin Bay Lower Warning Light	LT EXT	12324	371DB	32/13
35780	Absecon Waterway Upper Pier Light	LT IMCH	12316	521DB	38/14
35785	Absecon Waterway Lower Pier Light	LT IMCH	12316	522DB	38/14
36777.3	Cape May Village Daybeacon 4	STRUCT DEST	12316	556DB	41/15
38535	Triple S. Marina Daybeacon 1	STRUCT DEST	11547	200NC	18/17
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
40017	Cape Fear River Warning Light A	LT EXT	11534	045NC	06/17
	Asquith Creek Daybeacon 6	DAYMK IMCH	12282	520MD	45/14
	Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
	Big Timber Creek Buoy 12	OFF STA	12313	428DB	38/18
	Broad Creek Daybeacon 17 Eastern Branch Elizabeth R	STRUCT DEST	12253	377HR	50/17
	Cherrystone Artificial Reef Buoys	MISSING	12221	NONED5	24/05
	Colington Harbor Entrance Light 5	DAYMK DMGD	12205	290NC	26/17
	Colington Harbor Entrance Light 6	DAYMK DMGD	12205	NONENC	30/17
	Fox Hill Channel Daybeacon 4	DAYMK DMGD	12238	173HR	23/12
	Fox Hill Channel Daybeacon 6	STRUCT DEST	12238	174HR	23/12
	Gosnold Hope Channel Daybeacon 2	STRUCT DEST	12222	NONEHR	07/18
	Gosnold Hope Channel Daybeacon 6	STRUCT DEST	12222	242HR	12/18
	Grassy Sound North Pier Light	MISSING	12316	0068AC	41/12
	Grassy Sound South Pier Light	MISSING	12316	0069AC	41/12
	Greenhill Cove Buoy 1 / 5102NAV1	OFF STA	12278	381MD	27/18
	Hambleton Cove Daybeacon 1	STRUCT DEST	12270	324MD	22/18
	Hambleton Cove Daybeacon 3	STRUCT DEST	12270	325MD	22/18
	Harris River Approach Daybeacon 10	DAYMK DMGD	12238	NONEHR	05/12
	Indian River Bay Shellfish Excl. Buoy	MISSING	12216	NONEAC	08/12
	Jean Guite Creek Daybeacon 1	STRUCT DEST	12205	NONENC	33/17
	Jean Guite Creek Daybeacon 2	DAYMK IMCH	12205	NONENC	33/17
	John's Creek Buoy 10	OFF STA	12270	385MD	28/18
	John's Creek Buoy 12	OFF STA	12270	386MD	28/18
	John's Creek Buoy 3	LT IMCH	12270	318HR	37/16

Mike's Crab House Pier Light B (South River)	LT EXT	12270	370MD	27/18
Parkinson Oyster Reef Warning Daybeacon A	DAYMK MISSING	12264	NONEMD	36/18
Parkinson Oyster Reef Warning Daybeacon B	DAYMK MISSING	12264	NONEMD	36/18
Parramore Artificial Reef Buoy	MISSING	12210	0071ES	21/05
Petersons Point-MSU Reef Buoy B	MISSING	12264	NONEMD	36/18
Petersons Point-MSU Reef Buoy C	MISSING	12264	NONEMD	36/18
Petersons Point-MSU Reef Buoy D	MISSING	12264	NONEMD	36/18
Petersons Point-MSU-Reef Buoy A	MISSING	12264	NONEMD	36/18
Shark Riv Is Ch By 1	MISSING		215DB	22/16
Shark River Light 5	LT EXT		395DB	28/15
Taylor Creek Daybeacon 3	STRUCT DEST/TRUB		228HR	11/18
Taylor Crk Dbn 3	STRUCT DEST/HAZ NAV	12226	204HR	09/18
VIMS Clay Bank Lighted Data Buoy A	MISSING	12243	NONEHR	14/14
VIMS Clay Bank Lighted Data Buoy B	MISSING	12243	NONEHR	14/14
VIMS Clay Bank Lighted Data Buoy C	MISSING	12241	NONEHR	14/14
VIMS Outfall Pipe Warning Buoy A	MISSING	12241	114HR	17/17
Vims Water Qual Monitor Device (3)	MISSING		NONEHR	14/14
Wachapreague Artificial Reef Buoys	MISSING	12210	0072ES	21/05
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
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None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5397	Chincoteague Channel Lighted Buoy 28	DISCONTINUED FOR DREDGING	12210	456D5	40/18	
7055	Chesapeake Channel Lighted Buoy 5	RELOCATED FOR DREDGING	12222	169D5	14/18	
7060	Chesapeake Channel Lighted Buoy 6	RELOCATED FOR DREDGING	12222	169D5	14/18	
7070	Chesapeake Channel Lighted Buoy 7	RELOCATED FOR DREDGING	12222	169D5	14/18	
7075	Chesapeake Channel Lighted Buoy 9	RELOCATED FOR DREDGING	12254	168D5	14/18	
7080	Chesapeake Channel Lighted Buoy 10	RELOCATED FOR DREDGING	12222	168D5	14/18	
7085	Chesapeake Channel Lighted Buoy 11	RELOCATED FOR DREDGING	12254	168D5	14/18	
7090	Chesapeake Channel Lighted Bell Buoy 12	RELOCATED FOR DREDGING	12254	168D5	14/18	
9535	Elizabeth River Channel Lighted Buoy 13	RELOCATED FOR DREDGING	12245	433D5	37/18	

9555	Norfolk International Terminal South Channel Buoy 2S	RELOCATED FOR DREDGING	12245	433D5	37/18
9560	Norfolk International Terminal South Channel Lighted Buoy 4S	RELOCATED FOR DREDGING	12245	432D5	37/18
9565	Norfolk International Terminal South Channel Lighted Buoy 6S	RELOCATED FOR DREDGING	12245	432D5	37/18
9570	Norfolk International Terminal South Channel Lighted Buoy 8S	RELOCATED FOR DREDGING	12245	433D5	37/18
11897	James River Channel Lighted Buoy 27A	DISCONTINUED FOR DREDGING	12248	541D5	44/15
11904	James River Channel Lighted Buoy 29A	DISCONTINUED FOR DREDGING	12248	541D5	44/15
21510	Mud Creek Channel Daybeacon 1	DISCONTINUED FOR DREDGING	12224	271HR	17/15
21515	Mud Creek Channel Daybeacon 2	TRUB	12224	221D5	18/15
23510	Lower Thorofare Channel Light 6	TRDBN	12231	096D5	11/16
28765.1	Hatteras Inlet Channel Buoy 19A	DISCONTINUED FOR DREDGING	11555	164D5	14/18
28807	Hatteras Harbor Daybeacon 2	TRUB	11555	075D5	07/18
28815	Rollinson Channel Light 30	TRLB	11555	075D5	07/18
28817	Rollinson Channel Daybeacon 31	TRUB	11555	075D5	07/18
28955	Teaches Hole Channel Lighted Buoy 20	DISCONTINUED	11550	173D5	14/15
29245	Barden Inlet Light 26	TRDBN	11545	503D5	32/17
29247	Barden Inlet Buoy 27	DISCONTINUED	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
30175	Masonboro Inlet Lighted Buoy 6	DISCONTINUED FOR DREDGING	11541	081D5	08/18
30180	Masonboro Inlet Buoy 7	RELOCATED FOR DREDGING	11541	081D5	08/18
30355	Cape Fear River Entrance Channel Lighted Buoy 9	RELOCATED FOR DREDGING	11534	267D5	21/18
30360	Cape Fear River Entrance Channel Lighted Buoy 10	RELOCATED FOR DREDGING	11534	267D5	21/18
31020	Lockwoods Folly Inlet Buoy 3	DISCONTINUED	11534	304D5	18/17
31025	Lockwoods Folly Inlet Buoy 4	DISCONTINUED	11534	240D5	17/17
31027	Lockwoods Folly Inlet Buoy 5	DISCONTINUED	11534	313D5	19/17
31040	Lockwoods Folly Inlet Buoy 8	DISCONTINUED	11534	304D5	18/17
31045	Lockwoods Folly Inlet Buoy 10	DISCONTINUED	11534	304D5	18/17
31047	Lockwoods Folly Inlet Buoy 12	DISCONTINUED	11534	121D5	09/17
	Hoskins Creek Range Rear Light	ESTABLISHED	12237	NONED5	25/18
	Hoskins Creek Range Rear Passing Light	ESTABLISHED	12237	318D5	25/18
	Indian River Inlet Buoy 16A	ESTABLISHED	12216	424D5	37/18

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LN M St	LN M End
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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.

11534	39th Ed.	01-NOV-15	Last LNM: 34/18	NAD 83		40/18
<i>Chart Title: Intracoastal Waterway Myrtle Grove Sound and Cape Fear River to Casino Creek</i>						
Main Panel 202 MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK. Page/Side: A						
ADD	Obstruction in Feet; 36 ft Obstn			Chart No. 1: K41 (NOS NW-28209)	NOS 34-03-13.630N	077-56-20.340W
11537	40th Ed.	01-FEB-15	Last LNM: 44/17	NAD 83		40/18
<i>Chart Title: Cape Fear River Cape Fear to Wilmington</i>						
Extension 201 CAPE FEAR RIVER - CAPE FEAR TO WILMINGTON. Page/Side: A						
ADD	Obstruction in Feet; 36 ft Obstn			Chart No. 1: K41 (NOS NW-28209)	NOS 34-03-13.630N	077-56-20.340W
ADD	Obstruction in Feet; 42 ft Obstn			Chart No. 1: K41 (NOS NW-28209)	NOS 34-11-47.470N	077-57-24.040W
11541	41st Ed.	01-NOV-15	Last LNM: 47/17	NAD 83		40/18
<i>Chart Title: Intracoastal Waterway Neuse River to Myrtle Grove Sound</i>						
CHART NC-AIWW - NEUSE RIVER TO MYRTLE GROVE SOUND. Page/Side: N/A						
CHANGE	New River - Cape Fear River Light 98 to FIR 4s, 18FT, 4M, at				CGD05 at 34-21-42.504N	077-40-12.894W
12210	44th Ed.	01-JUN-18	Last LNM: 47/17	NAD 83		40/18
<i>Chart Title: Chincoteague Inlet to Great Machipongo Inlet;Chincoteague Inlet</i>						
CHART VA-CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET. Page/Side: N/A						
DELETE	Virginia Inside Passage Daybeacon 115 at				CGD05 37-37-57.462N	075-39-32.916W
DELETE	Virginia Inside Passage Warning Daybeacon at				CGD05 37-27-43.314N	075-43-59.082W
12228	35th Ed.	01-SEP-17	Last LNM: 41/17	NAD 83		40/18

ChartTitle: Chesapeake Bay Pocomoke and Tangier Sounds

Main Panel 566 CHESAPEAKE BAY POCOMOKE AND TANGIER SOUNDS - -. Page/Side: -

CHANGE Depth Legend - Big Thorofare to:; 2 FT MID 50 FT OCT 2017 (NOS NW-28199) NOS 38-00-02.140N 076-03-10.180W

12230 67th Ed. 01-JAN-17 Last LNM: 47/17 NAD 83 40/18

ChartTitle: Chesapeake Bay Smith Point to Cove Point

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

CHANGE Depth Note - BIG THOROFARE to:; BIG THOROFARE Controlling depth 2 feet for mid 50 feet. Oct 2017 (NOS NW-28199) NOS 38-01-32.150N 076-02-04.530W

12231 31st Ed. 01-MAY-16 Last LNM: 24/17 NAD 83 40/18

ChartTitle: Chesapeake Bay Tangier Sound Northern Part

Main Panel 569 TANGIER SOUND - NORTHERN PART. Page/Side: A

CHANGE Depth Legend - Big Thorofare to:; 2 FT MID 50 FT OCT 2017 (NOS NW-28199) NOS 38-00-02.140N 076-03-10.180W

12252 25th Ed. 01-JAN-13 Last LNM: 24/17 NAD 83 40/18

ChartTitle: James River Jordan Point to Richmond

Extension 592 PETERSBURG EXTENSION. Page/Side: N/A

ADD Sounding in Feet; 1 (NOS NW-28129) NOS 37-16-02.160N 077-22-24.430W

ADD Sounding in Feet; 2 (NOS NW-28129) NOS 37-15-57.560N 077-22-26.790W

Main Panel 590 JAMES RIVER JORDAN POINT TO RICHMOND. Page/Side: N/A

CHANGE Depth Note - NOTE C APPOMATTOX RIVER to:; The controlling depth was 6 feet for a mid-width of 60 feet from the entrance to daybeacon "14", thence 4 1/2 feet for a width of 80 feet to position 37°14'17.5"N; 77°23'13.0"W. May 2008 - Feb 2017 (NOS NW-28129) NOS 37-17-45.000N 077-20-26.000W

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) None

Project Date Ref. LNM

Advance Notice(s)

****DIFFERENTIAL GPS SYSTEM - DISCONTINUANCE****

The Maritime Differential GPS system was established in the late 1980s to augment the existing GPS signal with accuracy corrections and integrity monitoring. This augmentation signal was broadcast over Medium Frequency from terrestrial broadcast sites. At the time, the publicly available GPS signal was intentionally degraded through Selective Availability (SA), and thus augmentation was necessary to meet minimum requirements for maritime positioning and navigation. Selective Availability was permanently discontinued in 2000, and as system technology has improved, observed positional accuracy for un-augmented GPS consistently meets requirements for harbor/harbor-approach navigation on modern GPS receivers. The USCG has continued assessments and outreach affirming that the positional accuracy provided by un-augmented GPS and GPS augmented by the U.S. Wide Area Augmentation System (WAAS) is sufficient to meet its mission requirements and navigational safety requirements for harbor approaches.

In accordance with the DGPS Discontinuance Federal Register Notice, the following DGPS site will cease broadcast on 30 September 2018.

- Annapolis, MD
New Bern, NC
Robinson Point, WA
Pigeon Point, CA
Bobo, MS

<https://www.federalregister.gov/documents/2018/03/21/2018-05684/discontinuance-of-the-nationwide-differential-global-positioning-system-ndgps>

LNM: 32/18

*****MD - CHESAPEAKE BAY - CHESAPEAKE CHANNEL*****

Dredging of the Chesapeake Channel has been completed. On or about October 16, 2018 the Coast Guard will return the below listed aids to

navigation to their original assigned positions.

Chesapeake Channel:

Lighted Buoy 5 (LL 7055), Lighted Buoy 6 (LL 7060), Lighted Buoy 7 (LL 7070), Lighted Buoy 9 (LL 7075), Lighted Buoy 10 (LL 7080), Lighted Buoy 11 (LL 7085) and Lighted Buoy 12 (LL 7090)

Charts 12221

Chart 12221

LNM: 40/18

******VA – LYNNHAVEN INLET – LONG CREEK – BROAD BAY- LINKHORN BAY - CHANGES TO AIDS TO NAVIGATION******

On or about September 24, 2018 the Coast Guard will make the following changes to the Aids To Navigation in Long Creek, Broad Bay and Linkhorn Bay areas of Lynnhaven Inlet. These changes will mark the ongoing shoaling, to a least depth of 6.0' until maintenance dredging can be completed in the first quarter of 2019 by our partners, Norfolk District US Army Corps of Engineers (USACE) and the City of Virginia Beach.

The following changes are:

- Establish Long Creek Lighted Buoy 1LC at 36 54 22.570N—76 05 27.590W with a flashing 2.5 second green light.
- Change Long Creek Channel Daybeacon 2 (LL 10160) to Long Creek Warning Daybeacon A with NW dayboards worded "Danger Shoal" until it can be removed and discontinued.
- Establish Long Creek Lighted Buoy 2 at 36 54 15.860N—76 05 27.740W with a Quick flashing red light.
- Change Long Creek Channel Light 4 (LL 10165) to Long Creek Warning Daybeacon B with NW dayboards worded "Danger Shoal" until it can be removed and discontinued.
- Establish Long Creek Buoy 4 at 36 54 17.090N—76 05 21.220W red nun.
- Change Long Creek Channel Daybeacon 5 (LL 10166) to Long Creek Warning Daybeacon C with NW dayboards worded "Danger Shoal" until it can be removed and discontinued.
- Change Long Creek Channel Daybeacon 7 (LL 10167) to Long Creek Waning Daybeacon D with NW dayboards worded "Danger Shoal" until it can be removed and discontinued.
- Change Long Creek Channel Daybeacon 8 (LL 10168) to Long Creek Daybeacon 5 with SG dayboards until it can be removed and discontinued.
- Establish Long Creek Buoy 5 at 36 54 14.730N—76 05 12.680W green can.
- Rename Long Creek Channel Daybeacon 10 (LL 10170) to Long Creek Daybeacon 6.
- Change Long Creek Channel Daybeacon 11 (LL 10175) to Long Creek Warning Daybeacon E with NW dayboards worded "Danger Shoal" until it can be removed and discontinued.
- Establish Long Creek Buoy 7 at 36 54 14.620N—76 05 00.410W green can.
- Rename Long Creek Channel Daybeacon 12 (LL 10180) to Long Creek Daybeacon 8.
- Change Broad Bay Channel Daybeacon 13 to Broad Bay Warning Daybeacon F with NW dayboards worded "Danger Shoal" until it can be removed and discontinued.
- Establish Broad Bay Buoy 9 at 36 54 07.730N—76 03 34.410W green can.
- Rename Broad Creek Channel Light 14 (LL 10400) to Broad Bay Light 10.
- Rename Broad Bay Channel Light 16 (LL 10405) to Broad Bay Light 12.
- Remove and discontinue Broad Bay Channel Daybeacon 17 (LL 10410).
- Remove and discontinue Broad Bay Channel Light 17A (LL 10415) and establish Broad Bay Lighted Buoy 13 at 36 53 37.860N—76 01 25.704W with a flashing 4 second green light.
- Remove and discontinue Broad Bay Channel Daybeacon 18 (LL 10420) and establish Broad Bay Buoy 14 at 36 53 37.140N—76 01 26.540W red nun.
- Rename Broad Bay Channel Daybeacon 19 (LL 10425) to Broad Bay Daybeacon 15.
- Remove and discontinue Broad Bay Channel Daybeacon 20 (LL 10430) and establish Broad Bay Buoy 16 at 36 53 28.490N—76 01 10.660W red nun.
- Rename Linkhorn Bay Daybeacon 20A (LL 10435) to Linkhorn Bay Daybeacon 18.
- Rename Linkhorn Bay Light 21 (LL 10440) to Linkhorn Bay Light 19.
- Remove and discontinue Linkhorn Bay Daybeacon 22 (LL 10445) and establish Linkhorn bay Buoy 20 at 36 53 14.040N—76 00 52.620W green can.
- Rename Linkhorn Bay Light 23 (LL 10450) to Linkhorn Bay Light 21.
- Remove and discontinue Linkhorn Bay Daybeacon 24 (LL 10455) and establish Linkhorn Bay Buoy 22 at 36 52 06.570N—76 00 50.070W red nun.
- Remove and discontinue Linkhorn Bay Daybeacon 26 (LL 10460) and establish Linkhorn Bay Buoy 24 at 36 51 54.966N—76 00 43.254W red nun.
- Remove and discontinue Linkhorn Bay Daybeacon 27 (LL 10465).

Charts: 12222 12254

LNM: 33/18

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES

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 below 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/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.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: 41/11

******MD – VA – POTOMAC RIVER – UPPER POTOMAC RIVER – PROPOSAL TO DISCONTINUE CLIFTON BEACH LIGHT******

The Coast Guard soliciting comments for discontinuing and removing the non-lateral aid to navigation located at Clifton Beach; Clifton Beach Light (LLNR 18030). 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: http://www.navcen.uscg.gov/pdf/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf.

All comments will be considered for analysis and are requested prior November 5, 2018. Please reference project 05-18-070(D).

Send comments to Albert.L.Grimes@uscg.mil or CGD5Waterways@uscg.mil, or mailed to:

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

Charts: 12285 12288

LNM: 37/18

******MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – PROPOSAL TO DISCONTINUE SANDY POINT SHOAL LIGHT******

The Coast Guard is proposing to discontinue the "light signal" for Sandy Point Shoal Light (LLNR 7990). Since Sandy Point Shoal Light (LLNR 7990) was established in the 1883, the Coast Guard has extensively upgraded the lateral aid system to mark Chesapeake Channel for modern classes of commercial and recreational vessels. With the proliferation of GPS, charting software, AIS, and other navigation systems, Sandy Point Shoal Light, while a convenient reference to some mariners, has become increasingly redundant. This structure is privately maintained and the Coast Guard will continue to work with the owner concerning maintenance.

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

https://www.navcen.uscg.gov/pdf/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf

All comments will be carefully considered and are requested prior to November 26, 2018 to be considered in the analysis. Refer to project number 05-17-072(D).

Send comments: CGD5Waterways@uscg.mil or mailed to:

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

Charts: 12263 12270 12273 12278

LNM: 40/18

******VA – CAPE HENRY TO THIMBLE SHOAL LIGHT – PROPOSAL TO CHANGE WILLOUGHBY BAY CHANNEL DAYBEACON 5 TO BUOY 5******

The Coast Guard is proposing changing Willoughby Bay Channel Daybeacon 5 (LLNR 10590) to Willoughby Bay Channel Buoy 5 (LL 1090). This change is proposed due to shoaling at the entrance of the channel limiting the access for a Coast Guard Construction Tender to rebuild the aid and the need to reposition the aid frequently.

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

https://www.navcen.uscg.gov/pdf/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf

All comments will be carefully considered and are requested prior to November 26, 2018 to be considered in the analysis. Refer to project number 05-18-071(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

Chart 12245

LNM: 40/18

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

VA - ATLANTIC OCEAN - WALLOPS ISLAND ROCKET LAUNCHES

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

LNM: 04/17

******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

LNM: 19/16

******COAST PILOT 4 - NEW EDITION******

PUBLICATION–National Oceanic Atmospheric Administration (NOAA)– U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 50th Edition, 2018, has been issued and is ready for free download and weekly updates at <https://nauticalcharts.noaa.gov/publications/coast-pilot/index.html>. Only Print-on-Demand (POD) bound copies are available for purchase; visit ww.nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot. The 2018 Edition cancels the preceding 2017 Edition, and incorporates all previous corrections.

LNM: 38/18

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

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

- Willoughby Bay
- Thimble Shoal Channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.
- An area of the Chesapeake Bay, adjacent to the Thimble Shoal Channel from Thimble Shoal to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

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

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

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

Charts: 12200 12205 12221 12222 12245 12254

LNM: 01/16

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

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

- AREA A: 37-09.0N 075-31.0W, 37-09.0N 075-34.7W, 37-12.0N 075-31.0W, 37-12.0N 075-34.7W.
- AREA B: 36-29.0N 075-31.8W, 36-29.0N 075-35.5W, 36-26.0N 075-35.5W, 36-26.0N 075-31.8W.
- AREA C: 36-29.0N 075-20.8W, 36-29.0N 075-24.5W, 36-26.0N 075-24.5W, 36-29.0N 075-20.8W.
- AREA D: 36-46.5N 075-47.8W, 36-46.5N 075-46.5W, 36-47.5N 075-46.5W, 36-47.5N 075-47.8W.

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

Chart 12200

LNM: 01/16

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

LNM: 13/16

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.

LNM: 01/16

******NJ – OFFSHORE – UNMANNED MARITIME SURFACE VEHICLE OPERATIONS******

Scripps Institution of Oceanography (SIO) will conduct continuous autonomous, unmanned maritime surface vehicle operations from Sept 10, 2018 through Oct 8, 2018 near the Pioneer Array in an bounded by the following points 40 deg 40 min N and 39 deg 0 min N and 71 deg 50 min W and 69 deg 40 min W, center point is approximately 158NM east of Manasquan NJ. Operations consist of scientific ocean data collection. Wave Glider carries no fuel, lubricants, or hydrocarbons, is wave powered, remotely attended from both SIO and at the Liquid Robotics Wave Glider Operations Center (WGOC), moving at speeds of typically 1kt, and designed to give way or part if encountered by a vessel. The vessels are surfboard size and yellow in color with several masts extending up to 1 meter above the surface mounted to scientific instruments. Mariners are urged to transit the area with caution. For up-to-date information, mariners can contact SIO at 858.534.2061 or Liquid Robotics Operations Center at 408.636.4205, or by email at support@liquidr.com.

LNM: 36/18

Chart 12300

NJ – OFFSHORE - CAPE MAY TO BARNEGAT – MARINE REMOTE SENSING OPERATIONS

From 26 Jun to 5 Nov 2018, 24 hours a day the R/V FUGRO ENTERPRISE will operating offshore between Cape May and Barnegat conducting multibeam bathymetry, side scan sonar and marine magnetometer operations in a rectangle bounded by the following North boundary - N39°21', East boundary - W74°14', South boundary - N39°01', West boundary - W74°11'. Average vessel speed will be 3.5 knots with towed sensors up to 800-feet behind the vessel. The FUGRO ENTERPRISE will be monitoring VHF-FM channel 16 and may be contacted at 337-366-0703. For additional information contact Jarrot Spurlock, Fugro USA Marine at 337-268-3246 or js spurlock@fugro.com.

LNM: 23/18

Charts: 12314 12318 12323

NJ - INTRACOASTAL WATERWAY - SANDY HOOK TO LITTLE EGG HARBOR – SHARK RIVER

Mariners are advised that an engineering firm of behalf of the New Jersey Department of Transportation will be performing maintenance at the NJ-71 (Main Street) Bridge, across Shark River, at mile 0.8, at Avon-By-The -Sea, NJ. The maintenance will be conducted between Wednesday, September 26, 2018, and Wednesday, October 31, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Maintenance of the bridge will require a tug and flexi float barge, 20 feet long by 16 feet wide to work in and around the navigable channel. Maintenance personnel, equipment and vessels can relocate with 30 minutes notice. The vessel may be reached on VHF-FM channels 13 and 16. The project superintendent can be reached at (856) 287-9127. Mariners should use caution when transiting the area.

LNM: 39/18

Chart 12324

NJ – INTRACOASTAL WATERWAY – SANDY HOOK TO LITTLE EGG HARBOR – BARNEGAT BAY – SR 37 BRIDGE

An engineering firm, on behalf of the New Jersey Department of Transportation will be performing an inspection at the SR 37 Bridge (West Bound Lane), at mile 14.1, over the Barnegat Bay, in Toms River, New Jersey. The inspection will be conducted between 1 Oct and 4 Oct, 2018; from 7 a.m. to 5:00 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 609-306-1740. The inspection will require a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area.

LNM: 39/18

Chart 12324

NJ – INTRACOASTAL WATERWAY – SANDY HOOK TO LITTLE EGG HARBOR – BARNEGAT BAY – SR 37/MATHIS BRIDGE – CLOSED TO NAVIGATION

The New Jersey Department of Transportation has requested a temporary deviation for routine maintenance for the SR 37 (Mathis) Bridge, at mile 14.1, over the Barnegat Bay. Under this temporary deviation, the bridge will be maintained in the closed-to-navigation position from 7 a.m. to 4 p.m. on September 26, 2018. The alternate date is from 7 a.m. to 4 p.m. on September 27, 2018. The current operating schedule is set out in 33 CFR 117.733(c). 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 and there is no immediate alternate route for vessels unable to pass through the bridge in the closed position. Mariners should use caution when transiting the area during the scheduled maintenance period.

LNM: 39/18

Chart 12324

NJ - INTRACOASTAL WATERWAY - LITTLE EGG HARBOR TO CAPE MAY - ABSECON INLET – RT 87/BRIGANTINE BRIDGE

An engineering firm, on behalf of the New Jersey Department of Transportation will be performing an inspection at the Route 87 (Brigantine) Bridge, at mile 0.6, across Absecon Inlet in Atlantic City, NJ. The inspection will be conducted between September 25, 2018 and September 28, 2018; from 7 a.m. to 5:00 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 609-306-1740. The inspection will require a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area.

LNM: 39/18

Chart 12316

******NJ – INTRACOASTAL WATERWAY (ICW) - TOWNSEND INLET - CR619/OCEAN DRIVE BRIDGE******

An engineering firm, on behalf of the Cape May County Bridge Commission, will be replacing spans one through seven on the CR619 (Ocean Drive) Bridge across Townsend Inlet, mile 0.3, at Avalon, NJ. The repairs will be conducted Monday through Saturday, 6 a.m. to 3 p.m., from September 21, 2018, to May 22, 2019. The construction personnel will not be operating in the navigable channel. The Project Foreman can be reached at (609) 624-9090. Mariners should use caution when transiting the area.

Chart 12316

LNM: 40/18

NJ – INTRACOASTAL WATERWAY - CAPE MAY CANAL – DREDGING

The dredge FULLERTON, of Barnegat Bay Dredging Company will be performing maintenance dredging of the New Jersey Intracoastal Waterway in the vicinity of the Cape May Ferry at the West end of the Cape May Canal. Work will commence on or about 11 Sep with completion date of 9 Oct 2018. All vessels should proceed with extreme caution when passing dredge locations.

For more information or questions contact barnegatbaydredging@comcast.net or 609-494-5913.

Chart 12316

LNM: 38/18

******PA – NJ – MIFFLIN RANGE – FORT MIFFLIN TERMINAL DOCK – MARINE CONSTRUCTION******

Commerce Construction Corporation will be performing marine construction for Energy Transfer Partners at their Fort Mifflin Terminal Dock, located along the Delaware River in Tincum Township, PA. All Work will occur outside of the channel in the immediate vicinity of the Energy Transfer Partners Marine Terminal docks. Construction crews will be on the water from approx. 6:00 AM to 6:00 PM Monday thru Sunday, starting October 8, 2018 going thru December 2020. Multiple barge mounted cranes, support barges and small craft will be in the vicinity of the dock supporting construction activities. Mariners are cautioned to stay clear of the crane barges, operating wires, anchors, buoys, small boats, tenders, and divers associated with the marine 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 of all vessels passing near the work area.

Chart 12312

LNM: 40/18

PA - NJ – DELAWARE RIVER – US 76/WALT WHITMAN BRIDGE

A contractor for the Delaware River Port Authority will be performing a bridge fender system inspection at the US 76 (Walt Whitman) Bridge, across the Delaware River, at mile 96.8, in Philadelphia, PA, and Camden, NJ. The maintenance will be performed from September 25, 2018, through September 27, 2018; from 7 a.m. to 5 p.m. The inspection will require a small marine vessel with diver to navigate near the navigable channel. The small vessel will remain outside the navigable channel and may be reached on VHF-FM channels 13 and 16. Mariners should remain vigilant and use caution when transiting the area.

Chart 12313

LNM: 39/18

PA – NJ – DELAWARE RIVER – DELAIR MEMORIAL RAILROAD BRIDGE – TEMPORARY DEVIATION

The Coast Guard has issued a temporary deviation authorizing the DELAIR Memorial Railroad Bridge over the Delaware River, mile 104.6, in Delair, NJ, to be remotely operated from the Conrail South Jersey dispatch center in Mount Laurel, NJ, from 8 a.m. on April 19, 2018, to 7:59 a.m. on October 16, 2018. This deviation will test the remote operation system of the drawbridge to determine whether the bridge can be safely operated from a remote location.

The remote operation system of the bridge incorporates a dedicated telephone line (856) 231-2301 for bridge operations, a push-to-talk (PTT) opening signal of 5 clicks on VHF-FM channel 13, and an automated identification system (AIS) transmitter to provide real-time bridge status. AIS bridge status is provided via the name transmitted by the private aids to navigation as: DELAIR BRG-OPEN (fully open and locked position, channel light green), DELAIR BRG-CLOSED (other than fully open, not inoperative), or DELAIR BRG-INOP (other than fully open, inoperative). The AIS transmitter is assigned maritime mobile service identity (MMSI) number 993663001 and has been installed on the New Jersey side of the bridge at the bridge and land intersection in approximate position 39 degrees, 58 minutes, 50.52 seconds North (39.9807 N), 75 degrees, 03 minutes, 58.75 seconds West (-75.06632 W).

The Coast Guard is encouraging public participation and requesting comments concerning this temporary (test) deviation. Comments and related material must reach the Coast Guard on or before August 17, 2018. Please access the Federal eRulemaking Portal at <http://www.regulations.gov> to view docket number USCG-2016-0257 for additional details and to provide comments concerning this temporary (test) deviation.

Chart 12314

LNM: 16/18

NJ- DELAWARE RIVER – PHILADELPHIA TO TRENTON - TACONY-PALMYRA BRIDGE – REPAIR

An engineering firm, on behalf of the Burlington County Bridge Commission, will be repairing the fender system on the SR 73 (Tacony-Palmyra) Bridge across the Delaware River, mile 107.2, in between Tacony, PA, and Palmyra, NJ. The repairs will be conducted from September 17, 2018, to November 23, 2018, Monday through Friday, from 7 a.m. to 3:30 p.m. A crane barge will be located south of pier F, outside of the navigation channel. The Project Foreman can be reached at (215) 421-2880 or VHF/FM Ch. 13. Mariners are urged to use caution when transiting the area.

Chart 12314

LNM: 38/18

DE – PA – NJ – DELAWARE RIVER – NORTH OF PEA PATCH ISLAND – OUTFALL CONSTRUCTION

Weeks Marine will be constructing an outfall on the western side of the Delaware River approximately 0.25NM north and 1.15NM west of Pea Patch Island. Work will include the new installation of HDD outfall pipe to tie into the existing outfall on land, the new outfall line will be a 3000' LF string launched into water and positioned at the HDD exit location to be pulled back. Pipe will be flooded and sunk once in position. After completion of the new outfall line a 140' Diffuser will be installed on the end of the outfall on the seabed. Demolition of the existing pier and outfall will take place after the new outfall is in operation. Work will be ongoing from 10 Sep to 31 Oct 2018. Contact Joseph Vaughan at 908-351-3751 for questions.

Chart 12311

LNM: 35/18

DE – INDIAN RIVER – OFFSHORE – SKIPJACK WIND ENERGY AREA – SURVEY OPERATIONS

UPDATED VESSEL INFORMATION. Oceaneering on behalf of Deep Water Wind will be conducting surveys in the Skipjack Wind Energy Area, which is located approximately 20 NM southeast of the mouth of the Delaware Bay and 15 NM east of the Indian River and proposed cable routes from

DE – INDIAN RIVER – OFFSHORE – SKIPJACK WIND ENERGY AREA – SURVEY OPERATIONS

the area to Rehoboth Beach, Fenwick and Assateague Islands. The vessels SAMANTHA MILLER and SEACOR SUPPORTER will in in the area from 19 Jul to 30 Nov 2018 and may be contacted on VHF-FM channel 16. For more information, mariners may visit Deep Water Wind web site www.dwwind.com/information-for-mariners of contact John Okeeffe at 401-868-4228.

Chart 12214

LNM: 30/18

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET - OCEAN CITY INLET – SR-90 BRIDGE

Mariners are advised that an engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections of the SR 90 Bridge across the St Martin River, near Isle of Wight, MD and SR 90 Bridge across Assawoman Bay, at mile 22.5, near Fenwick Island, MD. The inspections will be conducted from September 10, 2018, to October 26, 2018, from 8 a.m. to 5 p.m. A small boat will be utilized during the inspections. Inspection personnel and equipment will be operating in proximity to the navigable channels, but do not anticipate any disruption to marine traffic and will relocate to facilitate passage of marine traffic. Mariners should use extreme caution when transiting the areas.

Chart 12211

LNM: 39/18

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET - OCEAN CITY INLET – US 50 BRIDGE

Mariners are advised that an engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections of the US 50 Bridge across Assawoman Bay, mile 36.8, at Ocean City, MD. The inspections will be conducted from September 10, 2018, to October 26, 2018, from 8 a.m. to 5 p.m. A small boat will be utilized during the inspections. Inspection personnel and equipment will be operating in proximity to the navigable channels, but do not anticipate any disruption to marine traffic and will relocate to facilitate passage of marine traffic. Mariners should use extreme caution when transiting the areas.

Chart 12211

LNM: 39/18

******MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – ISLE OF WIGHT BAY - ASSAWOMAN BAY - MARTINS RIVER******

Engineering consultants, on behalf of Maryland State Highway Administration, will be performing biennial inspections from October 2 to October 25, 2018; Monday through Friday, from 9 a.m. to 3 p.m., at the following bridge structures near Ocean City, MD: US 90 Bridge, at mile 5.0, across Assawoman Bay; and US 90 Bridge, at mile 5.1, across St Martins River

The inspection will be conducted from a snooper truck mounted on the bridge deck. Inspection personnel and equipment will be in proximity to the navigable channel when operating the inspection bucket; however, inspection crews do not anticipate any disruption to marine traffic and will relocate from the navigable channel upon request for passage from waterborne vessels. Mariners are advised to exercise caution when transiting the area.

Chart 12211

LNM: 40/18

******MD – CHESAPEAKE BAY - WICOMICO RIVER - MAIN STREET BRIDGE – CLOSED TO NAVIGATION******

The Maryland Department of Transportation State Highway Administration, who owns and operates the Main Street Bridge across the Wicomico River (North Prong), mile 22.4, at Salisbury, MD, has requested a temporary deviation from the current operating regulation for the cleaning and painting of the bridge. Under this temporary deviation, the bridge will remain in the closed-to-navigation position from 6 a.m. on October 5, 2018, through 6 a.m. on December 31, 2018. This deviation allows the bridge to remain in the closed-to-navigation position and open on signal if at least 24 hours' notice is given. The drawbridge is a double bascule bridge with a vertical clearance in the closed-to-navigation position of 1 foot above mean high water. Mariners can request an opening by calling (410) 430-7461. Mariners should use caution when transiting the area.

Chart 12261

LNM: 40/18

******MD – CHESAPEAKE BAY – COVE POINT TO TAYLORS ISLAND – CABLE LAYING OPERATIONS******

Cable laying operations are scheduled to occur in the Chesapeake Bay, crossing the Chesapeake Bay from Cove Point, MD to Taylors Island, MD, to begin during the week of August 13, 2018. Once on site, work during the first week will occur from 7 a.m. to 5 p.m., then starting the week of August 20, 2018, work hours will be extended to 24 hour/day until the navigation channel is cleared. The project is expected to take three weeks, and will start and finish at the following coordinates:

Cove Point: Latitude: 38°23'15.576" N., Longitude: 076°22'35.940" W.

Taylor Island: Latitude: 38°27'05.076" N., Longitude: 076°19'10.632" W.

The cable laying operations will be conducted utilizing the cable jet sled method, and propulsion for the lay barge will be by pulling anchor. Pulling will be conducted in 3,500-foot increments. Diving operations are anticipated during this activity. All equipment will be provided with the normal navigational devices consistent with regulatory directives indicating to any potential traffic to remain clear of divers. The equipment will be present at night in the area and spudded in place, and will lighted in accordance with USCG navigation rules and regulations. Additionally, for night operations, the barge deck will be completed illuminated. The work is not expected to impede the entire navigation during any of the planned work operations with diving operations ongoing. Mariners are urged to proceed with caution while transiting this area, and operate at a safe speed that minimizes wake within 500 feet of the work site. Interested mariners can contact the Crofton Diving Corporation lead towing vessel "BUNNY C" via marine band radio VHF-FM channels 13 and 16.

Chart 12264

LNM: 32/18

******MD – HERRING BAY - ROCKHOLD CREEK - DREDGING******

Dissen and Juhn Company will be conducting dredging in Rockhold Creek from 8 Oct to 23 Nov 2018. A 120' barge and the tug CONSRTUCTOR will be on scene and may be contacted on VHF-FM channel 13. Contact Mark Dissen for questions or more information at 410-384-7756.

Chart 12270

LNM: 40/18

******MD – CHESAPEAKE BAY - BROADWATER CREEK - PASTURE CREEK - CARRS CREEK CHANNELS – DREDGING******

Lindstrom Excavating Contractors will be conducting dredging operations in Broadwater, Pasture and Carrs Creeks from 16 Oct 2018 to 15 Feb 2019. A barge with an excavator and hopper barges will be in the area. For more information or question please contact Mike Branham, Project Foreman at 410-708-3528.

******MD – CHESAPEAKE BAY - BROADWATER CREEK - PASTURE CREEK - CARRS CREEK CHANNELS – DREDGING******

Chart 12270

LNM: 40/18

******MD – CHESAPEAKE BAY – EASTERN BAY AND SOUTH RIVER – US 50/302/WILLIAM PRESTON BRIDGE******

Mariners are advised that an engineering firm, on behalf of the Maryland Transportation Authority, will be performing underwater inspections and hydrographic surveys of the US 50/301 (William Preston Lane Jr. Memorial) Bridge across Chesapeake Bay, mile 138.1, at Annapolis, MD. The underwater inspections will be conducted from October 8, 2018, to March 1, 2019, from 7 a.m. to 4 p.m. A 25ft dive boat will be utilized during the inspections and will be moored to the bridge pier and fender system during dive operations. Mariners should use extreme caution when transiting the areas.

Chart 12270

LNM: 39/18

******MD – CHESTER RIVER – KENT NARROWS – DREDGING******

Croman Kososing will be conducting dredging operations on behalf of Queen Anne's County commencing on or about 8 October 2018 near the intersection of the Chester River and Kent Island Narrows at the Kent Narrows Federal Channel. 38° 59' 13.3769" N, 076° 14' 45.8422" W. Loaded scows will be towed from this location to the Unloader Barge at 39° 02' 19.5301" N, 076° 15' 11.0551" W for offloading on a daily basis through a 16" submerged HDPE pipeline on the sea bottom from the Unloading Barge to the placement area at East Neck Island, located at 39° 02' 12.9246" N, 076° 14' 27.9343" W. The Dredge CKC 2400 will be dredging the area with the assistance of a Tender Tug, a Towing Tug, and two scows. A spud barge will be secured in the Kent Narrows Federal Channel, in the vicinity of 38° 59' 13.3769" N, 076° 14' 45.8422" W. All vessels and crew will monitor VHF channels 13 and 7 during the project execution. Dredging and unloading operations will continue daily until the approximately 20 November 2018. Contact David Horne at 443-891-5625 for more information.

Chart 12270

LNM: 40/18

******MD – CHESAPEAKE BAY – SEVERN RIVER – SPA CREEK – ANNAPOLIS HARBOR – MARINE CONSTRUCTION OPERATION******

Annapolis Boat Shows, Inc. will conduct in-water operations in support of the annual United States Sailboat and United States Powerboat Shows in Annapolis Harbor at Annapolis, MD during September 26-October 18, 2018. Temporary pilings, floating docks and submerged electrical cables will be installed in the northwestern area of Annapolis Harbor. To support the Annapolis Harbor in-water operations, four long tows will occur across the Severn River during the following dates in 2018: (a) September 4-10; (b) September 29-October 3; (c) October 15-17; and (d) October 22-31. During these periods, mariners are urged to use extreme caution when transiting the area, and to operate vessels at a reduced speed that allows a safe course and minimizes wake near the towing operations. Information regarding special anchoring restrictions in Annapolis Harbor in the event of severe weather during this period should be directed to the Annapolis City Harbormaster's Office on VHF-FM channel 71 or telephone (410) 263-7973.

Chart 12283

LNM: 35/18

******MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – BALTIMORE HARBOR – BALTIMORE AIR SHOW
TEMPORARY BUOYS******

On or about October 3, 2018 until about October 8, 2018, the Maryland Department of Natural Resources will establish fourteen temporary marker buoys to support the Baltimore Air Show. Eleven of the buoys will be Information and Regulatory Markers, white cans with orange crossed diamonds that are marked "restricted." These marker buoys are intended to assist mariners identify the boundaries of the aerobatics show box, which requires the Coast Guard Patrol Commander's permission for entry. The other three marker buoys are 52-inch inflatable orange balls, which are intended to assist air show performers as reference points within the aerobatics show box. None of these marker buoys will be lit at night.

Baltimore Air Show Exclusion Buoy A 39-14-55N, 076-33-50W

Baltimore Air Show Exclusion Buoy B 39-14-58N, 076-34-08W

Baltimore Air Show Exclusion Buoy C 39-15-15N, 076-35-49W

Baltimore Air Show Exclusion Buoy D 39-15-22N, 076-36-00W

Baltimore Air Show Exclusion Buoy E 39-15-38N, 076-35-19W

Baltimore Air Show Exclusion Buoy F 39-15-32N, 076-34-46W

Baltimore Air Show Exclusion Buoy G 39-15-28N, 076-34-21W

Baltimore Air Show Exclusion Buoy H 39-15-25N, 076-34-08W

Baltimore Air Show Exclusion Buoy I 39-15-21N, 076-33-41W

Baltimore Air Show Exclusion Buoy J 39-15-09N, 076-33-28W

Baltimore Air Show Exclusion Buoy K 39-14-57N, 076-33-31W

Baltimore Air Show Center Marker Buoy A 39-15-26N, 076-34-41W

Baltimore Air Show Left Marker Buoy A 39-15-23N, 076-34-22W

Baltimore Air Show Right Marker Buoy A 39-15-29N, 076-35-00W

For more information about the event's vessel regulations, allowed spectator locations, and information for contacting the Coast Guard Patrol Commander during the air show, please visit the "Summary of Marine Events and Fireworks Displays" section later in this publication, and read the article titled "MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – BALTIMORE HARBOR – Regulated Area."

Chart 12281

LNM: 36/18

******DC – POTOMAC RIVER – BRIDGE REPLACEMENT******

All interested parties are notified that an application dated July 5, 2018, has been received from the National Park Service (NPS) by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of an existing highway drawbridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Potomac River, mile 110, at Washington, DC

CHARACTER OF WORK: The proposed project includes the replacement of the 216 foot steel draw span, which has been permanently secured in the closed position since 1965, with a fixed span; repairs to the deteriorated portions of the abutment, piers and concrete arch spans; replacement of the concrete bridge deck; resurfacing of the travel lanes; replacement of the concrete sidewalks and refitting of granite panels; restoration of the bridge drainage system; and other minor nonstructural bridge improvement. The purpose of this project is to rehabilitate the Arlington Memorial Bridge to restore the structural integrity of the bridge while protecting and preserving, to the extent feasible, its memorial

******DC – POTOMAC RIVER – BRIDGE REPLACEMENT******

character and significant design elements.

The existing drawbridge has a horizontal clearance of 142 feet and a vertical clearance of 30 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The new bridge will be a fixed bridge with a horizontal clearance of 142 feet and a vertical clearance of 30 feet above mean high water.

A copy of Public Notice D05PN-11-2018, which describes the proposal in detail, can be obtained by calling (757) 398-6587 or by viewing at <https://www.navcen.uscg.gov/?pageName=prnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than October 23, 2018.

Chart 12285

LNM: 39/18

******MD – VA - POTOMAC RIVER - PINEY POINT TO LOWER CEDAR POINT – HARRY W. NICE BRIDGE******

An engineering firm, on behalf of the Maryland Transportation Authority, will be performing underwater inspections and hydrographic surveys of the US 301 (Harry W Nice Memorial) Bridge across the Potomac River, mile 50.0, at Newburg, MD. The underwater inspections will be conducted from October 8, 2018, to March 1, 2019, from 7 a.m. to 4 p.m. A 25ft dive boat will be utilized during the inspections and will be moored to the bridge pier and fender system during dive operations. Mariners should use extreme caution when transiting the areas.

Chart 12286

LNM: 39/18

******VA – MD – CHESAPEAKE BAY – BALTIMORE HARBOR – ELIZABETH RIVER - TOWING EVOLUTION******

A floating dry dock will be towed on the Patapsco River, Chesapeake Bay and Elizabeth River during October 8-9, 2018. The tow of the ex-USS Oak Ridge (ARDM-1), 536 feet in length and 81 feet in width, will depart its current berth at the U.S. Coast Guard Yard at Baltimore, MD at 8 a.m. on Monday, October 8th, proceed outbound Curtis Creek, Curtis Bay and the Patapsco River, and south on the Chesapeake Bay, to arrive in the Elizabeth River-Western Branch at Portsmouth, VA at 1 p.m. on Tuesday, October 9th. An assist towing vessel will accompany the lead towing vessel. Interested mariners may contact the primary towing vessel BRUCE A. MCALLISTER on VHF-FM channel 16 or 13. For any questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2519 or (410) 576-2693.

Charts: 12221 12225 12230 12245 12253 12263 12278 12281

LNM: 40/18

******MD – VA – CHESAPEAKE BAY – POTOMAC RIVER – OVERSIZED TOW******

A Boeing 747 (B747) aircraft is scheduled to be towed from Quonset Point, RI to National Harbor, MD. The tow is expected to depart on or about September 27, 2018, from waters adjacent to Quonset State Airport, proceeding south along an intended coastwise route that includes entering the Chesapeake Bay, via Cape Henry, VA, and then northward to and into the Potomac River to National Harbor, MD. The tow is expected to arrive on or about October 1, 2018, weather permitting. Should weather preclude beginning the tow, it will be rescheduled each day thereafter until a suitable weather window is forecast. The tow will be accompanied by an assist towing vessel ISLAND TRADER during the entire transit. Mariners are urged to use extreme caution when transiting in the vicinity of the lead towing vessel SEA CRESCENT while it is engaged in towing the barge carrying the B747, and remain well clear of the SEA CRESCENT, its barge, and the ISLAND TRADER. Interested mariners may contact the SEA CRESCENT on VHF-FM channel 16 or 13. For any questions or concerns, contact Coast Guard Sector Maryland-National Capital Region at (410) 576-2693.

Charts: 12280 12285

LNM: 38/18

******VA – FENWICK ISLAND TO CHINCOTEAGUE INLET - CHINCOTEAGUE CHANNEL – DREDGING******

USACE Dredge MURDEN will commence dredging operations in Chincoteague Channel on 27 Sep running for 12 days thru 8 Oct 2018. Normal hours for dredging will be 6:00 am to 6:00 pm. MURDEN is a 156' hopper dredge and can be reached on VHF channels 13 & 16. Primary locations for dredging operations are between Chincoteague Channel Lighted Buoy 27 (LLNR 5392) & Lighted Buoy 29 (LLNR 5400) near CG Station Chincoteague and Chincoteague Channel Lighted Buoy 11 (LLNR 5315) and Lighted Buoy 11A (LLNR 5320). MURDEN will be making regular runs to the offshore placement area for sand disposal.

Chart 12211

LNM: 40/18

******VA – CHESAPEAKE BAY SOUTHERN APPROACH – BOTTOM SAMPLING******

North Star Marine jackup vessel VISION will be conducting bottom sampling in the Two Way Deep Water Route in the Chesapeake Bay Southern Approach. Operations will continue until approximately 22 Oct 2018. Sampling will be conducted from Chesapeake Bay Southern Approach Lighted Buoy 1 (LLNR 415) to Chesapeake Bay Southern Approach Lighted Buoy 10 (LLNR 460). The VISOON will be operating off Rudee Inlet also. Daylight operation 7 days a week, the vessel will be remaining on site throughout the night in an elevated mode, clear of the water. VISION will monitor VHF-FM channels 16 and 13. For questions or more information contact Herman Bechtler at 609-675-5384 at Northstar Marine, Inc.

Chart 12208

LNM: 38/18

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

Joint Expeditionary Base Little Creek Fort Story (JEBLCFS) Military Operations will be conducted in the following areas during the dates and times listed. Operations may consist of swimmers in the water, small boat operations, parachute drops, helicopter airdrops and recovery, blank firing, UAV ops:

Naval Anchorage A, 24 Sep thru 5 Oct, 7:30 am to Midnight each day.

Naval Anchorages C & D, 24 Sep thru 12 Oct, 8:00 am to 11:00 pm each day.

Naval Anchorage D, 1 Oct to 12 Oct, 9:00 am to Midnight each day.

Fort Story Restricted Area, Utah Beach 2, 2 Oct to 4 Oct, 7:00 am to Noon.

Naval Anchorage A, 2 Oct, 9:00 am to 4:00pm.

Naval Anchorage D, 3 Oct, 7:30 am to Noon.

Naval Anchorage D, 9 Oct THRU 12 Oct, 9:00 am to Midnight each day.

For questions or concerns about these operations, you may contact Range Operations and Training Area, Mr. Assaf or Ms. Lawrence at 757-422-7103/7101.

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

Charts: 12222 12254

LNM: 01/17

******VA – NORFOLK HARBOR AND ELIZABETH RIVER – CHURCHLAND BRIDGE******

All interested parties are notified that an application dated July 17, 2018, has been received from the City of Portsmouth by the Commander, Fifth Coast Guard District, for approval of the location and plans for construction of a replacement highway fixed bridge and improvement of an existing bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Western Branch of the Elizabeth River, mile 1.72, U.S. Route 17 (Churchland) Bridge at Portsmouth, VA.

CHARACTER OF WORK: The proposed Churchland Bridge project is to replace the northbound structure with a multi-span continuous structure with spliced concrete girders. The new northbound structure will provide for two 12-foot vehicle lanes, 4-foot wide inside shoulder, 8-foot wide outside shoulder, and a 14-foot wide multi-use path separated from the vehicle lanes by a safety barrier. Minor improvements and upgrades will be completed to improve the condition of the fixed southbound structure. The existing northbound structure will be removed in its entirety and the southbound structure will remain in place. The purpose of the project is to maintain the safety of the travelling public and replace a bridge design that is no longer considered acceptable, eliminating the need for increasingly costly bridge repairs and avoiding potential vehicular traffic disruption and delays.

The existing fixed bridge has a horizontal clearance of 98 feet and a vertical clearance of 37 feet above mean high water. The replacement bridge will be a fixed bridge with a horizontal clearance of 80 feet and a vertical clearance of 37 feet above mean high water.

A copy of Public Notice D05PN-10-2018, which describes the proposal in detail, can be obtained by calling (757) 398-6587 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than October 29, 2018.

Chart 12253

LNM: 39/18

******VA - SOUTHERN BRANCH OF ELIZABETH RIVER - MILITARY EXERCISE******

A harbor security exercise for Norfolk Naval Shipyard Harbor Patrol Unit will be conducted on the Elizabeth River in approximate position 36-826, 76-292W on 10 and 11 October 2018, during the hours of 8:00 am to 2:00 pm. Vessels from Norfolk Naval Shipyard Harbor Patrol Unit will take part in the exercise. VHF-FM channels 82 primary and 69 secondary will be monitored on scene and you may contact Erik Wagner at 757-438-3821 for question or concerns.

Chart 12253

LNM: 40/18

******VA – SOUTHERN BRANCH OF ELIZABETH RIVER – I-64 BRIDGE – PUBLIC NOTICE******

All interested parties are notified that an application dated August 28, 2018, has been received from the Virginia Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Southern Branch of the Elizabeth River, mile 7.1, at Chesapeake, VA

CHARACTER OF WORK: The proposed project is to build a new fixed bridge structure adjacent to the existing drawbridge structure currently carrying Interstate 64 (I-64) across the Southern Branch of the Elizabeth River. The new 36-span fixed structure, supported by pre-stressed concrete girders, will be located to the south of the existing I-64 High Rise Bridge. Upon project completion, the new fixed bridge structure will carry I-64 traffic toward Virginia Beach and the existing drawbridge structure will carry I-64 traffic toward Suffolk, across the Southern Branch of the Elizabeth River. The purpose of this project is to enhance capacity, improve vehicular safety, and improve the ability of the I-64 corridor to function as an emergency evacuation route, while addressing deficiencies of the existing I-64 High Rise Bridge.

The existing drawbridge structure has a horizontal clearance of 125 feet and a vertical clearance of 65 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The new fixed bridge structure will provide a horizontal clearance of 125 feet and a vertical clearance of 100 feet above mean high water.

A copy of Public Notice D05PN-06-2018, which describes the proposal in detail, can be obtained by calling (757) 398-6227 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than October 26, 2018.

Chart 12253

LNM: 37/18

******VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER - US 3/ROBERT O. NORRIS BRIDGE******

Mariners are advised that an engineering firm, on behalf of the Virginia Department of Transportation will be performing an inspection at the US 3 (Robert O. Norris) Bridge, at mile 8.3, over the Rappahannock River, in Whitestone, Virginia. The inspection will be conducted between October 1, 2018 and November 2, 2018; from 9 a.m. to 3 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 757-288-2963, and the marine vessel may be reached on VHF-FM channels 13 and 16. The inspection will require a bucket boat and a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area.

Chart 12235

LNM: 39/18

******VA – VIRGINIA BEACH – SANDBRIDGE BEACH – OFFSHORE – BOTTOM SAMPLING******

North Star Marine jackup vessel VISION will be conducting bottom sampling off Sandbridge Beach approximately 6 NM south east of Rudee Inlet. Operations will continue until approximately 22 Oct 2018. The following are the coordinates of the corners of the operating area.

NW Corner, 36°46'27.95N - 075°53'19.12W

NE Corner, 36°46'27.95N - 075°50'43.78W

SW Corner, 36°45'42.17N - 075°52'52.88W

SE Corner, 36°45'17.95N - 075°50'05.91W

Daylight operation 7 days a week, the vessel will be remaining on site throughout the night in an elevated mode, clear of the water. VISION will monitor VHF-FM channels 16 and 13. For questions or more information contact Herman Bechtler at 609-675-5384 at Northstar Marine, Inc.

Chart 12207

LNM: 33/18

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

Construction activities for the replacement bridge are ongoing and are expected to finish on August 30, 2019. Work will be conducted 24-hours per day, seven days a week. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new bridge. 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. In addition, construction activities for the replacement bridge immediately adjacent to the current navigation channel are scheduled to begin on July 24, 2017 and continue until December 31, 2017. 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 - ATLANTIC INTRACOASTAL WATERWAY - MOREHEAD CITY HARBOR - SR 1184/ATLANTIC BEACH BRIDGE – MAINTENANCE******

An engineering firm, on behalf of North Carolina Department of Transportation, will be performing maintenance SR 1184 (Atlantic Beach Bridge) bridge, over the Atlantic Intracoastal Waterway (AIWW), Bogue Sound, at mile 206.7, between Morehead City, NC and Atlantic Beach, NC. The maintenance will be conducted from 7 a.m. to 7 p.m.; Monday-Saturday; October 8, 2018, through March 15, 2019. A crane barge, a material barge, several tugs, several work vessels and work platforms will be located in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (703) 855-8519 or (910) 859-9403. Mariners should notify the work foreman no less than thirty minutes prior to transiting through the bridge. Mariners should use extreme caution navigating through the area.

Chart 11547

LNM: 40/18

******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.

Hancock Creek north of Cahoogue Creek, the Neuse River located at the mouth of Hancock Creek, Restricted Area/Danger Zone 334.430.

SUNUP TO SUNSET: 01 OCT 18 - 15 OCT 18, MONDAY THROUGH FRIDAY, RIFLE RANGE TRAINING.

Piney Island and Brandt Island, Danger Zone 334.420:

8:00 - Midnight: 01 OCT 18 - 15 OCT 18, AVIATION RANGE TRAINING.

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

Charts: 11548 11552

LNM: 51/17

******NC - NEW RIVER - FIRING EXERCISES******

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

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

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

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

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.

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

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	
5970	Virginia Inside Passage Daybeacon 115						Remove from list.	40/18
							*	
6200	Virginia Inside Passage Warning Daybeacon						Remove from list.	40/18
							*	
31795	CHOWAN RIVER LIGHT 3	36-05-49.350N 076-43-28.606W	Fl G 4s	19	4	SG on multi-pile structure.		40/18
							*	
39545	NEW RIVER - CAPE FEAR RIVER LIGHT 98	34-21-42.504N 077-40-12.894W	FIR 4s	18	4	TR-TY on pile.		40/18
							*	

ENCLOSURES**Enclosures**

1. Summary of Shoaling.
 2. Summary of Bridge Regulations/Construction/Permits.
 3. Summary of Dredging and Construction.
 4. Summary of Marine Events.
-
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SUMMARY OF SHOALING REPORTED IN THE FIFTH COAST GUARD DISTRICT

NEW JERSEY SHOALING

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. Mariners are advised to proceed with caution when transiting the area.

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- 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 – REHOBOTH BAY – INDIAN RIVER – BAKERS CHANNEL – SHOALING

The 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.

Mariners are advised to transit that area with caution. Ref LNM 26/17

Chart 12216

MARYLAND SHOALING

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

A Maryland Department of Natural Resources Bathymetric Survey conducted in Nov 2017 has identified shoaling midway between Ocean City Inlet Lighted Buoy 8 (LLNR 4745) and Lighted Buoy 10 (LLNR 4750) to a depth of less than five feet at MLLW and extending approximately 150 feet into the channel. A second area of severe shoaling has been identified between Ocean City Lighted 11 (LLNR 4755) and Lighted Buoy 12 (LLNR 4757) to a depth of less than seven feet at MLLW.

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 three feet. Shoaling between Sinepuxent Bay Channel Buoy 6 (LLNR 5015) to Sinepuxent Bay Channel Buoy (LLNR 5017), water depth of four and one half feet. 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 – 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 Light 1 (LL 16760) to 500 feet up the channel of St. George Creek West Channel Daybeacon 3 (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 – UPPER POTOMAC RIVER – NEABSCO CREEK – SHOALING

Severe shoaling is reported inside the channel boundaries of Neabsco Creek. Shoaling extends 50 yards into the channel from Neabsco Creek Daybeacon 1 (LLNR 18231) and Neabsco Creek Light 2 (LLNR 18232) depths of 3 to 4 ft at MLW. Additional shoaling between Neabsco Creek Buoy 3 (LLNR 18233) and Neabsco Creek Buoy 4 (LLNR 18234) positions has been observed to a depth less than 3 ft at MLW. LNM 11/18, MD BNM 231-18
Chart 12289

MD - CHESAPEAKE BAY - TANGIER SOUND - NORTHERN PART - RHODES POINT GUT CHANNEL

A report of shoaling in Rhodes Point gut channel between Rhodes Point Gut Channel Buoy 3 (LLNR 23000) and Rhodes Point Gut Channel Buoy 5 (LLNR 23005), to a depth of less than six feet at mean low water. Depth is reading approx one and a half feet. Ref MD BNM 278-16
Chart 12228

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 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

MD - CHESAPEAKE BAY – LITTLE CHOPTANK RIVER - SLAUGHTER CREEK - SHOALING

Shoals on the western portion of Slaughter Creek in the vicinity of Holland Point have slowly encroached easterly in most of the federally marked 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 Daybeacon 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 Daybeacon 4 (LLNR 24595) and Tar Bay Channel Daybeacon 8 (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.

MD – CHESAPEAKE BAY – ROCKHOLD CREEK – SHOALING

The Coast Guard has identified shoaling in the Rockhold Creek Channel boundaries near position 38-46.0N, 076-33.25W, approximately 70 yards east of Rockhold Creek Jetty Light 2 (LLNR 19400) to a depth of less than three feet at MLLW. Shoaling extends from the north to beyond mid-channel. Mariners are urged to use caution when transiting the area.
Chart 12270

MD – CHESAPEAKE BAY - ROCK HALL HARBOR – SHOALING

The MD DNR Survey of Rock Hall Harbor Entrance, dated April 21, 2017 indicates shoaling across the marked channel from Rock Hall Harbor Entrance Buoy 1 (LLNR 26890) to Rock Hall Harbor Light 5 (LLNR 26900). Least depths range to 6.9 feet to 4.8 feet MLLW.
Chart 12272, 12278

MD – UPPER CHESAPEAKE CHANNEL – SHOALING

A USACE Survey conducted on 11 May 2017 has identified shoaling to a depth of less than 34 feet at MLLW within the eastern one-quarter of the navigation channel extending northeast of Upper Chesapeake Channel Lighted Buoy 37 (LLNR 8635). MD BNM 175-17, Ref LNM 25/17 Chart 12273

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 between Bonum Creek Light 2B (LLNR 16880), Bonum Creek Channel Daybeacon 3 (LLNR 16885) and Bonum Creek Buoy 3A (LLNR 16887). MD-NCR BNM 149-17. Chart 12286

VIRGINIA SHOALING

VA – NANDUA CREEK

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

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

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

VA – VIRGINIA INSIDE PASSAGE (VIP)

VIP 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 – CAPE HENRY TO THIMBLE SHOAL LIGHT – LYNNHAVEN INLET – SHOALING

Shoaling has been observed in Lynnhaven Basin and connected tributaries, south of Lesner Bridge. Depths of 0-3 feet have been reported from Pleasure House Creek eastbound to Long Creek Daybeacon 10 (LLNR 10170), in Crab Creek, Lynnhaven Inlet, Long Creek and at Great Neck Point. Depths of 3-5.9 feet have been reported east of Long Creek Daybeacon 10 to the entrance of Broad Bay. Navigation of the area requires extreme caution due to shoaling and the shifting nature of these shoals because of weather and tidal currents. HR BNM 407-18 Chart 12254

VA – NEWPORT NEWS TO JAMESTOWN ISLAND – BENNETT CREEK – SHOALING

Significant shoaling has been located in Bennett Creek on the red side of channel between Bennett Creek Daybeacon 2 (LLNR 11047) and Bennett Creek Daybeacon 4 (LLNR 11050) in position 36 53.043N, 076 28.873W. Observed depth was .7 feet at (MLW). Significant shoaling also is present IVO Bennett Creek Buoy 5 (LLNR 11055) position. Bennett Creek Buoy 5 (LLNR 11055) is missing and has not been reestablished due to lack of water depth. HR BNM 215-17, LNM 28/17 Chart 12248

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 Army Corps of Engineers, Norfolk District, 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 – CHESAPEAKE BAY – LYNNHAVEN INLET – LONG CREEK CHANNEL

Shoaling to 2.4 feet has been reported in Long Creek Channel east of Long Creek Channel Day beacon 7 (LLNR 10167) in the vicinity of Pleasure House Point. HR BNM 293-14 Chart 12254

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 of the channel begins 100 yards south of Davis Creek Channel Light 2 (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 Channel Light 6 (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 Army Corps of Engineers 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 - 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 Daybeacon 3 (LLNR 16885), Bonum Creek Daybeacon 4 (LLNR 16890), and Bonum Creek Daybeacon 5 (LLNR 16895). Due to extensive shoaling off Sandy Point Neck, the channel width has been reduced to approx 20ft between Bonum Creek Daybeacons 3 and 4. Mariners are urged to use caution when transiting the area.
Chart 12286

VA – UPPER POTOMAC RIVER – POTOMAC CREEK – SHOALING

There has been a report of severe shoaling 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 in the vicinity of Potomac Creek Buoy 5 (LLNR 17930) and Potomac Creek Buoy 6 (LLNR 17935) positions has been observed to a depth less than 3 feet at MLW. Ref LNM 14/18
Chart 12288

******VA – RUDEE INLET – SHOALING******

The City of Virginia Beach Survey dated 27 Sep 2018 indicates shoaling from the ends of the jetties out eastward approximately 230' across the channel with depths from 9.9' MLLW to 7.1' MLLW. The shoaling on the inside of the North Jetty remains; least depth 9.1'.
Chart 12205

NORTH CAROLINA SHOALING

NC – CAPE HENRY TO CURRITUCK BEACH LIGHT - CURRITUCK SOUND – FERRY CHANNEL – SHOALING

Shoaling has been reported between Currituck and Knott's Island in the ferry route, reducing the width of the ferry channel. Mariners are advised to proceed with caution while transiting the area. NC BNM 754-16, Ref LNM 01/17
Charts 12207, 12205

NC – PAMLICO SOUND BRANT ISLAND SHOAL – SHOALING

Shoaling to 3 feet has been reported in the area off the southeast tip of the charted shoal in the vicinity of Brant Island Slue in approximate position 35-10.45N, 076-23.05W.
Chart 11548

NC – OREGON INLET – SHOALING

Shoaling has been reported between Oregon Inlet Buoy 4 (LLNR 27990) and Oregon Inlet Lighted Buoy 6 (LLNR 28003) across entire channel to a depth of 4 feet MLW. There is also extensive shoaling around the Bonner Bridge navigation channel near Oregon Inlet Daybeacon 16 (LLNR 28050) and Oregon Inlet Daybeacon 17 (LLNR 28055). NC BNM 259-18
Chart 12204

NC – HATTERAS INLET – SHOALING

Due to severe shoaling Hatteras Inlet Buoy 2A (LLNR 28647), Hatteras Inlet Lighted Buoy 4 (LLNR 28650), Hatteras Inlet Lighted Buoy 5 (LLNR 28653), Hatteras Inlet Lighted 6 (LLNR 28660) no longer mark navigable water. Mariners should not rely on these buoys for navigation. LNM 07/17 Chart 11555, 11520

NC – CAPE HATTERAS – HATTERAS INLET

Shoaling has been reported to 3.5 feet in Hatteras Inlet between Hatteras Inlet Channel Buoy 9 (LLNR 28669) and Hatteras Inlet Channel Buoy 12C (LLNR 28733.2). NC BNM 028-15, LNM 06-15 Chart 11555

NC – CAPE HATTERAS – HATTERAS INLET

Shoaling was found encroaching 40 yards into the channel. Depths of 2-3 at MLW. Shoaling to 2-3 MLW has been observed on the red side of the channel between Hatteras Inlet Channel Lighted Buoy 12 (LLNR 28732) and Hatteras Inlet Channel Lighted Buoy 12A (LLNR 28732.1). NC BNM 321-18 Chart 11555

NC – CAPE HATTERAS – HATTERAS INLET

Shoaling has been reported to 5 feet in vicinity of Hatteras Inlet Channel Lighted Buoy 13A (LLNR 28735.3) and Hatteras Inlet Lighted Buoy 14 (LLNR 28735.6). NC BNM 340-15 Chart 11555

NC – CAPE HATTERS – BARNEY SLOUGH

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. Chart 11555

NC – CAPE HATTERAS – HATTERAS INLET – SOUTH FERRY TERMINAL

Shoaling has been reported to 2.6 feet in South Ferry terminal between South Ferry Terminal Lighted Buoy 1SF (LLNR 28699.1) and South Ferry terminal Light 7 (LLNR 28715). NC BNM 031-16, 069-16

NC – BEAUFORT HARBOR CHANNEL – SHOALING

U.S. Army Corps of Engineers Hydrographic Survey on 06 Aug 2018 revealed significant shoaling in the vicinity of Beaufort Harbor Channel Lighted Buoy 3 (LLNR 34815), mid channel depths as low as 6 feet at MLW have been reported. Mariners should use extreme caution when transiting the area. NC BNM 358-18 Chart 11547

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

Significant shoaling is present in Barden Inlet between Harker's Island and Cape Lookout. The shoal is encroaching the channel from both sides in the area of Barden Inlet Buoy 28 (LLNR 29250), Buoy 30 (LLNR 29253) and Buoy 31 (LLNR 29257). NC BNM 342-17, LNM 29/17 Chart 11545

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

******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 – CORE SOUND – SHOALING

Significant shoaling exists in the vicinity of Core Sound Light 27 (LLNR 34540) to Core Sound Light 24 (LLNR 34520). NC BNM 357-17 & 396-17. Chart 11545

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

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

NC – ICW - NEUSE RIVER TO MYRTLE GROVE - RUSSELL SLOUGH

Shoaling has been reported to 1 foot in vicinity of Russell Slough Day beacon 6A (LLNR 38467) NC BNM 344-15 Chart 11541

NC – ICW - NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE SOUND - NEW RIVER

Shoaling to 3 feet has been reported in the vicinity of Bogue Sound - New River buoys 72A (LLNR 39300), 72B (LLNR 39303) and 74 (LLNR 39305). LNM 06-15 Chart 11541

NC – NEUSE RIVER TO MYRTLE GROVE – BANKS SLOUGH CHANNEL

Shoaling has been reported to 0.5 feet in Banks Slough Channel. NC BNM 658-14 Chart 11541

NC – CAROLINA BEACH INLET - SHOALING

Shoaling has been reported between Carolina Beach Inlet Buoys 4 and 5 across entire channel to a depth of 2 feet MLW. Mariners are advised to use extreme caution while navigating this area. NC BNM 292-18
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

Shoaling has been reported to 2 feet in New River Inlet Channel. NC BNM 003-15
Chart 11542

NC - NEUSE RIVER TO MYRTLE GROVE SOUND – NEW RIVER TO CAPE FEAR RIVER

An area of shoaling has been reported IVO of New River – Cape Fear River Buoy 121 (LLNR 39597) in the AICWW St M 280 near Mason Inlet Crossing. ACOE reported a depth of 2.2ft at MLW. Mariners are urged to use caution when transiting this area. NC BNM 357-16
Chart 11541

NC – INTRACOASTAL WATERWAY - MYRTLE GROVE SOUND TO LITTLE RIVER

Shoaling to 1 foot has been reported in the vicinity of Lockwoods Folly Inlet at Cape Fear River – Littler River Buoy 47 (LLNR 40225). NC BNM 256-16
Chart 11534

******NC – LOCKWOODS FOLLY INLET – SHOALING******

Shoaling is reported across Lockwoods Folly Inlet, depths of 4 - 5 Feet MLW from Lockwoods Folly Inlet Lighted Buoy 1 (LLNR 31010) and Lockwoods Folly Inlet Lighted Buoy 2 (LLNR 31055) to Lockwoods Folly Inlet Buoy 6 (LLNR 31030) and Lockwoods Inlet Buoy 7 (LLNR 31035). NC BNM 394-18
Chart 11534

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.

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)

- **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 both navigation spans. (MT)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **Maryland** –

Potomac River – Governor Harry Nice Memorial Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 2, 2018; 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)

Potomac River -

All interested parties are notified that an application dated July 5, 2018, has been received from the National Park Service (NPS) by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of an existing highway drawbridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Potomac River, mile 110, at Washington, DC

CHARACTER OF WORK: The proposed project includes the replacement of the 216 foot steel draw span, which has been permanently secured in the closed position since 1965, with a fixed span; repairs to the deteriorated portions of the abutment, piers and concrete arch spans; replacement of the concrete bridge deck; resurfacing of the travel lanes; replacement of the concrete sidewalks and refitting of granite panels; restoration of the bridge drainage system; and other minor nonstructural bridge improvement. The purpose of this project is to rehabilitate the Arlington Memorial Bridge to restore the structural integrity of the bridge while protecting and preserving, to the extent feasible, its memorial character and significant design elements.

The existing drawbridge has a horizontal clearance of 142 feet and a vertical clearance of 30 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The new bridge will be a fixed bridge with a horizontal clearance of 142 feet and a vertical clearance of 30 feet above mean high water.

A copy of **Public Notice D05PN-11-2018**, which describes the proposal in detail, can be obtained by calling (757) 398-6587 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than **October 23, 2018**. (MS)

- **Virginia (Northern)**

Potomac River – Governor Harry Nice Memorial Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 2, 2018; 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)

SECTOR HAMPTON ROADS

- **Virginia (Southern)**

Southern Branch of the Elizabeth River (AICW) - I-64 High Rise Bridge

All interested parties are notified that an application dated August 28, 2018, has been received from the Virginia Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Southern Branch of the Elizabeth River, mile 7.1, at Chesapeake, VA

CHARACTER OF WORK: The proposed project is to build a new fixed bridge structure adjacent to the existing drawbridge structure currently carrying Interstate 64 (I-64) across the Southern Branch of the Elizabeth River. The new 36-span fixed structure, supported by pre-stressed concrete girders, will be located to the south of the existing I-64 High Rise Bridge. Upon project completion, the new fixed bridge structure will carry I-64 traffic toward Virginia Beach and the existing drawbridge structure will carry I-64 traffic toward Suffolk, across the Southern Branch of the Elizabeth River. The purpose of this project is to enhance capacity, improve vehicular safety, and improve the ability of the I-64 corridor to function as an emergency evacuation route, while addressing deficiencies of the existing I-64 High Rise Bridge.

The existing drawbridge structure has a horizontal clearance of 125 feet and a vertical clearance of 65 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The new fixed bridge structure will provide a horizontal clearance of 125 feet and a vertical clearance of 100 feet above mean high water.

A copy of **Public Notice D05PN-06-2018**, which describes the proposal in detail, can be obtained by calling (757) 398-6227 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than October 26, 2018. (KB)

Elizabeth River (Western Branch) – US Route 17 (Churchland Street) Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD); vertical clearance of 37 feet above mean high water and a horizontal clearance of 80 feet. (MS)

Western Branch of the Elizabeth River -

All interested parties are notified that an application dated July 17, 2018, has been received from the City of Portsmouth by the Commander, Fifth Coast Guard District, for approval of the location and plans for construction of a replacement highway fixed bridge and improvement of an

existing bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Western Branch of the Elizabeth River, mile 1.72, U.S. Route 17 (Churchland) Bridge at Portsmouth, VA.

CHARACTER OF WORK: The proposed Churchland Bridge project is to replace the northbound structure with a multi-span continuous structure with spliced concrete girders. The new northbound structure will provide for two 12-foot vehicle lanes, 4-foot wide inside shoulder, 8-foot wide outside shoulder, and a 14-foot wide multi-use path separated from the vehicle lanes by a safety barrier. Minor improvements and upgrades will be completed to improve the condition of the fixed southbound structure. The existing northbound structure will be removed in its entirety and the southbound structure will remain in place. The purpose of the project is to maintain the safety of the travelling public and replace a bridge design that is no longer considered acceptable, eliminating the need for increasingly costly bridge repairs and avoiding potential vehicular traffic disruption and delays.

The existing fixed bridge has a horizontal clearance of 98 feet and a vertical clearance of 37 feet above mean high water. The replacement bridge will be a fixed bridge with a horizontal clearance of 80 feet and a vertical clearance of 37 feet above mean high water.

A copy of **Public Notice D05PN-10-2018**, which describes the proposal in detail, can be obtained by calling (757) 398-6587 or by viewing at <https://www.navcen.uscg.gov/?pageName=prBridges>. Comments on this proposal should be forwarded to the address in the notice no later than **October 29, 2018**. (MS)

SECTOR NORTH CAROLINA

- **North Carolina**

Atlantic Intracoastal Waterway – NC 210/50 Bridge, Surf City, NC - proposed 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. (HP)

Perquimans River – US 17 Business Bridge (Hertford, NC) – Replacement swing drawbridge Preliminary Navigation Clearance Determination (PNCD) issued on November 1, 2017; vertical clearance of 33 feet above mean high water and a horizontal clearance of 55 feet. NCDOT preferred alternative would provide a vertical clearance of 12 feet above mean high water in the closed position, unlimited vertical clearance in the open position and a horizontal clearance of 55 feet. (HP)

Regulations:

SECTOR DELAWARE BAY

- **Delaware** – None

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

Delaware River - DELAIR Memorial Railroad Bridge -The Coast Guard has issued a temporary deviation authorizing the DELAIR Memorial Railroad Bridge over the, mile 104.6, in Delair, NJ, to be remotely operated from the Conrail South Jersey dispatch center in Mount Laurel, NJ, from 8 a.m. on April 19, 2018, to 7:59 a.m. on October 16, 2018. This deviation will test the remote operation capability of the drawbridge to determine whether the bridge can be safely operated from a remote location. During the temporary deviation, a bridge tender will be stationed on-site at the bridge and will be able to immediately take local control of the bridge, as required. The remote operation system of the bridge incorporates a dedicated telephone line (856) 231-2301 for bridge operations, a push-to-talk (PTT) opening signal of 5 clicks on VHF-FM channel 13, and an automated identification system (AIS) transmitter to provide real-time bridge status. AIS bridge status is provided via the name transmitted by the private aids to navigation as: DELAIR BRG-OPEN (fully open and locked position, channel light green), DELAIR BRG-CLOSED (other than fully open, not inoperative), or DELAIR BRG-INOP (other than fully open, inoperative). The AIS transmitter is assigned maritime mobile service identity (MMSI) number 993663001 and has been installed on the New Jersey side of the bridge at the bridge and land intersection in approximate position 39 degrees, 58 minutes, 50.52 seconds North (39.9807 N), 75 degrees, 03 minutes, 58.75 seconds West (-75.06632 W). The Coast Guard is encouraging public participation and requesting comments concerning this temporary (test) deviation. Comments and related material must reach the Coast Guard on or before March 2, 2018. Please access the Federal eRulemaking Portal at <http://www.regulations.gov> to view docket number USCG-2016-0257 for additional details and to provide comments concerning this temporary (test) deviation. (HP)

- **Pennsylvania** – None

SECTOR MARYLAND-NATIONAL CAPITAL REGION

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

- **Maryland** – None

SECTOR HAMPTON ROADS

- **Virginia (Southern)** – None

SECTOR NORTH CAROLINA

- **North Carolina** - None

Construction, et al:

SECTOR DELAWARE BAY

- **Delaware**

Chesapeake and Delaware Canal - St Georges Bridge – Bridge maintenance will be conducted between Tuesday, September 04, 2018, and Monday, December 17, 2018; Mon-Fri; from 7 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require a vertical restriction of 4 feet from the south pier to the center of the main span. The northern half of the bridge, including the north half of the main span, will remain unrestricted. A small safety skiff will be operating in and around the main channel and can relocate, if required. Marine Traffic Controllers will help direct traffic under the northern half of the bridge to avoid any concerns. The skiff may be reached on VHF-FM channel 13. The project superintendent can be reached at (703) 731-4460. Mariners should use caution when transiting the area. (MB)

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

Delaware River – Commodore Barry (fixed) Bridge – To facilitate painting, work will continue until 2019. Work platforms will be installed 3 feet beneath the bridge in various locations reducing the vertical clearance to 178 ft. above mean high water at the edge of the navigable channel (187 ft. center of channel). Phase 1 – NJ approach girder and deck truss spans due completion in September 2016. Phase 2 – PA approach girder and deck truss spans, scheduled to commence fall of 2016. Phase 3 – Cantilever truss span, scheduled to commence in 2017 and conclude in 2019. Mariners should exercise caution. (MS)

Great Egg Harbor Bay - Garden State Parkway (northbound and southbound) Bridges – Construction of a new fender system will occur from April 1, 2018, until September 30, 2018, between 7 a.m. and 4 p.m., Monday through Friday. One or more barges will be placed in the navigation span adjacent to the fender system, limiting the horizontal clearance through the navigation span to approximately 90 feet. Vessels may contact the marine superintendent via VHF-FM channels 13, 16 or 9 and (609) 381-9837. Mariners should use extreme caution when transiting the area. (HP)

Great Egg Harbor Bay - Garden State Parkway (Northbound) Bridge - Maintenance will be performed from November 1, 2016, until February 28, 2019, between 7 a.m. and 4 p.m., Monday through Saturday. A second work shift and 24-hour operations may be scheduled via separate

notice and broadcast notice to mariners. Bridge work will include superstructure removal and replacement, deck repair and resurfacing, parapet replacement, substructure repairs, and fender replacement. A work platform extending approximately 2 feet below low steel of the bridge will be installed over the middle portion of the bridge, reducing the vertical clearance of the navigation span to approximately 48 feet. Vessels and barges will be operating and working in the area and necessary waterway closures will be scheduled via separate notice and broadcast notice to mariners. Mariners should use extreme caution when transiting the area. (HP)

Delaware River - Interstate 276/Delaware River Turnpike Bridge - Repainting and miscellaneous improvements will be performed from mid-November 2015 through December 31, 2018. All work on the bridge superstructure will continue to be performed from 7 a.m. to 7 p.m.; M-F; and from 6 a.m. to 6 p.m. on the weekends. The repainting and miscellaneous improvements ongoing since mid-November, 2015, will be extended through to December 31, 2018. A work platform occupying approximately half of the navigation span, will continue to reduce the vertical clearance by approximately 5 feet to approximately 130 feet above mean high water. The project foreman can be contacted at 267-767-2550. Mariners should use extreme caution when transiting the area. (MT)

Manahawkin Bay (NJICW) - Route 72 Bridges – Bridge construction continues until May 2019. The new Route 72 Manahawkin Bridge has a vertical clearance of 55 feet above mean high water and a horizontal clearance of 100 feet between fender systems. In addition to bridge construction, marine construction operations include installation and removal of work trestles, caissons and cofferdams, bridge scaffolding and false work, as well as demolition of portions of the existing bridge not utilized in the new bridges. Vessels and barges used during marine construction and will monitor VHF-FM channel 13. 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. Mariners should use caution when transiting the area. (HP)

New Jersey Intracoastal Waterway (NJICW) (Cape May Canal) - SR 162 (CR 626/Seashore Road) Bridge - Maintenance to the bridge fender system, which began in October 2017, will continue to be conducted from 6 a.m. to 6 p.m.; M-F; through September 30, 2018. During the maintenance period, a 26 foot work vessel and two work barges will be in the vicinity of the bridge during work hours, which will reduce the horizontal clearance of the bridge to approximately 50 feet. Mariners who need more the 50 feet of horizontal clearance, should notify the work foreman no less than 12 hours prior to navigating through the bridge. The horizontal clearance of the bridge will be reduced to approximately 70 feet at all other times. Vessels who can safely transit through the reduced horizontal clearances, may do so at any time. Maintenance personnel, equipment and vessels will relocate from the navigable channel provided no less than 12 hours prior notification is given. The work vessel and work barges may be reached on VHF-FM channel 13. The project foreman can be reached at (610) 368-3739 or (267) 907-6501. Mariners should use extreme caution when transiting the area. (MT)

New Jersey Intracoastal Waterway (NJICW) (Grassy Sound Channel) - SR 147 (North Wildwood Boulevard) Bridge - Maintenance will be conducted from 7 a.m. to 7 p.m.; 7 days a week; on Thursday, December 21, 2017 through September 30, 2018. Work will consist of repair and rehabilitation of the bridge fender system. A 26 ft work vessel and two work barges will be in and around the vicinity of the bridge. During the maintenance period, the horizontal clearance of the bridge will be reduced by 50 feet to approximately 50 feet of available navigational clearance during the work hours, and will be reduced by approximately 10 feet to approximately 90 feet of available navigational clearance at all other times. Vessels that can safely transit through the reduced horizontal clearances may do so at any time. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel and work barges may be reached on VHF-FM channel 13. The project foreman can be reached at (610) 368-3739 or (267) 907-6501. Mariners who need more than 50 feet of horizontal clearance during work hours should notify the work foreman no less than 24 hours prior to navigating through the bridge. Mariners should use extreme caution when transiting the area. (MT)

New Jersey Intracoastal Waterway (NJICW) (Cape May Canal) - SR 109 Bridge - - Maintenance to the bridge fender system, which began in September, 2017, will continue to be conducted from 6 a.m. to 6 p.m.; M-F; through September 30, 2018. During the maintenance period a 26 foot work vessel and two work barges will be in the vicinity of the bridge during work hours, which will reduce the horizontal clearance of the bridge to approximately 50 feet. Mariners who need more than 50 feet of horizontal clearance, should notify the work foreman no less than 12 hours prior to navigating through the bridge. The horizontal clearance of the bridge will be reduced to approximately 70 feet at all other times. Vessels who can safely transit through the reduced horizontal clearances, may do so at any time. Maintenance personnel, equipment and vessels will relocate from the navigable channel provided no less than 12 hours prior notification is given. The work vessel and work barges may be reached on VHF-FM channel 13. The project foreman can be reached at (610) 368-3739 or (267) 907-6501. Mariners should use extreme caution when transiting the area. (MT)

Delaware River - Betsy Ross Bridge - Painting will be conducted from May 15, 2018, to October 1, 2019; Monday - Saturday, from 7 a.m. to 5 p.m. A work platform will be installed and will extend 3 feet below low steel. The vertical clearance of the bridge will be reduced by 3 feet, to approximately 110 feet above mean high water. There will be no maintenance personnel or equipment in the waterway. A small safety boat will be in vicinity of the bridge when work is conducted over the navigational spans. Mariners are urged to use caution when transiting the area. (MS)

Delaware River - Lambertville Toll Bridge (E. Bridge St) - Maintenance will be performed from Monday, June 11, 2018, through Monday, September 7, 2018; M-Sa; from 7 a.m. to 7 p.m. The maintenance will not require any vessels to be in the navigable channel at any time. Vertical clearance will be reduced by no more than 3 feet, to a height of approximately 14 feet above mean high water, inside and outside the navigable channel. The maintenance team can be reached at (267) 767-2550. Mariners should remain vigilant and use caution when transiting the area. (MB)

New Jersey Intracoastal Waterway (NJICW) (Inside Thorofare) - US Route 40-322 (Albany Ave) Bridge - Maintenance will be conducted between Monday, August 13, 2018, and Friday, September 14, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require a tug and flexi float barge, 20 feet long by 16 feet wide to work in and around the navigable channel. Maintenance personnel, equipment and vessels can relocate with 30 minutes notice. The vessel may be reached on VHF-FM channels 13 and 16. The project superintendent can be reached at (856) 718-2133. Mariners should use caution when transiting the area. (MB)

Raccoon Creek - RT 130 Bridge - Construction activities will begin again on July 23, 2018, through September 28, 2018. 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)

Grassy Sound Channel - SR 147 Bridge - Inspection will be conducted from August 8, 2018 to November 30, 2018; M-F; from 8 a.m. to 6 p.m. A snooper truck and a work vessel will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13. Mariners should use caution when transiting the area. (MS)

Shark River - SR 35 Bridge - Inspection will be conducted from August 8, 2018, to November 30, 2018; M-F; from 8 a.m. to 6 p.m. A snooper truck and a work vessel will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13. Mariners should use caution when transiting the area. (MS)

New Jersey Intracoastal Waterway - Beach Thorofare - NJ-30 (Absecon Blvd.) Bridge – Bridge maintenance will be conducted between Wednesday, September 05, 2018, and Friday, October 05, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require a tug and flexi float barge, 20 feet long by 16 feet wide to work in and around the navigable channel. Maintenance personnel, equipment

and vessels can relocate with 30 minutes notice. The vessel may be reached on VHF-FM channels 13 and 16. The project superintendent can be reached at (856) 718-2133. Mariners should use caution when transiting the area. (MB)

New Jersey Intracoastal Waterway - Beach Creek - SR 147 (Beach Creek) Bridge – Bridge maintenance will be conducted from 7 a.m. to 5:30 p.m.; Monday-Thursday; from September 4, 2018, through October 31, 2018. Work will consist of repair and rehabilitation of the bridge fender system. A 100-foot x 39-foot crane barge, a 30-foot work barge, a 25-foot tug, and several work vessels will be located in and around the vicinity of the bridge. The horizontal clearance of the bridge will be reduced to approximately 30 feet due to false work installation throughout for the duration of the maintenance period. During work hours, the horizontal clearance of the bridge will be reduced to approximately 20 feet from September 4, 2018, through September 17, 2018, and to no clearance from September 18, 2018, through October 31, 2018. 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 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 (610) 368-3739 or (215) 786-1562. Mariners should use extreme caution when transiting the area. (MT)

New Jersey Intracoastal Waterway (NJICW), Inside Thorofare - US40-322 (N Albany Ave) Bridge – Bridge maintenance will be conducted from 7 a.m. to 7 p.m.; Monday-Friday; from September 24, 2018, through January 24, 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 (610) 368-3739 or (215) 394-7997. Mariners should use extreme caution when transiting the area. (MT)

New Jersey Intracoastal Waterway (NJICW), Beach Thorofare - US 30 (Absecon Boulevard) Bridge – Bridge maintenance will be conducted from 7 a.m. to 7 p.m.; Monday-Friday; from September 24, 2018, through January 24, 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 (610) 368-3739 or (215) 394-7997. Mariners should use extreme caution when transiting the area. (MT)

Shark River - NJ-71 (Main Street) Bridge – Bridge maintenance will be conducted between Wednesday, September 26, 2018, and Wednesday, October 31, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Maintenance of the bridge will require a tug and flexi float barge, 20 feet long by 16 feet wide to work in and around the navigable channel. Maintenance personnel, equipment and vessels can relocate with 30 minutes notice. The vessel may be reached on VHF-FM channels 13 and 16. The project superintendent can be reached at (856) 287-9127. Mariners should use caution when transiting the area. (MB)

Delaware River - US 76 (Walt Whitman) Bridge – Bridge maintenance will be performed from September 25, 2018, through September 27, 2018; from 7 a.m. to 5 p.m. The inspection will require a small marine vessel with diver to navigate near the navigable channel. The small vessel will remain outside the navigable channel and may be reached on VHF-FM channels 13 and 16. Mariners should remain vigilant and use caution when transiting the area. (MB)

Absecon Inlet - Route 87 (Brigantine) Bridge – Bridge inspection will be conducted between September 25, 2018 and September 28, 2018; from 7 a.m. to 5:00 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 609-306-1740. The inspection will require a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area. (MB)

Barneget Bay - SR 37 Bridge (West Bound Lane) – Bridge inspection will be conducted between October 1, 2018 and October 4, 2018; from 7 a.m. to 5:00 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 609-306-1740. The inspection will require a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area. (MB)

Delaware River - SR 73 (Tacony-Palmyra) Bridge – Bridge maintenance will be conducted from September 17, 2018, to November 23, 2018, Monday through Friday, from 7 a.m. to 3:30 p.m. A crane barge will be located south of pier F, outside of the navigation channel. The Project Foreman can be reached at (215) 421-2880 or VHF/FM Ch. 13. Mariners are urged to use caution when transiting the area. (MS)

Townsend Inlet - CR619 (Ocean Drive) Bridge – Bridge maintenance will be conducted from Monday through Saturday, 6 a.m. to 3 p.m., from September 21, 2018, to May 22, 2019. The construction personnel will not be operating in the navigable channel. The Project Foreman can be reached at (609) 624-9090. Mariners should use caution when transiting the area. (MS)

• **Pennsylvania** –

Delaware River – Walt Whitman Bridge (I-76) – Bridge will continue bridge maintenance including steel replacement/repair and painting of the suspension spans and towers at the Walt Whitman Bridge (I-76) across the Delaware River, mile 96.8, Philadelphia, PA. Bridge maintenance will occur between 7 a.m. and 5 p.m., daily, until October 2, 2018. A work platform extending 3 feet beneath the lower portion of the bridge will remain installed over the entire length of the bridge. The vertical clearance of the bridge has been reduced by 3 feet to approximately 136 feet above mean high water. Mariners should use caution when transiting the area. (MS)

Schuylkill River - Grays Ferry Pedestrian Bridge - Modification of existing railroad bridge will begin on June 18, 2018, and is expected to finish on June 1, 2019. Work will be performed from 6 a.m. through 5 p.m.; Monday through Friday. During this bridge modification project, one navigable channel will be occupied; the other channel will be free for navigation with an available navigational clearance of approximately 75 feet horizontal clearance. 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 and a horizontal clearance of 75 feet in both navigational spans. Detailed project information and information concerning the waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing bridge. A.P. Construction Inc.'s vessels are monitoring VHF-FM channel 13 and 16

when work is in progress or vessels are operating in the area. The City of Philadelphia construction manager may be contacted at (215) 275-8066 and A.P. Construction, Inc.'s project foreman may be contacted at (215) 651-6278. Mariners should use extreme caution when transiting the area. (MT)

Delaware River - US 76 (Walt Whitman) Bridge – Bridge maintenance will be performed from September 25, 2018, through September 27, 2018; from 7 a.m. to 5 p.m. The inspection will require a small marine vessel with diver to navigate near the navigable channel. The small vessel will remain outside the navigable channel and may be reached on VHF-FM channels 13 and 16. Mariners should remain vigilant and use caution when transiting the area. (MB)

Delaware River - SR 73 (Tacony-Palmyra) Bridge – Bridge maintenance will be conducted from September 17, 2018, to November 23, 2018, Monday through Friday, from 7 a.m. to 3:30 p.m. A crane barge will be located south of pier F, outside of the navigation channel. The Project Foreman can be reached at (215) 421-2880 or VHF/FM Ch. 13. Mariners are urged to use caution when transiting the area. (MS)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

• Maryland

Choptank River - MD 331/Dover (fixed) Bridge – Construction activities begun on September 16, 2014 and are expected to finish in November 2018. 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. Tugs, crane barges, and vessels are operating or stationed in the vicinity of the existing and new bridge. McLean Contracting Company's tugs and vessels are monitoring VHF-FM channel 13 when work is in progress or vessels are operating in the area. The MDSHA project engineer may be contacted at (816) 989-4019 and McLean Contracting Site Supervisor may be contacted at (443) 980-7633. Mariners should use extreme caution when transiting the area. Project Information may be found at: <http://apps.roads.maryland.gov/WebProjectLifeCycle/ProjectSchedule.aspx?projectno=TA392515> (MS)

Patapsco River - Francis Scott Key Bridge - Maintenance will be conducted between Wednesday, April 19, 2017, and Monday, December 31, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require up to four, 30-foot-wide construction barges, and various construction craft to be working outside the navigable channel. The work will also include dive operations from a 24-foot wide barge. Periodic maintenance updates will be added into the Local Notice to Mariners. Maintenance personnel, equipment and vessels can relocate. The vessel may be reached on VHF-FM channel 13 and 16. The project superintendent can be reached at (571) 422-7954. Mariners should use caution when transiting the area. (MB)

Chesapeake Bay - US 50/US 301 (William P. Lane Jr. Memorial) (Eastern Channel) Westbound Bridge - Maintenance will be conducted from July 10, 2017, through June 20, 2019; 24 hours a day; 7 days a week. The work will involve bridge spans 44-49, broken into two phases. The first phase will commence on July 10, 2017, with spans 47-49, and the second phase for spans 44-46 (span 45 is the navigational span) will commence on a later date to be published via an updated LNM. A work platform will be attached to the underside of bridge which will reduce the vertical clearance of the bridge spans by approximately 2 feet. A barge and work vessels will be in and around the vicinity of the bridge. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (910) 228-9164. Mariners should use caution when transiting the area. (MT)

Curtis Creek - I-695 Bridge –Maintenance will be performed from January 8, 2018, through November 30, 2018, 24 hours a day. During the maintenance period, barges will be placed in the navigable channel, reducing the horizontal clearance to between 128 feet and 160 feet. The bascule spans will be placed in the open-to-navigation position or opened on signal, if at least a one-hour notice is given, as provided in 33 CFR 117.557. Barges will relocate outside of the navigable channel, if at least a one-hour notice is given. Vessels may contact the project engineer at (410) 330-7332 or project manager at (410) 377-9655 concerning bridge openings and navigation safety. Vessels engaged in bridge maintenance may be contacted via VHF-FM channels 13 or 16. Mariners should use caution when transiting the area during the scheduled maintenance period. (HP)

Neale Sound - Bridge No. 0803800 (MD-254) Bridge - Construction activities will begin on May 21, 2018, and are expected to conclude on August 31, 2020. Work hours are from 6 a.m. to 6 p.m., seven days a week. 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)

Chesapeake Bay - US 50 (William Preston Lane Jr.) Memorial Bridge - To facilitate the work, the top navigation light on the north and sound sides of the west bound suspension bridge at mid span will be temporarily removed from July 17, 2018 to January 14, 2019. Mariners should use caution when transiting the area. (MS)

Kent Island Narrows - S.R. 18-B (Main Street) Bridge - Inspection will be conducted from 9 a.m. through 3 p.m.; Monday-Friday; on September 3, 2018, through October 12, 2018. A bucket inspection vessel will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and the inspection vessel will relocate from the moveable span and navigable channel, upon request. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (302) 383-8844. Mariners should notify the project foreman at least 5 minutes prior transiting the bridge and should use caution when navigating through the area. (MT)

Chesapeake Bay - US 50/301 (William Preston Lane Jr. Memorial) Bridge - Underwater inspections will be conducted from October 8, 2018, to March 1, 2019, from 7 a.m. to 4 p.m. A 25ft dive boat will be utilized during the inspections and will be moored to the bridge pier and fender system during dive operations. Mariners should use extreme caution when transiting the areas. (MS)

Potomac River - US 301 (Harry W Nice Memorial) Bridge - Underwater inspections will be conducted from October 8, 2018, to March 1, 2019, from 7 a.m. to 4 p.m. A 25ft dive boat will be utilized during the inspections and will be moored to the bridge pier and fender system during dive operations. Mariners should use extreme caution when transiting the areas. (MS)

Assawoman Bay - US 50 Bridge across, mile 36.8, at Ocean City, MD. Bridge inspections will be conducted from September 10, 2018, to October 26, 2018, from 8 a.m. to 5 p.m. A small boat will be utilized during the inspections. Inspection personnel and equipment will be operating in proximity to the navigable channels, but do not anticipate any disruption to marine traffic and will relocate to facilitate passage of marine traffic. Mariners should use extreme caution when transiting the areas. (MS)

Assawoman Bay & St Martin River - SR 90 Bridge Bridge inspections will be conducted from September 10, 2018, to October 26, 2018, from 8 a.m. to 5 p.m. A small boat will be utilized during the inspections. Inspection personnel and equipment will be operating in proximity to the navigable channels, but do not anticipate any disruption to marine traffic and will relocate to facilitate passage of marine traffic. Mariners should use extreme caution when transiting the areas. (MS)

Assawoman Bay and St Martins River - US 90 Bridge - Biennial bridge inspections will be performed from October 2, 2018 –October 25, 2018; Monday through Friday, from 9 a.m. to 3 p.m., at the US 90 bridges over the above waterways. The inspections will be conducted from a snoopier truck mounted on the bridge deck. Inspection personnel and equipment will be in proximity to the navigable channel when operating the inspection bucket; however, inspection crews do not anticipate any disruption to marine traffic and will relocate from the navigable channel upon request for passage from waterborne vessels. Mariners are advised to exercise caution when transiting the area. (KB)

Wicomico River (North Prong) - US50 (W Salisbury Parkway) Bridge – A temporary deviation from the current operating regulation will be in place to facilitate cleaning and painting of the bridge. Under this temporary deviation, the bridge will remain in the closed-to-navigation position from 6 a.m. on October 5, 2018, through 6 a.m. on December 31, 2018. This deviation allows the bridge to remain in the closed-to-navigation position and open on signal if at least 24 hours' notice is given. The drawbridge is a bascule bridge with a vertical clearance in the closed-to-navigation position of 4 feet above mean high water. Mariners can request an opening by calling (410) 430-7461. Mariners should use caution when transiting the area. (MB)

Wicomico River (North Prong) - A temporary deviation from the current operating regulation will be in place to facilitate cleaning and painting of the bridge. Under this temporary deviation, the bridge will remain in the closed-to-navigation position from 6 a.m. on October 5, 2018, through 6 a.m. on December 31, 2018. This deviation allows the bridge to remain in the closed-to-navigation position and open on signal if at least 24 hours' notice is given. The drawbridge is a double bascule bridge with a vertical clearance in the closed-to-navigation position of 1 foot above mean high water. Mariners can request an opening by calling (410) 430-7461. Mariners should use caution when transiting the area. (MB)

- **Washington DC**

Potomac River - Arlington Memorial Bridge - On or about June 11, 2018 the Arlington Memorial Bridge Rehabilitation Project will commence. To establish safe access for workers from the crew boats to the bridge structure during, platforms will be installed to the existing bridge and a floating platform (small barge) will be on site, located between Abutments 2 and 3 near the middle of the river. The 5-foot to 6-foot wide access platforms will take 3 weeks to install, during daylight hours, and the access will be installed for the duration of the project, which will continue until late 2020 or early 2021. Though located within the center arch, the work is outside of the 80-foot wide federal navigation channel. Marine equipment on site will include a small crew boat (with marine radio) and a 10-foot wide by 40-foot long floating platform (barge). All marine equipment will be lighted in accordance with USCG regulations. More substantial bridge rehabilitation work is scheduled to start in July 2018. Mariners are urged to use caution when transiting the area, remain alert for on-water activity at the bridge and access area, and reduce speed to minimize wake near the work site. Interested mariners can contact the bridge project's tender boat via marine band radio VHF-FM channel 16 during the work period. 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)

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 2021. The current work consists of building the temporary West Trestle from the western shoreline out to the center of the Federal Channel. A work barge will be stationed in the western/down bound side of the Federal channel during trestle construction and properly lit. The existing western and center fender piers will also be partially demolished, south of the existing bridge. The western half of the Federal channel is currently closed as demarcated by the white exclusion buoys upstream and downstream of the bridge. The East Trestle is also being constructed, which will extend from the eastern shoreline to the east side of the Federal channel. Multiple barges and push vessels are supporting this activity. The eastern half of the Federal channel, east of the center fender pier, will be open for navigation at all times. Construction work will be conducted Mondays through Saturday, between 7 a.m. and 7 p.m., with no pile driving work on Saturday. 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 caution when transiting the area, control wake, and operate at minimum speed necessary to maintain safe course near the work site. Interested mariners can contact the vessels "Ms. Becky" or "Claire Marie" via marine band radio VHF-FM channels 16 and 13 when actively working on the river. (MB)(RH)

- **Virginia (Northern)** - None

SECTOR HAMPTON ROADS

- **Virginia (Southern)**

Lynnhaven Inlet – US 60/John A. Lesner (fixed) Bridge – Work is in progress through August 30, 2019 for a new replacement bridge at essentially the same location. The new bridge will have a vertical clearance of 45 feet above MHW, along with a horizontal clearance of 150 feet between face of the fenders. A dredge material placement site will be located southwest of the existing bridge, adjacent to the boat ramp facility and used as a staging area. The contractor will access the lay down and staging area via the waterway through a proposed temporary bulkhead. (HP)

James River - I-295, Varina-Enon Bridge - Maintenance will be conducted between Monday, July 9, 2018, and Tuesday, May 14, 2019; M-F; from 7 a.m. to 3:30 p.m. All work will be conducted outside the navigable channel and should not interfere with vessels within the navigable channel. No vertical or horizontal restrictions are anticipated. Mariners should remain vigilant and use caution when transiting the area. (MB)

James River - US 17/US 258/SR 32 (James River Bridge) Bridge – Bridge will be maintained in the closed-to-navigation position to facilitate bridge maintenance of the bridge vertical lift span. The bridge will maintained in the closed position from 7 a.m. on September 26, 2018, through 12:01 a.m. on September 28, 2018. The bridge will not be able to open for emergencies. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)

Rappahannock River - US 3 (Robert O. Norris) Bridge – Bridge inspection will be conducted between October 1, 2018 and November 2, 2018; from 9 a.m. to 3 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 757-288-2963, and the marine vessel may be reached on VHF-FM channels 13 and 16. The inspection will require a bucket boat and a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area. (MB)

SECTOR NORTH CAROLINA

- **North Carolina**

Gallants (Beaufort) Channel – US 70/Grayden Paul (fixed) Bridge – Work is in progress through 2018 (TBD), for construction of a high-level fixed bridge relocated between Radio Island and Michael J Field in Carteret County, and demolition of the existing bridge. The new high-level fixed bridge has a vertical clearance of 65 feet above mean high water and a horizontal clearance of 100 feet between pile bents. Tugboats and barges will be used and will monitor VHF channel 13 in the event that mariners need to contact the contractor. Waterway closures are being planned. (HP)

Oregon Inlet - Herbert C. Bonner Bridge – Construction activities for the replacement bridge will begin on March 7, 2016 and are expected to finish on August 30, 2019. Work will be on-going 24-hours per day, seven days a week. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new bridge. A work trestle/loading dock will be constructed approximately 200 yards south of the southeastern end of the existing Bonner Bridge, on the southwest side of South Point in Pamlico Sound, extending 150 feet southwesterly from the shoreline and terminate at approximately 35.766 N, 75.526 W. Running parallel to the dock will be a 245-foot breast-line comprised of eight 36-inch hollow pipe piles spaced fifty feet apart, to be used for mooring purposes. The breast-line will begin near shore and terminate at approximately 35.765N, 75.527 W. Each pile will be lit by a flashing white light. PCL Civil Constructors tugs and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The NCDOT Resident Engineer may be contacted at (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/>. (HP)

Currituck Sound - US 158 (Wright Memorial) Bridge - Maintenance will be conducted from 7 a.m. to 7 p.m.; 7 days a week; from October 03, 2017, through December 1, 2018. A 40 ft. barge, several work boats, several work platforms and a team of divers will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channels 13 and 16. The project foreman can be reached at (252) 340-2471 or (936) 404-9514. Mariners should notify the work foreman no less than one hour prior to transiting through the bridge and should use caution when navigating the area. (MT)

Cape Fear River - US 17 Cape Fear Memorial Bridge – Bridge will be maintained in the closed-to-navigation position and will require a four hour advanced notice to open from 12:01 a.m. on June 15, 2018, to 5 p.m. on November 30, 2018, for maintenance. A work platform will be attached underneath the movable span and will reduce the vertical clearance to 57ft in the closed position and 127ft in the open position. 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 and there is no immediate alternate route for vessels unable to pass through the bridge in the closed position. Mariners should use caution when transiting the area. (MS)

Atlantic Intracoastal Waterway (Boque Sound) - SR 1184 (Atlantic Beach Bridge) – Bridge maintenance will be conducted from 7 a.m. to 7 p.m.; Monday-Saturday; October 8, 2018, through March 15, 2019. A crane barge, a material barge, several tugs, several work vessels and work platforms will be located in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (703) 855-8519 or (910) 859-9403. Mariners should notify the work foreman no less than thirty minutes prior to transiting through the bridge. Mariners should use extreme caution navigating through the area. (MT)

FUTURE PROJECTS:

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 HAMPTON ROADS

- **Virginia (Southern)** – None

SECTOR NORTH CAROLINA

- Mid-Currituck Sound (fixed) Bridge – Proposed new fixed structure.
- 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. (HP)

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)

- **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 both navigation spans. (MT)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **Maryland** –

Potomac River – Governor Harry Nice Memorial Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 2, 2018; 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)

Potomac River -

All interested parties are notified that an application dated July 5, 2018, has been received from the National Park Service (NPS) by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of an existing highway drawbridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Potomac River, mile 110, at Washington, DC

CHARACTER OF WORK: The proposed project includes the replacement of the 216 foot steel draw span, which has been permanently secured in the closed position since 1965, with a fixed span; repairs to the deteriorated portions of the abutment, piers and concrete arch spans; replacement of the concrete bridge deck; resurfacing of the travel lanes; replacement of the concrete sidewalks and refitting of granite panels; restoration of the bridge drainage system; and other minor nonstructural bridge improvement. The purpose of this project is to rehabilitate the Arlington Memorial Bridge to restore the structural integrity of the bridge while protecting and preserving, to the extent feasible, its memorial character and significant design elements.

The existing drawbridge has a horizontal clearance of 142 feet and a vertical clearance of 30 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The new bridge will be a fixed bridge with a horizontal clearance of 142 feet and a vertical clearance of 30 feet above mean high water.

A copy of **Public Notice D05PN-11-2018**, which describes the proposal in detail, can be obtained by calling (757) 398-6587 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than **October 23, 2018**. (MS)

- **Virginia (Northern)**

Potomac River – Governor Harry Nice Memorial Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 2, 2018; 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)

SECTOR HAMPTON ROADS

- **Virginia (Southern)**

Southern Branch of the Elizabeth River (AICW) - I-64 High Rise Bridge

All interested parties are notified that an application dated August 28, 2018, has been received from the Virginia Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Southern Branch of the Elizabeth River, mile 7.1, at Chesapeake, VA

CHARACTER OF WORK: The proposed project is to build a new fixed bridge structure adjacent to the existing drawbridge structure currently carrying Interstate 64 (I-64) across the Southern Branch of the Elizabeth River. The new 36-span fixed structure, supported by pre-stressed concrete girders, will be located to the south of the existing I-64 High Rise Bridge. Upon project completion, the new fixed bridge structure will carry I-64 traffic toward Virginia Beach and the existing drawbridge structure will carry I-64 traffic toward Suffolk, across the Southern Branch of the Elizabeth River. The purpose of this project is to enhance capacity, improve vehicular safety, and improve the ability of the I-64 corridor to function as an emergency evacuation route, while addressing deficiencies of the existing I-64 High Rise Bridge.

The existing drawbridge structure has a horizontal clearance of 125 feet and a vertical clearance of 65 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The new fixed bridge structure will provide a horizontal clearance of 125 feet and a vertical clearance of 100 feet above mean high water.

A copy of **Public Notice D05PN-06-2018**, which describes the proposal in detail, can be obtained by calling (757) 398-6227 or by viewing at <https://www.navcen.uscg.gov/?pageName=pnBridges>. Comments on this proposal should be forwarded to the address in the notice no later than October 26, 2018. (KB)

Elizabeth River (Western Branch) – US Route 17 (Churchland Street) Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD); vertical clearance of 37 feet above mean high water and a horizontal clearance of 80 feet. (MS)

Western Branch of the Elizabeth River -

All interested parties are notified that an application dated July 17, 2018, has been received from the City of Portsmouth by the Commander, Fifth Coast Guard District, for approval of the location and plans for construction of a replacement highway fixed bridge and improvement of an

existing bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Western Branch of the Elizabeth River, mile 1.72, U.S. Route 17 (Churchland) Bridge at Portsmouth, VA.

CHARACTER OF WORK: The proposed Churchland Bridge project is to replace the northbound structure with a multi-span continuous structure with spliced concrete girders. The new northbound structure will provide for two 12-foot vehicle lanes, 4-foot wide inside shoulder, 8-foot wide outside shoulder, and a 14-foot wide multi-use path separated from the vehicle lanes by a safety barrier. Minor improvements and upgrades will be completed to improve the condition of the fixed southbound structure. The existing northbound structure will be removed in its entirety and the southbound structure will remain in place. The purpose of the project is to maintain the safety of the travelling public and replace a bridge design that is no longer considered acceptable, eliminating the need for increasingly costly bridge repairs and avoiding potential vehicular traffic disruption and delays.

The existing fixed bridge has a horizontal clearance of 98 feet and a vertical clearance of 37 feet above mean high water. The replacement bridge will be a fixed bridge with a horizontal clearance of 80 feet and a vertical clearance of 37 feet above mean high water.

A copy of **Public Notice D05PN-10-2018**, which describes the proposal in detail, can be obtained by calling (757) 398-6587 or by viewing at <https://www.navcen.uscg.gov/?pageName=prBridges>. Comments on this proposal should be forwarded to the address in the notice no later than **October 29, 2018**. (MS)

SECTOR NORTH CAROLINA

- **North Carolina**

Atlantic Intracoastal Waterway – NC 210/50 Bridge, Surf City, NC - proposed 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. (HP)

Perquimans River – US 17 Business Bridge (Hertford, NC) – Replacement swing drawbridge Preliminary Navigation Clearance Determination (PNCD) issued on November 1, 2017; vertical clearance of 33 feet above mean high water and a horizontal clearance of 55 feet. NCDOT preferred alternative would provide a vertical clearance of 12 feet above mean high water in the closed position, unlimited vertical clearance in the open position and a horizontal clearance of 55 feet. (HP)

Regulations:

SECTOR DELAWARE BAY

- **Delaware** – None

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

Delaware River - DELAIR Memorial Railroad Bridge -The Coast Guard has issued a temporary deviation authorizing the DELAIR Memorial Railroad Bridge over the, mile 104.6, in Delair, NJ, to be remotely operated from the Conrail South Jersey dispatch center in Mount Laurel, NJ, from 8 a.m. on April 19, 2018, to 7:59 a.m. on October 16, 2018. This deviation will test the remote operation capability of the drawbridge to determine whether the bridge can be safely operated from a remote location. During the temporary deviation, a bridge tender will be stationed on-site at the bridge and will be able to immediately take local control of the bridge, as required. The remote operation system of the bridge incorporates a dedicated telephone line (856) 231-2301 for bridge operations, a push-to-talk (PTT) opening signal of 5 clicks on VHF-FM channel 13, and an automated identification system (AIS) transmitter to provide real-time bridge status. AIS bridge status is provided via the name transmitted by the private aids to navigation as: DELAIR BRG-OPEN (fully open and locked position, channel light green), DELAIR BRG-CLOSED (other than fully open, not inoperative), or DELAIR BRG-INOP (other than fully open, inoperative). The AIS transmitter is assigned maritime mobile service identity (MMSI) number 993663001 and has been installed on the New Jersey side of the bridge at the bridge and land intersection in approximate position 39 degrees, 58 minutes, 50.52 seconds North (39.9807 N), 75 degrees, 03 minutes, 58.75 seconds West (-75.06632 W). The Coast Guard is encouraging public participation and requesting comments concerning this temporary (test) deviation. Comments and related material must reach the Coast Guard on or before March 2, 2018. Please access the Federal eRulemaking Portal at <http://www.regulations.gov> to view docket number USCG-2016-0257 for additional details and to provide comments concerning this temporary (test) deviation. (HP)

- **Pennsylvania** – None

SECTOR MARYLAND-NATIONAL CAPITAL REGION

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

- **Maryland** – None

SECTOR HAMPTON ROADS

- **Virginia (Southern)** – None

SECTOR NORTH CAROLINA

- **North Carolina** - None

Construction, et al:

SECTOR DELAWARE BAY

- **Delaware**

Chesapeake and Delaware Canal - St Georges Bridge – Bridge maintenance will be conducted between Tuesday, September 04, 2018, and Monday, December 17, 2018; Mon-Fri; from 7 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require a vertical restriction of 4 feet from the south pier to the center of the main span. The northern half of the bridge, including the north half of the main span, will remain unrestricted. A small safety skiff will be operating in and around the main channel and can relocate, if required. Marine Traffic Controllers will help direct traffic under the northern half of the bridge to avoid any concerns. The skiff may be reached on VHF-FM channel 13. The project superintendent can be reached at (703) 731-4460. Mariners should use caution when transiting the area. (MB)

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

Delaware River – Commodore Barry (fixed) Bridge – To facilitate painting, work will continue until 2019. Work platforms will be installed 3 feet beneath the bridge in various locations reducing the vertical clearance to 178 ft. above mean high water at the edge of the navigable channel (187 ft. center of channel). Phase 1 – NJ approach girder and deck truss spans due completion in September 2016. Phase 2 – PA approach girder and deck truss spans, scheduled to commence fall of 2016. Phase 3 – Cantilever truss span, scheduled to commence in 2017 and conclude in 2019. Mariners should exercise caution. (MS)

Great Egg Harbor Bay - Garden State Parkway (northbound and southbound) Bridges – Construction of a new fender system will occur from April 1, 2018, until September 30, 2018, between 7 a.m. and 4 p.m., Monday through Friday. One or more barges will be placed in the navigation span adjacent to the fender system, limiting the horizontal clearance through the navigation span to approximately 90 feet. Vessels may contact the marine superintendent via VHF-FM channels 13, 16 or 9 and (609) 381-9837. Mariners should use extreme caution when transiting the area. (HP)

Great Egg Harbor Bay - Garden State Parkway (Northbound) Bridge - Maintenance will be performed from November 1, 2016, until February 28, 2019, between 7 a.m. and 4 p.m., Monday through Saturday. A second work shift and 24-hour operations may be scheduled via separate

notice and broadcast notice to mariners. Bridge work will include superstructure removal and replacement, deck repair and resurfacing, parapet replacement, substructure repairs, and fender replacement. A work platform extending approximately 2 feet below low steel of the bridge will be installed over the middle portion of the bridge, reducing the vertical clearance of the navigation span to approximately 48 feet. Vessels and barges will be operating and working in the area and necessary waterway closures will be scheduled via separate notice and broadcast notice to mariners. Mariners should use extreme caution when transiting the area. (HP)

Delaware River - Interstate 276/Delaware River Turnpike Bridge - Repainting and miscellaneous improvements will be performed from mid-November 2015 through December 31, 2018. All work on the bridge superstructure will continue to be performed from 7 a.m. to 7 p.m.; M-F; and from 6 a.m. to 6 p.m. on the weekends. The repainting and miscellaneous improvements ongoing since mid-November, 2015, will be extended through to December 31, 2018. A work platform occupying approximately half of the navigation span, will continue to reduce the vertical clearance by approximately 5 feet to approximately 130 feet above mean high water. The project foreman can be contacted at 267-767-2550. Mariners should use extreme caution when transiting the area. (MT)

Manahawkin Bay (NJICW) - Route 72 Bridges – Bridge construction continues until May 2019. The new Route 72 Manahawkin Bridge has a vertical clearance of 55 feet above mean high water and a horizontal clearance of 100 feet between fender systems. In addition to bridge construction, marine construction operations include installation and removal of work trestles, caissons and cofferdams, bridge scaffolding and false work, as well as demolition of portions of the existing bridge not utilized in the new bridges. Vessels and barges used during marine construction and will monitor VHF-FM channel 13. 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. Mariners should use caution when transiting the area. (HP)

New Jersey Intracoastal Waterway (NJICW) (Cape May Canal) - SR 162 (CR 626/Seashore Road) Bridge - Maintenance to the bridge fender system, which began in October 2017, will continue to be conducted from 6 a.m. to 6 p.m.; M-F; through September 30, 2018. During the maintenance period, a 26 foot work vessel and two work barges will be in the vicinity of the bridge during work hours, which will reduce the horizontal clearance of the bridge to approximately 50 feet. Mariners who need more the 50 feet of horizontal clearance, should notify the work foreman no less than 12 hours prior to navigating through the bridge. The horizontal clearance of the bridge will be reduced to approximately 70 feet at all other times. Vessels who can safely transit through the reduced horizontal clearances, may do so at any time. Maintenance personnel, equipment and vessels will relocate from the navigable channel provided no less than 12 hours prior notification is given. The work vessel and work barges may be reached on VHF-FM channel 13. The project foreman can be reached at (610) 368-3739 or (267) 907-6501. Mariners should use extreme caution when transiting the area. (MT)

New Jersey Intracoastal Waterway (NJICW) (Grassy Sound Channel) - SR 147 (North Wildwood Boulevard) Bridge - Maintenance will be conducted from 7 a.m. to 7 p.m.; 7 days a week; on Thursday, December 21, 2017 through September 30, 2018. Work will consist of repair and rehabilitation of the bridge fender system. A 26 ft work vessel and two work barges will be in and around the vicinity of the bridge. During the maintenance period, the horizontal clearance of the bridge will be reduced by 50 feet to approximately 50 feet of available navigational clearance during the work hours, and will be reduced by approximately 10 feet to approximately 90 feet of available navigational clearance at all other times. Vessels that can safely transit through the reduced horizontal clearances may do so at any time. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel and work barges may be reached on VHF-FM channel 13. The project foreman can be reached at (610) 368-3739 or (267) 907-6501. Mariners who need more than 50 feet of horizontal clearance during work hours should notify the work foreman no less than 24 hours prior to navigating through the bridge. Mariners should use extreme caution when transiting the area. (MT)

New Jersey Intracoastal Waterway (NJICW) (Cape May Canal) - SR 109 Bridge - - Maintenance to the bridge fender system, which began in September, 2017, will continue to be conducted from 6 a.m. to 6 p.m.; M-F; through September 30, 2018. During the maintenance period a 26 foot work vessel and two work barges will be in the vicinity of the bridge during work hours, which will reduce the horizontal clearance of the bridge to approximately 50 feet. Mariners who need more than 50 feet of horizontal clearance, should notify the work foreman no less than 12 hours prior to navigating through the bridge. The horizontal clearance of the bridge will be reduced to approximately 70 feet at all other times. Vessels who can safely transit through the reduced horizontal clearances, may do so at any time. Maintenance personnel, equipment and vessels will relocate from the navigable channel provided no less than 12 hours prior notification is given. The work vessel and work barges may be reached on VHF-FM channel 13. The project foreman can be reached at (610) 368-3739 or (267) 907-6501. Mariners should use extreme caution when transiting the area. (MT)

Delaware River - Betsy Ross Bridge - Painting will be conducted from May 15, 2018, to October 1, 2019; Monday - Saturday, from 7 a.m. to 5 p.m. A work platform will be installed and will extend 3 feet below low steel. The vertical clearance of the bridge will be reduced by 3 feet, to approximately 110 feet above mean high water. There will be no maintenance personnel or equipment in the waterway. A small safety boat will be in vicinity of the bridge when work is conducted over the navigational spans. Mariners are urged to use caution when transiting the area. (MS)

Delaware River - Lambertville Toll Bridge (E. Bridge St) - Maintenance will be performed from Monday, June 11, 2018, through Monday, September 7, 2018; M-Sa; from 7 a.m. to 7 p.m. The maintenance will not require any vessels to be in the navigable channel at any time. Vertical clearance will be reduced by no more than 3 feet, to a height of approximately 14 feet above mean high water, inside and outside the navigable channel. The maintenance team can be reached at (267) 767-2550. Mariners should remain vigilant and use caution when transiting the area. (MB)

New Jersey Intracoastal Waterway (NJICW) (Inside Thorofare) - US Route 40-322 (Albany Ave) Bridge - Maintenance will be conducted between Monday, August 13, 2018, and Friday, September 14, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require a tug and flexi float barge, 20 feet long by 16 feet wide to work in and around the navigable channel. Maintenance personnel, equipment and vessels can relocate with 30 minutes notice. The vessel may be reached on VHF-FM channels 13 and 16. The project superintendent can be reached at (856) 718-2133. Mariners should use caution when transiting the area. (MB)

Raccoon Creek - RT 130 Bridge - Construction activities will begin again on July 23, 2018, through September 28, 2018. 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)

Grassy Sound Channel - SR 147 Bridge - Inspection will be conducted from August 8, 2018 to November 30, 2018; M-F; from 8 a.m. to 6 p.m. A snooper truck and a work vessel will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13. Mariners should use caution when transiting the area. (MS)

Shark River - SR 35 Bridge - Inspection will be conducted from August 8, 2018, to November 30, 2018; M-F; from 8 a.m. to 6 p.m. A snooper truck and a work vessel will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13. Mariners should use caution when transiting the area. (MS)

New Jersey Intracoastal Waterway - Beach Thorofare - NJ-30 (Absecon Blvd.) Bridge – Bridge maintenance will be conducted between Wednesday, September 05, 2018, and Friday, October 05, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require a tug and flexi float barge, 20 feet long by 16 feet wide to work in and around the navigable channel. Maintenance personnel, equipment

and vessels can relocate with 30 minutes notice. The vessel may be reached on VHF-FM channels 13 and 16. The project superintendent can be reached at (856) 718-2133. Mariners should use caution when transiting the area. (MB)

New Jersey Intracoastal Waterway - Beach Creek - SR 147 (Beach Creek) Bridge – Bridge maintenance will be conducted from 7 a.m. to 5:30 p.m.; Monday-Thursday; from September 4, 2018, through October 31, 2018. Work will consist of repair and rehabilitation of the bridge fender system. A 100-foot x 39-foot crane barge, a 30-foot work barge, a 25-foot tug, and several work vessels will be located in and around the vicinity of the bridge. The horizontal clearance of the bridge will be reduced to approximately 30 feet due to false work installation throughout for the duration of the maintenance period. During work hours, the horizontal clearance of the bridge will be reduced to approximately 20 feet from September 4, 2018, through September 17, 2018, and to no clearance from September 18, 2018, through October 31, 2018. 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 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 (610) 368-3739 or (215) 786-1562. Mariners should use extreme caution when transiting the area. (MT)

New Jersey Intracoastal Waterway (NJICW), Inside Thorofare - US40-322 (N Albany Ave) Bridge – Bridge maintenance will be conducted from 7 a.m. to 7 p.m.; Monday-Friday; from September 24, 2018, through January 24, 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 (610) 368-3739 or (215) 394-7997. Mariners should use extreme caution when transiting the area. (MT)

New Jersey Intracoastal Waterway (NJICW), Beach Thorofare - US 30 (Absecon Boulevard) Bridge – Bridge maintenance will be conducted from 7 a.m. to 7 p.m.; Monday-Friday; from September 24, 2018, through January 24, 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 (610) 368-3739 or (215) 394-7997. Mariners should use extreme caution when transiting the area. (MT)

Shark River - NJ-71 (Main Street) Bridge – Bridge maintenance will be conducted between Wednesday, September 26, 2018, and Wednesday, October 31, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Maintenance of the bridge will require a tug and flexi float barge, 20 feet long by 16 feet wide to work in and around the navigable channel. Maintenance personnel, equipment and vessels can relocate with 30 minutes notice. The vessel may be reached on VHF-FM channels 13 and 16. The project superintendent can be reached at (856) 287-9127. Mariners should use caution when transiting the area. (MB)

Delaware River - US 76 (Walt Whitman) Bridge – Bridge maintenance will be performed from September 25, 2018, through September 27, 2018; from 7 a.m. to 5 p.m. The inspection will require a small marine vessel with diver to navigate near the navigable channel. The small vessel will remain outside the navigable channel and may be reached on VHF-FM channels 13 and 16. Mariners should remain vigilant and use caution when transiting the area. (MB)

Absecon Inlet - Route 87 (Brigantine) Bridge – Bridge inspection will be conducted between September 25, 2018 and September 28, 2018; from 7 a.m. to 5:00 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 609-306-1740. The inspection will require a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area. (MB)

Barneget Bay - SR 37 Bridge (West Bound Lane) – Bridge inspection will be conducted between October 1, 2018 and October 4, 2018; from 7 a.m. to 5:00 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 609-306-1740. The inspection will require a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area. (MB)

Delaware River - SR 73 (Tacony-Palmyra) Bridge – Bridge maintenance will be conducted from September 17, 2018, to November 23, 2018, Monday through Friday, from 7 a.m. to 3:30 p.m. A crane barge will be located south of pier F, outside of the navigation channel. The Project Foreman can be reached at (215) 421-2880 or VHF/FM Ch. 13. Mariners are urged to use caution when transiting the area. (MS)

Townsend Inlet - CR619 (Ocean Drive) Bridge – Bridge maintenance will be conducted from Monday through Saturday, 6 a.m. to 3 p.m., from September 21, 2018, to May 22, 2019. The construction personnel will not be operating in the navigable channel. The Project Foreman can be reached at (609) 624-9090. Mariners should use caution when transiting the area. (MS)

• **Pennsylvania** –

Delaware River – Walt Whitman Bridge (I-76) – Bridge will continue bridge maintenance including steel replacement/repair and painting of the suspension spans and towers at the Walt Whitman Bridge (I-76) across the Delaware River, mile 96.8, Philadelphia, PA. Bridge maintenance will occur between 7 a.m. and 5 p.m., daily, until October 2, 2018. A work platform extending 3 feet beneath the lower portion of the bridge will remain installed over the entire length of the bridge. The vertical clearance of the bridge has been reduced by 3 feet to approximately 136 feet above mean high water. Mariners should use caution when transiting the area. (MS)

Schuylkill River - Grays Ferry Pedestrian Bridge - Modification of existing railroad bridge will begin on June 18, 2018, and is expected to finish on June 1, 2019. Work will be performed from 6 a.m. through 5 p.m.; Monday through Friday. During this bridge modification project, one navigable channel will be occupied; the other channel will be free for navigation with an available navigational clearance of approximately 75 feet horizontal clearance. 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 and a horizontal clearance of 75 feet in both navigational spans. Detailed project information and information concerning the waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing bridge. A.P. Construction Inc.'s vessels are monitoring VHF-FM channel 13 and 16

when work is in progress or vessels are operating in the area. The City of Philadelphia construction manager may be contacted at (215) 275-8066 and A.P. Construction, Inc.'s project foreman may be contacted at (215) 651-6278. Mariners should use extreme caution when transiting the area. (MT)

Delaware River - US 76 (Walt Whitman) Bridge – Bridge maintenance will be performed from September 25, 2018, through September 27, 2018; from 7 a.m. to 5 p.m. The inspection will require a small marine vessel with diver to navigate near the navigable channel. The small vessel will remain outside the navigable channel and may be reached on VHF-FM channels 13 and 16. Mariners should remain vigilant and use caution when transiting the area. (MB)

Delaware River - SR 73 (Tacony-Palmyra) Bridge – Bridge maintenance will be conducted from September 17, 2018, to November 23, 2018, Monday through Friday, from 7 a.m. to 3:30 p.m. A crane barge will be located south of pier F, outside of the navigation channel. The Project Foreman can be reached at (215) 421-2880 or VHF/FM Ch. 13. Mariners are urged to use caution when transiting the area. (MS)

SECTOR MARYLAND-NATIONAL CAPITAL REGION

• Maryland

Choptank River - MD 331/Dover (fixed) Bridge – Construction activities begun on September 16, 2014 and are expected to finish in November 2018. 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. Tugs, crane barges, and vessels are operating or stationed in the vicinity of the existing and new bridge. McLean Contracting Company's tugs and vessels are monitoring VHF-FM channel 13 when work is in progress or vessels are operating in the area. The MDSHA project engineer may be contacted at (816) 989-4019 and McLean Contracting Site Supervisor may be contacted at (443) 980-7633. Mariners should use extreme caution when transiting the area. Project Information may be found at: <http://apps.roads.maryland.gov/WebProjectLifeCycle/ProjectSchedule.aspx?projectno=TA392515> (MS)

Patapsco River - Francis Scott Key Bridge - Maintenance will be conducted between Wednesday, April 19, 2017, and Monday, December 31, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require up to four, 30-foot-wide construction barges, and various construction craft to be working outside the navigable channel. The work will also include dive operations from a 24-foot wide barge. Periodic maintenance updates will be added into the Local Notice to Mariners. Maintenance personnel, equipment and vessels can relocate. The vessel may be reached on VHF-FM channel 13 and 16. The project superintendent can be reached at (571) 422-7954. Mariners should use caution when transiting the area. (MB)

Chesapeake Bay - US 50/US 301 (William P. Lane Jr. Memorial) (Eastern Channel) Westbound Bridge - Maintenance will be conducted from July 10, 2017, through June 20, 2019; 24 hours a day; 7 days a week. The work will involve bridge spans 44-49, broken into two phases. The first phase will commence on July 10, 2017, with spans 47-49, and the second phase for spans 44-46 (span 45 is the navigational span) will commence on a later date to be published via an updated LNM. A work platform will be attached to the underside of bridge which will reduce the vertical clearance of the bridge spans by approximately 2 feet. A barge and work vessels will be in and around the vicinity of the bridge. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (910) 228-9164. Mariners should use caution when transiting the area. (MT)

Curtis Creek - I-695 Bridge –Maintenance will be performed from January 8, 2018, through November 30, 2018, 24 hours a day. During the maintenance period, barges will be placed in the navigable channel, reducing the horizontal clearance to between 128 feet and 160 feet. The bascule spans will be placed in the open-to-navigation position or opened on signal, if at least a one-hour notice is given, as provided in 33 CFR 117.557. Barges will relocate outside of the navigable channel, if at least a one-hour notice is given. Vessels may contact the project engineer at (410) 330-7332 or project manager at (410) 377-9655 concerning bridge openings and navigation safety. Vessels engaged in bridge maintenance may be contacted via VHF-FM channels 13 or 16. Mariners should use caution when transiting the area during the scheduled maintenance period. (HP)

Neale Sound - Bridge No. 0803800 (MD-254) Bridge - Construction activities will begin on May 21, 2018, and are expected to conclude on August 31, 2020. Work hours are from 6 a.m. to 6 p.m., seven days a week. 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)

Chesapeake Bay - US 50 (William Preston Lane Jr.) Memorial Bridge - To facilitate the work, the top navigation light on the north and sound sides of the west bound suspension bridge at mid span will be temporarily removed from July 17, 2018 to January 14, 2019. Mariners should use caution when transiting the area. (MS)

Kent Island Narrows - S.R. 18-B (Main Street) Bridge - Inspection will be conducted from 9 a.m. through 3 p.m.; Monday-Friday; on September 3, 2018, through October 12, 2018. A bucket inspection vessel will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and the inspection vessel will relocate from the moveable span and navigable channel, upon request. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (302) 383-8844. Mariners should notify the project foreman at least 5 minutes prior transiting the bridge and should use caution when navigating through the area. (MT)

Chesapeake Bay - US 50/301 (William Preston Lane Jr. Memorial) Bridge - Underwater inspections will be conducted from October 8, 2018, to March 1, 2019, from 7 a.m. to 4 p.m. A 25ft dive boat will be utilized during the inspections and will be moored to the bridge pier and fender system during dive operations. Mariners should use extreme caution when transiting the areas. (MS)

Potomac River - US 301 (Harry W Nice Memorial) Bridge - Underwater inspections will be conducted from October 8, 2018, to March 1, 2019, from 7 a.m. to 4 p.m. A 25ft dive boat will be utilized during the inspections and will be moored to the bridge pier and fender system during dive operations. Mariners should use extreme caution when transiting the areas. (MS)

Assawoman Bay - US 50 Bridge across, mile 36.8, at Ocean City, MD. Bridge inspections will be conducted from September 10, 2018, to October 26, 2018, from 8 a.m. to 5 p.m. A small boat will be utilized during the inspections. Inspection personnel and equipment will be operating in proximity to the navigable channels, but do not anticipate any disruption to marine traffic and will relocate to facilitate passage of marine traffic. Mariners should use extreme caution when transiting the areas. (MS)

Assawoman Bay & St Martin River - SR 90 Bridge Bridge inspections will be conducted from September 10, 2018, to October 26, 2018, from 8 a.m. to 5 p.m. A small boat will be utilized during the inspections. Inspection personnel and equipment will be operating in proximity to the navigable channels, but do not anticipate any disruption to marine traffic and will relocate to facilitate passage of marine traffic. Mariners should use extreme caution when transiting the areas. (MS)

Assawoman Bay and St Martins River - US 90 Bridge - Biennial bridge inspections will be performed from October 2, 2018 –October 25, 2018; Monday through Friday, from 9 a.m. to 3 p.m., at the US 90 bridges over the above waterways. The inspections will be conducted from a snoopier truck mounted on the bridge deck. Inspection personnel and equipment will be in proximity to the navigable channel when operating the inspection bucket; however, inspection crews do not anticipate any disruption to marine traffic and will relocate from the navigable channel upon request for passage from waterborne vessels. Mariners are advised to exercise caution when transiting the area. (KB)

Wicomico River (North Prong) - US50 (W Salisbury Parkway) Bridge – A temporary deviation from the current operating regulation will be in place to facilitate cleaning and painting of the bridge. Under this temporary deviation, the bridge will remain in the closed-to-navigation position from 6 a.m. on October 5, 2018, through 6 a.m. on December 31, 2018. This deviation allows the bridge to remain in the closed-to-navigation position and open on signal if at least 24 hours' notice is given. The drawbridge is a bascule bridge with a vertical clearance in the closed-to-navigation position of 4 feet above mean high water. Mariners can request an opening by calling (410) 430-7461. Mariners should use caution when transiting the area. (MB)

Wicomico River (North Prong) - A temporary deviation from the current operating regulation will be in place to facilitate cleaning and painting of the bridge. Under this temporary deviation, the bridge will remain in the closed-to-navigation position from 6 a.m. on October 5, 2018, through 6 a.m. on December 31, 2018. This deviation allows the bridge to remain in the closed-to-navigation position and open on signal if at least 24 hours' notice is given. The drawbridge is a double bascule bridge with a vertical clearance in the closed-to-navigation position of 1 foot above mean high water. Mariners can request an opening by calling (410) 430-7461. Mariners should use caution when transiting the area. (MB)

- **Washington DC**

Potomac River - Arlington Memorial Bridge - On or about June 11, 2018 the Arlington Memorial Bridge Rehabilitation Project will commence. To establish safe access for workers from the crew boats to the bridge structure during, platforms will be installed to the existing bridge and a floating platform (small barge) will be on site, located between Abutments 2 and 3 near the middle of the river. The 5-foot to 6-foot wide access platforms will take 3 weeks to install, during daylight hours, and the access will be installed for the duration of the project, which will continue until late 2020 or early 2021. Though located within the center arch, the work is outside of the 80-foot wide federal navigation channel. Marine equipment on site will include a small crew boat (with marine radio) and a 10-foot wide by 40-foot long floating platform (barge). All marine equipment will be lighted in accordance with USCG regulations. More substantial bridge rehabilitation work is scheduled to start in July 2018. Mariners are urged to use caution when transiting the area, remain alert for on-water activity at the bridge and access area, and reduce speed to minimize wake near the work site. Interested mariners can contact the bridge project's tender boat via marine band radio VHF-FM channel 16 during the work period. 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)

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 2021. The current work consists of building the temporary West Trestle from the western shoreline out to the center of the Federal Channel. A work barge will be stationed in the western/down bound side of the Federal channel during trestle construction and properly lit. The existing western and center fender piers will also be partially demolished, south of the existing bridge. The western half of the Federal channel is currently closed as demarcated by the white exclusion buoys upstream and downstream of the bridge. The East Trestle is also being constructed, which will extend from the eastern shoreline to the east side of the Federal channel. Multiple barges and push vessels are supporting this activity. The eastern half of the Federal channel, east of the center fender pier, will be open for navigation at all times. Construction work will be conducted Mondays through Saturday, between 7 a.m. and 7 p.m., with no pile driving work on Saturday. 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 caution when transiting the area, control wake, and operate at minimum speed necessary to maintain safe course near the work site. Interested mariners can contact the vessels "Ms. Becky" or "Claire Marie" via marine band radio VHF-FM channels 16 and 13 when actively working on the river. (MB)(RH)

- **Virginia (Northern)** - None

SECTOR HAMPTON ROADS

- **Virginia (Southern)**

Lynnhaven Inlet – US 60/John A. Lesner (fixed) Bridge – Work is in progress through August 30, 2019 for a new replacement bridge at essentially the same location. The new bridge will have a vertical clearance of 45 feet above MHW, along with a horizontal clearance of 150 feet between face of the fenders. A dredge material placement site will be located southwest of the existing bridge, adjacent to the boat ramp facility and used as a staging area. The contractor will access the lay down and staging area via the waterway through a proposed temporary bulkhead. (HP)

James River - I-295, Varina-Enon Bridge - Maintenance will be conducted between Monday, July 9, 2018, and Tuesday, May 14, 2019; M-F; from 7 a.m. to 3:30 p.m. All work will be conducted outside the navigable channel and should not interfere with vessels within the navigable channel. No vertical or horizontal restrictions are anticipated. Mariners should remain vigilant and use caution when transiting the area. (MB)

James River - US 17/US 258/SR 32 (James River Bridge) Bridge – Bridge will be maintained in the closed-to-navigation position to facilitate bridge maintenance of the bridge vertical lift span. The bridge will maintained in the closed position from 7 a.m. on September 26, 2018, through 12:01 a.m. on September 28, 2018. The bridge will not be able to open for emergencies. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. Mariners should adjust their transits accordingly and should use caution when transiting the area. (MT)

Rappahannock River - US 3 (Robert O. Norris) Bridge – Bridge inspection will be conducted between October 1, 2018 and November 2, 2018; from 9 a.m. to 3 p.m. The inspection will require a movable bridge inspection vehicle to use their boom under the bridge reducing the vertical clearance by approximately 10 feet. The vehicle can relocate if necessary with 10 minutes notice. The inspection vehicle can be reached at 757-288-2963, and the marine vessel may be reached on VHF-FM channels 13 and 16. The inspection will require a bucket boat and a small vessel to be working in and around the navigable channel. Mariners should use caution when transiting the area. (MB)

SECTOR NORTH CAROLINA

- **North Carolina**

Gallants (Beaufort) Channel – US 70/Grayden Paul (fixed) Bridge – Work is in progress through 2018 (TBD), for construction of a high-level fixed bridge relocated between Radio Island and Michael J Field in Carteret County, and demolition of the existing bridge. The new high-level fixed bridge has a vertical clearance of 65 feet above mean high water and a horizontal clearance of 100 feet between pile bents. Tugboats and barges will be used and will monitor VHF channel 13 in the event that mariners need to contact the contractor. Waterway closures are being planned. (HP)

Oregon Inlet - Herbert C. Bonner Bridge – Construction activities for the replacement bridge will begin on March 7, 2016 and are expected to finish on August 30, 2019. Work will be on-going 24-hours per day, seven days a week. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new bridge. A work trestle/loading dock will be constructed approximately 200 yards south of the southeastern end of the existing Bonner Bridge, on the southwest side of South Point in Pamlico Sound, extending 150 feet southwesterly from the shoreline and terminate at approximately 35.766 N, 75.526 W. Running parallel to the dock will be a 245-foot breast-line comprised of eight 36-inch hollow pipe piles spaced fifty feet apart, to be used for mooring purposes. The breast-line will begin near shore and terminate at approximately 35.765N, 75.527 W. Each pile will be lit by a flashing white light. PCL Civil Constructors tugs and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The NCDOT Resident Engineer may be contacted at (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/>. (HP)

Currituck Sound - US 158 (Wright Memorial) Bridge - Maintenance will be conducted from 7 a.m. to 7 p.m.; 7 days a week; from October 03, 2017, through December 1, 2018. A 40 ft. barge, several work boats, several work platforms and a team of divers will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channels 13 and 16. The project foreman can be reached at (252) 340-2471 or (936) 404-9514. Mariners should notify the work foreman no less than one hour prior to transiting through the bridge and should use caution when navigating the area. (MT)

Cape Fear River - US 17 Cape Fear Memorial Bridge – Bridge will be maintained in the closed-to-navigation position and will require a four hour advanced notice to open from 12:01 a.m. on June 15, 2018, to 5 p.m. on November 30, 2018, for maintenance. A work platform will be attached underneath the movable span and will reduce the vertical clearance to 57ft in the closed position and 127ft in the open position. 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 and there is no immediate alternate route for vessels unable to pass through the bridge in the closed position. Mariners should use caution when transiting the area. (MS)

Atlantic Intracoastal Waterway (Boque Sound) - SR 1184 (Atlantic Beach Bridge) – Bridge maintenance will be conducted from 7 a.m. to 7 p.m.; Monday-Saturday; October 8, 2018, through March 15, 2019. A crane barge, a material barge, several tugs, several work vessels and work platforms will be located in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (703) 855-8519 or (910) 859-9403. Mariners should notify the work foreman no less than thirty minutes prior to transiting through the bridge. Mariners should use extreme caution navigating through the area. (MT)

FUTURE PROJECTS:

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 HAMPTON ROADS

- **Virginia (Southern)** – None

SECTOR NORTH CAROLINA

- Mid-Currituck Sound (fixed) Bridge – Proposed new fixed structure.
- 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. (HP)

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

VA - MD – CHESAPEAKE BAY – DISTANCE SAILING REGATTA

The annual "The Great Chesapeake Bay Schooner Race" is scheduled to occur on the Chesapeake Bay during October 11-12, 2018. The race consists of up to 30 participating sailing vessels of various fleets and classes (from 20 to 160 feet in length), departing from Fells Point in Baltimore, MD on Thursday, October 11, 2018 at 8:30 a.m., then proceeding to the race start. The **START**, located outside the federal navigation channel just south of the William. P. Lane Jr. Memorial Bridges (US-50/301) near Annapolis, MD, is scheduled at approximately 1:30 p.m. A small spectator fleet is expected at the start of the race. The **FINISH**, expected to occur on Friday, October 12, 2018, is located at Windmill Point Light (LLNR 7330) and at Thimble Shoal Light (LLNR 9310) for specified vessel fleets and classes, and afterwards, participants will proceed to docking in Portsmouth, VA. More information is available at website www.gcbsr.org/. Interested mariners may contact the "Schooner Race Committee" on marine band radio VHF-FM channel 01A. Official patrol vessels at the start of the race can be contacted on marine band radio VHF-FM channel 16. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12270, 12280

****MD – CHESAPEAKE BAY – CHOPTANK RIVER – REGULATED AREA****

An international sail racing competition is scheduled to on the Choptank River during **Oct 7-15, 2018**, from noon until 5 p.m. each day. Up to 100 sail boats (23 feet in length) will race along a designated 2.5-mile long windward-leeward course located southwest of Oxford, MD. Participants will be supported by sponsor-provided watercraft. The Coast Guard will establish a regulated area for all navigable waters of the Choptank River, within an area bounded by the following coordinates: commencing at 38°41'39.02" N, 076°11'19.18" W, thence south to 38°37'28.68" N, 076°11'19.18" W, thence west to 38°37'28.68" N, 076°18'18.35" W, thence north to 38°41'39.027" N, 076°18'18.35" W, thence east to point of origin, located near Oxford, MD. Within the regulated area is a Race Area, which is a circle in shape with its center located at position latitude 38°39'48.00" N., 076°15'03.42" W., and is bounded by a line measuring approximately 2.5 nautical miles in diameter. All coordinates reference Datum NAD 1983. **The regulated area will be enforced from 11:30 a.m. until 5:30 p.m., each day, from October 7, 2018, through October 15, 2018.** The Captain of the port (COTP) Maryland-National Capital Region or Coast Guard Patrol Commander (PATCOM) may forbid and control the movement of all vessels and persons, including event participants, in the regulated area. When hailed or signaled by an official patrol, a vessel in the area shall immediately comply with the directions given. Failure to do so may result in the Coast Guard expelling the person or vessel from the area, issuing a citation for failure to comply, or both. Except for participants and vessels already at berth, a person or vessel within the regulated area at the start of enforcement of this section must immediately depart the regulated area. A spectator must contact the PATCOM to request permission to either enter or pass through the regulated area. The PATCOM, and official patrol vessels enforcing this regulated area, can be contacted on marine band radio VHF-FM channel 16 and channel 22A. If permission is granted, the spectator may enter the regulated area or pass directly through the regulated area as instructed by PATCOM. A vessel within the regulated area must operate at a safe speed that minimizes wake. A spectator vessel must not loiter within the navigable channel while within the regulated area. Only participant vessels and official patrol vessels are allowed to enter the race area. A person or vessel that desires to transit, moor, or anchor within the regulated area must first obtain authorization from the COTP Maryland-National Capital Region or PATCOM. A person or vessel seeking such permission can contact the PATCOM on VHF-FM channel 16. Mariners are urged to schedule their transits on this waterway beyond the enforcement times. For any comments or questions, contact Coast Guard Sector MD-NCR, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12266, 12268

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

The 2018 Annapolis Yacht Club's (AYC) sailing regattas are scheduled to occur in the Severn River and the Chesapeake Bay, near the mouth of the Severn River, between 10 a.m. and 4 p.m., with 18 individual events scheduled on the following dates: **October 6** (*Fall Series River Course* – 25 boats, 20-28 feet in length); **October 13-14** (*Fall Series Weekend 2* – 30 boats, 30-50 feet in length); **October 15-18** (*Warrior Sailing Project* – 8 boats, 22 feet in length); **October 20-21** (*Fall Eschells & Lippincott* – 25 boats, 23-31 feet in length); **October 27-28** (*Halloween Howl* – 50 boats, 8 feet in length, near Bembe Beach); **October 27-28** (*J/105 & J/35 Fall Championships* – 25 boats, 35 feet in length); and **November 4-December 9** (*Frostbite Series 1st Half* – 80 boats, 22-45 feet in length). Additional information can be obtained at the AYC Racing website: <http://www.annapolisyc.com/racing>. Interested mariners may contact the AYC Regatta Manager at (410) 858-4964. 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 – COVE POINT TO SANDY POINT AND SEVERN RIVER – SAILING REGATTAS

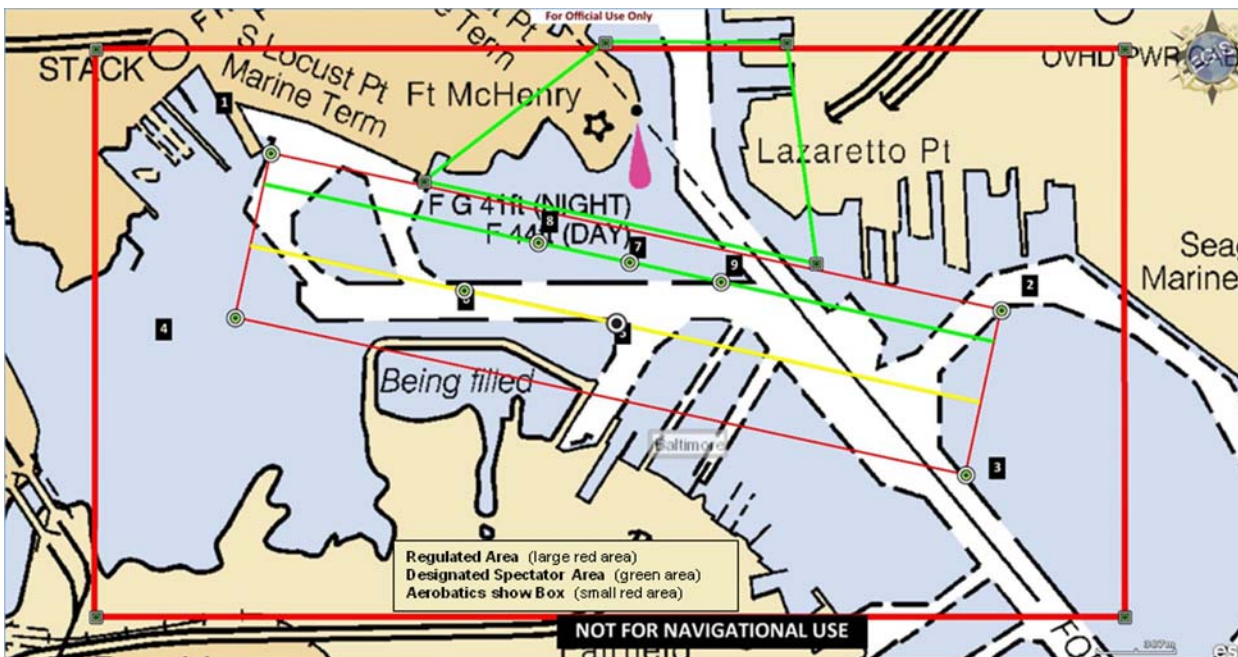
The Eastport Yacht Club's (EYC) annual sailing regattas are scheduled to occur in the Chesapeake Bay, between 9 a.m. and 5 p.m. Five individual events with competing auxiliary sailing vessels (20 to 45 feet in length) will occur near the mouth of the Severn River on the following dates in 2018: **October 20-21** (*J/70 Fall Brawl* - 30 participants) to start at 9 a.m.; and **Nov 24** (*Leftover Bowl* - 15 participants) to start at 12 noon. Information can be obtained at race.committee@eastportyc.org, and EYC Race Committee Chairman can be contacted on board the Mark Set Boat via VHF-FM channels 16, 05 and 73. For any comments or questions, contact Coast Guard Sector MD-NCR, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12270, 12283

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

Collegiate sailing regattas are scheduled to occur in the Chesapeake Bay near the mouth of the Severn River, between 11 am and 5 pm, on the following dates in 2018: **Oct 13-14** (*2018 McMillan Cup*) to start at or after 12 Noon on Saturday and at or after 10:30 a.m. on Sunday; and **Nov 3-4** (*2018 Kennedy Cup*) to start at or after 12 Noon on Saturday and at or after 10:30 a.m. on Sunday. Approximately 10 sailboats (44 feet in length) will compete within two designated race areas located (1) between Tolly Point and Thomas Point, and (2) between Hackett Point and Tolly Point. Practices may occur during the morning before scheduled racing. Course markers colored orange and yellow will be used during the races. Interested mariners can contact the Naval Academy Offshore Sailing Program during these events via VHF-FM channels 16 and 77. 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 12270, 12263

******MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – BALTIMORE HARBOR – REGULATED AREA******

The biennial Baltimore Air Show is scheduled to occur over the Patapsco River at Baltimore, MD during Oct 6-7, 2018. In addition to these air show performance dates, aerial site surveys are planned on both the afternoon of October 4, 2018 and the morning of October 5, 2018, and an air show rehearsal will be conducted the afternoon of Oct 5, 2018. As described in the Table to Title 33 CFR § 100.501 (b.) 23 and notice of enforcement of regulation [Docket No. USCG-2018-0725], a **regulated area** is established for all waters of the Patapsco River, within an area bounded by a line connecting position latitude 39°16'00" N., longitude 076°36'30" W.; thence east to latitude 39°16'00" N., longitude 076°33'00" W.; thence south to latitude 39°14'30" N., longitude 076°33'00" W.; thence west to latitude 39°14'30" N., longitude 076°36'30" W.; thence north to point of origin, located between Port Covington and Seagirt Marine Terminal, Baltimore, MD. The effect will be to restrict vessel traffic on the Patapsco River and its tributaries. **The regulated area will be enforced from 2:45 p.m. through 4:30 p.m. on October 4, 2018, from 10:30 a.m. through 5 p.m. on October 5, 2018, from 11:30 a.m. through 5 p.m. on October 6, 2018, and from 11:30 a.m. through 5 p.m. on October 7, 2018.** At no time will spectators be permitted to obstruct the federal navigation channel outside the regulated area. A designated spectator area is located within the regulated area, northward of, and immediately adjacent to, the marked aerobatics show box. This **spectator area** includes all waters of Patapsco River located between the north boundary defined by a line drawn from the vicinity of North Locust Point Marine Terminal, Pier 1 thence east to Canton Industrial area, Pier 5; the south boundary is defined by a line drawn from the vicinity of Whetstone Point thence east to Lazaretto Point. This area is located generally where Northwest Harbor, East Channel joins Patapsco River, Fort McHenry Channel, near Fort McHenry National Monument, Baltimore, MD. This area is bound by a line to the north commencing at position latitude 39°16'01" N., longitude 076°34'46" W.; thence east to latitude 39°16'01" N., longitude 076°34'09" W.; and bound by a line to the south commencing at position latitude 39°15'39" N., longitude 076°35'23" W.; thence east to latitude 39°15'26" N., longitude 076°34'03" W. This spectator area is restricted to certain vessels as described in § 100.501 paragraph (g)(2). Only commercial small passenger vessels holding a valid Certificate of Inspection regulated under 46 CFR subchapters K and T (46 CFR §§114.110, and 175.110) will be authorized within this designated on-water spectator area. Vessels that meet the requirements of this section may request access to the Patapsco River spectator area by contacting the Sail Baltimore at (410) 522-7300 or email info@sailbaltimore.org to obtain a vessel spectator area application. Vessel spectator area applications shall be submitted no later than 10 calendar days prior to the event date. Applicants will be notified by the Captain of the Port or representative regarding status of applications and further instructions. All vessels shall contact the Patrol Commander on VHF-FM channels 16 or 22A prior to transiting to the spectator area to confirm entry approval. Vessels approved for spectator area access shall follow the instructions issued by the Patrol Commander when entering the regulated area, including remaining at least 100 yards from commercial waterfront facilities and piers. The regulations for this event will restrict access to some of the anchorage grounds listed at 33 CFR §110.158, Baltimore Harbor, MD, specifically (1) Anchorage No. 1, (2) Anchorage No. 2, (3) Anchorage No. 3 Upper, and (4) Anchorage No. 3 Lower. An **aerobatics show box** is located within the regulated area. This area generally encompasses the eastern part of the Patapsco River-Middle Branch, south of Fort McHenry National Monument, and is bound by a line connecting the following points: commencing at position latitude 39°15'43.5" N., longitude 076°35'54.3" W.; thence east to latitude 39°15'18.6" N., longitude 076°33'25.1" W.; thence south to position latitude 39°14'52.6" N., longitude 076°33'32.5" W.; thence west to latitude 39°15'17.5" N., longitude 076°36'01.6" W; thence to point of origin. Several unlit, floating information and regulatory marks (white and orange) will be established along the boundary of the aerobatics show box located within the regulated area. In addition, two stationary vessels and three large orange inflatable floating markers will be established within the aerobatics show box to assist air show performers as visual references during practices and performances. All coordinates reference Datum NAD 1983. The Patrol Commander or designated marine event patrol may forbid and control the movement of all vessels and persons in the regulated area. When hailed or signaled by an official patrol vessel, a vessel or person in the regulated area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of any vessel in the regulated area shall: (i) Stop the vessel immediately when directed to do so by any Official Patrol and then proceed only as directed, (ii) All persons and vessels shall comply with the instructions of the Official Patrol, (iii) When authorized to transit the regulated area, all vessels shall proceed at the minimum speed necessary to maintain a safe course that minimizes wake while within the regulated area. The Patrol Commander or designated marine event patrol on Marine Band Radio, VHF-FM channel 16 (156.8 MHz). **Updates on the status of the regulated area will be made via Broadcast Notice to Mariners over VHF-FM marine band radio.** Patrol Commander means a commissioned, warrant, or petty officer of the U. S. Coast Guard who has been designated by the Commander, Coast Guard Sector Maryland-NCR. Official Patrol means any vessel assigned or approved by Commander, Coast Guard Sector Maryland-NCR with a commissioned, warrant, or petty officer on board and displaying a Coast Guard ensign. Marine Event Patrol means any vessel assigned by the Coast Guard, as described in 33 CFR §100.40, to patrol the event. Vessels or persons violating the regulation may be liable pursuant to 33 U.S.C. 1236. The maximum civil monetary penalty for violation of 33 U.S.C. 1236 is found at 33 CFR 27.3 (Penalty Adjustment Table). Questions regarding this article can be directed to the Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at email D05-DG-SectorMD-NCR-MarineEvents@uscg.mil, or telephone (410) 576-2674 or (410) 576-2519.



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

An annual fundraising sailing regatta is scheduled to occur in on the Patapsco River on **October 13, 2018**, between 11 a.m. and 4 p.m. Up to 45 sailboats (20 to 50 feet in length) will start at 12 Noon and compete along a designated sail race course located between the Fort McHenry National Shrine and Historic Site at Baltimore, MD and Fort Carroll, with a finish in Baltimore's Inner Harbor. More information is available at website www.ussconstellationcup.org/. Interested mariners can contact the race committee via marine band radio VHF-FM channel 72. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12281

******MD – CHESAPEAKE BAY – 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 **October 20, 2018**, between 11 a.m. to 7 p.m. Approximately 70 sail boats (20 to 60 feet in length) of various classes and fleets will compete on a designated course starting at Baltimore Light (LLNR 8035) and finishing near Fells Point at Baltimore, MD. More information can be obtain at Baltimore City Yacht Association website www.bcya.com/hcup/. Interested mariners may contact the race committee boat via marine band radio VHF-FM channel 72. 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 – BALTIMORE HARBOR – SAILING REGATTA WEEKLY SERIES

The annual sailboat racing weekly series will occur in Baltimore Harbor each Tuesday evening, from Apr 10, 2018 through **Oct 16, 2018**, from 6 p.m. to 9 p.m. Approximately 30 sail boats in three fleets (20 to 40 feet in length) will compete in a single race on a designated course located between the Francis Scott Key (I-695) Memorial Bridge and the Fort McHenry National Monument and Historic Shrine at Baltimore, MD. For more information, see the Baltimore City Yacht Association's (BCYA) website: www.bcya.com or contact the BCYA Race Committee on VHF-FM channel 72. For any 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 – BALTIMORE HARBOR – NORTHWEST HARBOR – SAILING REGATTA WEEKLY SERIES

An annual sailboat racing weekly series will continue in Baltimore Harbor each Thu evening from Apr 19 through **Oct 4, 2018**, between 5:30 pm and 8:30 pm. Up to 13 sailboats (22 feet in length) will compete along a designated course located in one of three areas in Northwest Harbor: (A) Entrance to Inner Harbor, northwest of Domino Sugars wharf; (B) West Channel, east of Tide Point; or (C) East Channel, south of the Canton Waterfront Park. Participants will be supported by sponsor provided vessels. Mariners may contact the Downtown Sailing Center's Race Committee on VHF-FM Channels 16 and 71. For any comments contact Coast Guard Sector MD-NCR, Waterways Management Division, at (410) 576-2674, (410) 576-2693. Chart 12281

MD – BALTIMORE HARBOR – NORTHWEST HARBOR – BALTIMORE INNER HARBOR - PARADE OF SAIL

The annual "The Great Chesapeake Bay Schooner Race Parade of Sail" is scheduled to occur in Baltimore's Inner Harbor on Wednesday, **Oct 10, 2018**, between 4:30 p.m. and 6 p.m. Approximately 25 sailing vessels (35 to 175 feet in length) will depart the Anchorage Marina in the Northwest Harbor (West Channel), and operate along a loop-shaped parade course (twice) within Baltimore's Inner Harbor at Baltimore, MD, then return to Anchorage Marina. Interested mariners may contact the event coordinator via marine band radio VHF-FM Channels 16 and 72, if necessary. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, at telephone (410) 576-2674 or (410) 576-2693. Chart 12281

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

A series of six weekly short-duration, aerial fireworks displays are scheduled to occur along the Potomac River every Saturday between November 10, 2018 and **December 15, 2018** (rain date December 22, 2018), at approximately 5:30 p.m. The fireworks will be launched from the end of the commercial pier at National Harbor, MD, in approximate position latitude 38° 47' 14.1" N, longitude 077° 01' 04.7" W. Mariners are urged to use caution when transiting the area, and heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 500 feet from the fireworks discharge site. For any comments or questions contact Coast Guard Sector MD-NCR, at (410) 576-2674 or (410) 576-2693. Chart 12289

VA - CHESAPEAKE BAY - SCHOONER RACE

The Great Chesapeake Bay Schooner Race will take place beginning at 12:30 p.m. on October 11, 2018, and ending at 12 p.m. **October 13, 2018**. This sailboat race will start in the vicinity of Hackett's Point, Annapolis, MD, and finish at the Thimble Shoals Light, Hampton, VA. Mariners are requested to use bare steerage and caution when transiting the area. Chart 12245

******VA - CHESAPEAKE BAY - HAMPTON ROADS SAILBOAT RACE SERIES******

The Hampton Yacht Club Frostbite Series will occur every Sunday starting October 28, 2018, and ending November 25, 2018. This sailboat race will begin at 12 p.m. and ending at 4 p.m. This sailboat race will take place in the vicinity of Hampton Roads, VA. Mariners are requested to use bare steerage and caution when transiting the area. Chart 12245

VA - CHESAPEAKE BAY - HAMPTON ROADS HARBOR

The CCV Racing 2018 Fall series will be sponsoring a Handicap Sailboat Regatta occurring in the vicinity of Hampton Flats and Craney Island Flats, Hampton Roads, VA from 10:00 am to 5:00 p.m. on Sep 23, and **Oct 7, 2018**. Mariners are requested to use caution when transiting the area. Chart 12245

VA - CHESAPEAKE BAY - YORK RIVER - FIREWORKS

The West Point Crab Carnival will be held at the end of 7th Street, West Point, VA on **October 5, 2018**. A land fired aerial fireworks display will occur later that evening between 9:00-9:20 p.m. Mariners are requested to use caution when transiting the area and maintain a safe distance during the display. Chart 12244

VA - CHESAPEAKE BAY - PIANKATANK RIVER

The Fishing Bay Yacht Club will be sponsoring the Fall Series sailboat races occurring near the mouth of the Piankatank River in the vicinity of Deltaville, VA. This event will take place beginning at 10:00 a.m. and ending at 4:00 p.m. on October 7, October 20, and **October 27, 2018**. Mariners are requested to use caution and bare steerage when transiting the area.

Chart 12235

VA - LAKE ANNA STATE PARK

The Pleasants Landing Triathlon will take place in the vicinity of the Pleasants Landing Marina, Bumpass, VA, on October 13 and October 14, 2018. This swimming portion of this event will take place between 9:00 a.m. and 11:00 a.m. each day. Mariners are requested to use extreme caution when transiting the area.