



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

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## LOCAL NOTICE TO MARINERS

**District: 5**

**Week: 33/17**

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=lnmDistrict&region=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, 2017 Edition.  
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2017 (50th) Edition.  
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2016 (48th) Edition.

### NAVIGATIONAL INTERNET SITES

2017 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  
<http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>

D5 LNM Archived Back Issues

<https://www.navcen.uscg.gov/?pageName=lnmDistrict&region=5>

Chesapeake Bay Weather Buoys

<http://www.cbos.org>

Tides, Currents, PORTS

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

Weather

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

U.S. Army Corps of Engineers Wilmington District Survey Maps and Shoaling Surveys

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## ABBREVIATIONS

<u>A through H</u>	<u>I through O</u>	<u>P through Z</u>
ADRIFT - Buoy Adrift	I - Interrupted	PRIV - Private Aid
AICW - Atlantic Intracoastal Waterway	ICW - Intracoastal Waterway	Q - Quick
AI - Alternating	IMCH - Improper Characteristic	R - Red
B - Buoy	INL - Inlet	RACON - Radar Transponder Beacon
BKW - Breakwater	INOP - Not Operating	Ra ref - Radar reflector
bl - Blast	INT - Intensity	RBN - Radio Beacon
BNM - Broadcast Notice to Mariner	ISL - Islet	REBUILT - Aid Rebuilt
bu - Blue	Iso - Isophase	RECOVERED - Aid Recovered
C - Canadian	kHz - KiloHertz	RED - Red Buoy
CHAN - Channel	LAT - Latitude	REFL - Reflective
CGD - Coast Guard District	LB - Lighted Buoy	RRL - Range Rear Light
C/O - Cut Off	LBB - Lighted Bell Buoy	RELIGHTED - Aid Relit
CONT - Contour	LHB - Lighted Horn Buoy	RELOC - Relocated
CRK - Creek	LGB - Lighted Gong Buoy	RESET ON STATION - Aid Reset on Station
CONST - Construction	LONG - Longitude	RFL - Range Front Light
DAYMK/Daymk - Daymark	LNM - Local Notice to Mariners	RIV - River
DBN/Dbn - Daybeacon	LT - Light	RRASS - Remote Radio Activated Sound Signal
DBD/DAYBD - Dayboard	LT CONT - Light Continuous	s - seconds
DEFAC - Defaced	LTR - Letter	SEC - Section
DEST - Destroyed	LWB - Lighted Whistle Buoy	SHL - Shoaling
DISCON - Discontinued	LWP - Left Watching Properly	si - silent
DMGD/DAMGD - Damaged	MHz - Megahertz	SIG - Signal
ec - eclipse	MISS/MSNG - Missing	SND - Sound
EST - Established Aid	Mo - Morse Code	SPM - Single Point Mooring Buoy
ev - every	MRASS - Marine Radio Activated Sound Signal	SS - Sound Signal
EVAL - Evaluation	MSLD - Misleading	STA - Station
EXT - Extinguished	N/C - Not Charted	STRUCT - Structure
F - Fixed	NGA - National Geospatial-Intelligence Agency	St M - Statute Mile
fl - flash	NO/NUM - Number	TEMP - Temporary Aid Change
FI - Flashing	NOS - National Ocean Service	TMK - Topmark
G - Green	NW - Notice Writer	TRLB - Temporarily Replaced by Lighted Buoy
GIWW - Gulf Intracoastal Waterway	OBSCU - Obscured	TRLT - Temporarily Replaced by Light
HAZ - Hazard to Navigation	OBST - Obstruction	TRUB - Temporarily Replaced by Unlighted Buoy
HBR - Harbor	OBSTR - Obstruction	USACE - Army Corps of Engineers
HOR - Horizontal Clearance	Oc - Occulting	W - White
HT - Height	ODAS - Anchored Oceanographic Data Buoy	Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

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### SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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

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

LNM: 25/16

**\*\*\*\*NC – CAPE HATTERAS – NEW ISLAND\*\*\*\***

Dangerous rip currents have been reported around a newly formed island known as Shelley Island, off Cape Hatteras in approximate 35°12'50" N, 075°31'39"W. Swimming to and from the island is strongly discouraged. To report emergencies or if there are any questions or concerns, mariners should contact Coast Guard Sector North Carolina at (910) 343-3882.

Chart 11555

LNM: 27/17

**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&region=5>

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

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](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**

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, DGPS, and LORAN-C. 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, DGPS or LORAN 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](mailto:webmaster@navcen.uscg.mil) or on the World Wide Web at <https://www.navcen.uscg.gov>.

#### **\*\*\*\*NC - BEAUFORT INLET AND CORE SOUND - BARDEN INLET - SHOALING \*\*\*\***

The Coast Guard has temporarily discontinued 8 lateral aids to navigation in Barden Inlet, listed below due to extensive shoaling that is causing navigational safety issues. Heavy shoaling from Barden Inlet Light 26 to Barden Inlet Light 35 has progressed over the past few months making the waterway inaccessible. Under current conditions, the aids to navigation system can no longer be configured to safely mark a passable channel. Mariners are advised to check current US Army Corps survey at [http://saw-nav.usace.army.mil/FERRY\\_SIDE\\_SMALL\\_HARBORS/BACK\\_SOUND/Back\\_Sound\\_N.pdf](http://saw-nav.usace.army.mil/FERRY_SIDE_SMALL_HARBORS/BACK_SOUND/Back_Sound_N.pdf) before attempting their transit. Chart 11545

Temporarily Discontinue

Barden Inlet Buoy 27 (LLNR 29247)

Barden Inlet Buoy 28 (LLNR 29250)

Barden Inlet Buoy 30 (LLNR 29253)

Barden Inlet Buoy 31 (LLNR 29257)

Barden Inlet Buoy 33 (LLNR 29263)

Change Lateral Fixed Lights to Danger Daybeacons

Barden Inlet Light 26 (LLNR 29245)

Barden Inlet Light 32 (LLNR 29260)

Barden Inlet Light 35 (LLNR 29270)

Chart 11545

LNM: 32/17

#### **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) - 500 THRU 503, 505, 507, 511 THRU 515, 519, 520, 521-17.

Sector Delaware Bay (DB) - 178, 217, 227, 230, 234, 235, 236, 237, 238-17.

Sector Maryland National Capital Region (MD) - 246, 248, 249, 250, 251, 252, 253, AND 254-17.

Sector Hampton Roads (HR) - 261-17, 262-17, 263-17.

Sector North Carolina (NC) - 374, 376, 378, 379, 383, 385, 386, 387, 388, 389, 390, 391, 392, 393, 396, 397, 399, 400, 401-17.

## 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.	LNМ St	LNМ End
300	Turners Lump Lighted Bell Buoy 2TL	MISSING	12210	254DB	32/17	
350	Cape Charles Light	LT EXT	12222	384HR	18/13	
390	North Chesapeake Entrance Lighted Gong Buoy NCB	LT EXT	12208	247HR	30/17	
<b>530</b>	<b>Dam Neck Firing Zone Lighted Buoy A</b>	<b>MISSING</b>	<b>12208</b>	<b>261HR</b>	<b>33/17</b>	
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	
1460	Cape May Harbor Range Rear Light	LT EXT	12317	208DB	30/17	
1485	Delaware Bay Approach Lighted Whistle Buoy CH	OFF STA	12214	230DB	32/17	
2030	Delaware Breakwater West End Light 3	LT EXT	12216	214DB	30/17	
2050	Harbor Of Refuge North End Light 1	STRUCT DEST/TRLB	12216	601D5	52/16	
2055	Delaware Bay East Icebreaker Light 2	STRUCT DEST/LT EXT	12216	186DB	20/16	
2472	Delaware Bay Main Channel Lighted Buoy 49	LT EXT	12311	126DB	20/17	
2835	Delaware River Lighted Gong Buoy 17	LT EXT	12311	094DB	17/17	
2865	Pea Patch Island Spawn Daybeacon PPD	STRUCT DEST	12311	352DB	37/16	
2915	Pea Patch Island Dike Warning Light B	STRUCT DEST/HAZ NAV	12311	351DB	37/16	
3135	Marcus Hook Range Front Light	REDUCED INT	12312	444DB	32/16	
3290	Tinicum Range Rear Light	LT EXT	12313	168DB	19/16	
3740	Torresdale Lower Range Front Light	LT IMCH	12314	100DB	17/17	
3785	Upper Delaware River Channel Lighted Buoy 20	LT EXT	12314	169DB	25/17	
3800	Mud Island Upper Range Rear Light	LT EXT	12314	220DB	31/17	
3820	Enterprise Lower Range Front Light	REDUCED INT	12314	141DB	15/16	
3845	Enterprise Upper Range Rear Light	REDUCED INT	12314	140DB	15/16	
<b>3860</b>	<b>Upper Delaware River Channel Lighted Buoy 30</b>	<b>LT EXT</b>	<b>12314</b>	<b>238DB</b>	<b>33/17</b>	
3935	Devlin Lower Range Front Light	REDUCED INT	12314	144DB	22/17	
4150	Kinkora Upper Range Rear Light	LT EXT	12314	616DB	47/15	
6015	Virginia Inside Passage Light 126	DAYMK MISSING	12210	140HR	20/17	
6160	Virginia Inside Passage Daybeacon 163	STRUCT DEST/TRLB	12210	226HR	14/15	
6390	Virginia Inside Passage Daybeacon 221	STRUCT DEST/TRUB	12224	014HR	02/16	
6485	Virginia Inside Passage Daybeacon 244	TRLB/STRUCT DEST	12224	339HR	44/12	
6495	Virginia Inside Passage Daybeacon 245A	MISSING/TRUB	12224	420HR	22/15	
6695	Virginia Inside Passage Light 126	DAYMK MISSING	12210	140HR	20/17	
6855	Great Machipongo Inlet Daybeacon 13	TRLB/STRUCT DEST	12210	467HR	34/15	
6920	Great Machipongo Channel Light 8	STRUCT DEST/TRLB	12210	159HR	22/16	
6991	Sand Shoal Channel Daybeacon 3	STRUCT DEST/TRUB	12224	421HR	29/15	
6992	Sand Shoal Channel Light 4	LT EXT/STRUCT DMGD	12224	016HR	02/16	
6992	Sand Shoal Channel Light 4	STRUCT DEST/TRLB	12224	230HR	28/17	
6993	Sand Shoal Channel Daybeacon 5	STRUCT DEST/TRUB	12224	422HR	29/15	
6994	Sand Shoal Channel Light 7	REDUCED INT	12210	140HR	21/16	
7145	Chesapeake Channel Lighted Buoy 22	OFF STA	12222	213HR	26/17	
7750	Bloody Point Bar Light	LT EXT	12270	418MD	52/16	
8090	Craighill Channel Upper Range Front Light	LT EXT	12281	242MD	31/17	
8155	Brewerton Channel Range Rear Light	LT EXT	12281	167MD	35/16	
9090	Courthouse Point Obstruction Buoy	MISSING	12273	230MD	30/17	

9110	Back Creek Channel Range Rear Light	LT EXT	12277	211MD	29/17
9310	Thimble Shoal Light	LT EXT	12245	048HR	07/17
9730	U.S. Navy Deperming Range Light	LT EXT	12253	355HR	41/16
9732	U.S. Navy Deperming Range Z-LOOP Platform Light South	LT EXT	12253	356HR	41/16
9810	Portsmouth Marine Terminal Lighted Buoy 2PM	LT EXT	12253	243HR	30/17
10530	Little Creek Harbor Light 8	LT EXT	12255	257HR	32/17
11055	Bennett Creek Buoy 5	MISSING	12248	216HR	26/17
11987	James River Channel Lighted Buoy 44	LT EXT	12248	258HR	32/17
12130	Swann Point Shoal Channel Range Front Light	LT EXT	12248	231HR	28/17
12675	James River Channel Light 143	LT EXT	12252	165HR	22/17
12705	James River Channel Light 151	LT EXT	12252	164HR	22/17
13295	White House Cove Daybeacon 1A	STRUCT DEST/TRUB	12238	177HR	23/17
13383	Back Creek - Mobjack Bay Daybeacon 5	STRUCT DEST/TRUB	12241	139HR	20/17
13555	York River West Range Rear Light	LT EXT	12238	253HR	31/17
13930	Upper York River Channel Light 14	LT EXT	12243	251HR	31/17
14265	Severn River Light 3	LT EXT	12238	248HR	30/17
14370	Blackwater Creek Light 2	LT EXT	12238	191HR	25/17
17260	Wicomico River Warning Daybeacon	DAYMK MISSING	12286	323MD	24/15
18560	Fort Washington Light 80	LT EXT	12289	190MD	26/17
18675.1	Four Mile Run Wreck Buoy WR6A	OFF STA	12285	246MD	31/17
19420	Rockhold Creek Channel Daybeacon 15	STRUCT DEST/TRUB	12266	050MD	08/17
19527	Rhode River Lighted Wreck Buoy WR5	MISSING	12270	073MD	12/17
19885	Eastport Harbor Entrance Light 2E	MISSING/STRUCT DEST/TRLB	12283	145MD	19/17
21380	North Channel Buoy 8	MISSING	12222	249HR	30/17
21665	Nassawadox Creek Warning Daybeacon H	STRUCT DEST/HAZ NAV/TRUB	12226	074HR	12/16
24760	Fishing Creek Daybeacon 2	STRUCT DEST/HAZ NAV/TRLB	12264	366MD	44/16
25500	Tred Avon River Daybeacon 22	STRUCT DEST/TRLB	12266	156MD	23/17
<b>28020</b>	<b>Oregon Inlet Buoy 11</b>	<b>OFF STA</b>	<b>12204</b>	<b>397NC</b>	<b>33/17</b>
28650	Hatteras Inlet Lighted Buoy 4	OFF STA	11555	345NC	29/17
28660	Hatteras Inlet Lighted Buoy 6	MISSING	11555	066NC	09/17
28665	Hatteras Inlet Lighted Buoy 7	OFF STA/LT EXT	11555	206NC	09/17
28722.7	Barney Slough Channel Lighted Buoy 10	ADRIFT	11555	379NC	31/17
28900	Ocracoke Inlet Buoy 1	BUOY DMGD/DAYMK IMCH	11550	294NC	26/17
29430	Morehead City Channel Range Front Light	LT EXT	11547	037NC	05/16
29435	Morehead City Channel Range Rear Light	STRUCT DEST	11547	389NC	27/14
29495	Bogue Inlet Lighted Buoy 1	OFF STA	11541	368NC	31/17
29497	Bogue Inlet Buoy 1A	OFF STA	11541	369NC	31/17
29950	New River Channel Daybeacon 55	STRUCT DEST/TRUB	11542	724NC	49/16
30020	New Topsail Inlet Buoy 7	MISSING	11541	405NC	31/16
30025	New Topsail Inlet Buoy 8	OFF STA	11541	406NC	31/16
30275	Carolina Beach Inlet Buoy 3	OFF STA	11534	240NC	23/17
30420	Oak Island Channel Daybeacon 2	STRUCT DEST/TRLB	11534	214NC	19/17
30740	Upper Liliput Range Rear Light	REDUCED INT	11534	383NC	32/17
30970	Northeast Cape Fear River Turning Basin Light	STRUCT DEST/TRLB	11537	068NC	09/17
31015	Lockwoods Folly Inlet Buoy 2	OFF STA	11534	697NC	47/16
31135	Calabash Creek Daybeacon 7	STRUCT DEST/TRUB	11534	748NC	51/16
31170	Whale Head Bay Light 1	STRUCT DEST/TRLB	12204	221NC	18/15
<b>31241.4</b>	<b>Currituck Sound Research Platform E</b>	<b>LT EXT</b>	<b>12204</b>	<b>399NC</b>	<b>33/17</b>
31365	Powells Point Daybeacon 2PP	DAYMK MISSING	12204	307NC	26/17
31497	Albemarle Sound Warning Daybeacon H	STRUCT DEST/TRUB	12205	390NC	31/17

31501	Albemarle Sound Warning Daybeacon K	STRUCT DEST/TRUB	12205	389NC	31/17
31502	Albemarle Sound Warning Daybeacon L	STRUCT DEST/TRUB	12205	374NC	29/17
31530	Perquimans River Light 8	LT EXT	12205	359NC	15/17
31575	Bull Bay Warning Daybeacon	STRUCT DEST	12205	300NC	26/17
31632	Albemarle Sound Daybeacon 4AS	DAYMK MISSING	12205	393NC	32/17
32130	Far Creek Channel Light 10	LT EXT	11548	386NC	32/17
32221	Buxton Harbor Lighted Wreck Buoy WR8	OFF STA	11555	367NC	31/17
32250	Avon Channel Light 1AV	STRUCT DEST/TRLB	11555	358NC	16/17
32285	Avon Channel Light 8	DAYMK MISSING	11555	271NC	25/17
<b>32910</b>	<b>Pungo River Light 7</b>	<b>REDUCED INT</b>	<b>11553</b>	<b>400NC</b>	<b>33/17</b>
33565	Long Bay Light 2	LT EXT	11544	385NC	32/17
33795	Dawson Creek Entrance Daybeacon 2	STRUCT DEST/TRUB	11552	328NC	27/17
34185	Neuse River Channel Daybeacon 58	STRUCT DEST/TRUB	11552	311NC	26/17
34315	Trent River Daybeacon 20	TRLB/STRUCT DEST	11552	523NC	39/15
34525	Core Sound Light 25	LT EXT	11545	333NC	28/17
34595	Oyster Creek Daybeacon 3	STRUCT DEST/TRLB	11550	409NC	31/16
34640	Core Sound Light 41	STRUCT DEST/TRLB	11545	246NC	22/17
34810	Beaufort Harbor Channel Lighted Buoy 1BH	TRLB	11547	365NC	15/17
<b>35020</b>	<b>New Jersey Intracoastal Waterway Daybeacon 13</b>	<b>DAYMK DMGD</b>	<b>12324</b>	<b>236DB</b>	<b>33/17</b>
35310	New Jersey Intracoastal Waterway Daybeacon 80	STRUCT DMGD/TRLB	12324	079DB	04/16
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	085DB	15/17
35400	New Jersey Intracoastal Waterway Daybeacon 102	STRUCT DEST/TRLB	12316	005DB	18/15
36280	New Jersey Intracoastal Waterway Daybeacon 342	STRUCT DEST/TRLB	12316	096DB	17/17
36745	Cape May Harbor Light 8	STRUCT DEST/DAYMK MISSING	12317	303DB	31/16
36935	Deep Creek Daybeacon 1	STRUCT DEST	12253	256HR	32/17
<b>38115</b>	<b>Pungo River Light 7</b>	<b>REDUCED INT</b>	<b>11553</b>	<b>400NC</b>	<b>33/17</b>
38200	Goose Creek Light 15	STRUCT DEST/TRLB	11553	387NC	32/17
38895	Bogue Sound Daybeacon 14	STRUCT DEST/TRUB	11541	361NC	30/17
39575	New River - Cape Fear River Daybeacon 108	STRUCT DEST/TRLB	11541	265NC	23/17
39655	New River - Cape Fear River Light 137	STRUCT DEST/TRLB	11541	378NC	31/17
39705	New River - Cape Fear River Daybeacon 150	STRUCT DEST/TRLB	11534	344NC	28/17
39870	New River - Cape Fear River Daybeacon 174	STRUCT DEST/TRUB	11534	321NC	27/17
40105	Cape Fear River - Little River Daybeacon 26	STRUCT DEST/TRUB	11534	376NC	31/17
40130	Cape Fear River - Little River Daybeacon 36	STRUCT DEST/TRUB	11534	330NC	28/17
40325	Cape Fear River - Little River Light 77	STRUCT DEST/TRLB	11534	310NC	09/17

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
660	Ocracoke Light	RELIGHTED	11550	395NC	32/17	33/17
3120	Delaware River Lighted Buoy 40	WATCHING PROPERLY	12312	221DB	31/17	33/17
4415	Indian River Inlet Buoy 15	WATCHING PROPERLY	12216	218DB	30/17	33/17
6605	Wachapreague Inlet Buoy 1	RELOCATED	12210	513D5	18/17	33/17
6610	Wachapreague Inlet Buoy 2	RELOCATED	12210	513D5	42/16	33/17
8010	Craighill Channel Entrance Lighted Buoy 2	WATCHING PROPERLY	12282	239MD	30/17	33/17
8077	Craighill Channel Lighted Buoy 13	RELIGHTED	12282	254MD	33/17	33/17
10965	Sunset Creek Junction Light SC	RELIGHTED	12245	260HR	32/17	33/17

## DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LN M St	LN M End
9	Ocean Power Lighted Data Buoy A	MISSING	12323	585DB	49/13	
74	Fishermens Energy Research Lighted Data Buoy B	MISSING	12318	012DB	04/17	
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	
2137	Bakers Channel Lighted Buoy 1B	BUOY DMGD/LT EXT	12216	592DB	44/15	
4346	Upper Delaware River Pipeline Outfall Buoy	MISSING	12314	129DB	18/12	
4875	Thorofare Channel Buoy 3	SINKING	12211	029DB	05/16	
4895	Thorofare Channel Buoy 8	BUOY DMGD	12211	285MD	32/16	
4900	Thorofare Channel Buoy 10	OFF STA	12211	121MD	09/15	
4925	Ocean Pines Yacht Club Light 2	LT EXT	12211	398MD	29/15	
4991.07	Little Assawoman Bay Daybeacon 6	STRUCT DEST	12211	341DB	35/16	
4991.08	Little Assawoman Bay Daybeacon 7	STRUCT DEST	12211	342DB	35/16	
4991.16	Little Assawoman Bay Daybeacon 15	DAYMK MISSING	12211	491HR	38/15	
4991.22	Little Assawoman Bay Daybeacon 21	STRUCT DMGD	12214	490HR	38/15	
5165	Chincoteague Bay State Boundary Line Buoy B	OFF STA/DAYMK IMCH	12211	024HR	04/14	
5175	Chincoteague Bay State Boundary Line Buoy D	DAYMK IMCH	12211	429HR	46/12	
5180	Chincoteague Bay State Boundary Line Buoy E	DAYMK IMCH	12211	430HR	46/12	
5185	Chincoteague Bay State Boundary Line Buoy F	MISSING	12211	431HR	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	
7669	UMCES Lighted Data Buoy JI	MISSING	12264	439MD	36/14	
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	OFF STA	12253	328HR	35/14	
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	
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	
<b>10762.04</b>	<b>Lafayette River Northern Branch Daybeacon 4</b>	<b>DAYMK MISSING</b>	<b>12245</b>	<b>NONEHR</b>	<b>33/17</b>	



<b>10762.05</b>	<b>Lafayette River Northern Branch Daybeacon 5</b>	<b>DAYMK MISSING</b>	<b>12245</b>	<b>262HR</b>	<b>33/17</b>
10762.1	Lafayette River Northern Branch Daybeacon 12	DAYMK MISSING	12245	252HR	26/14
10881	HRSD Newport News Point Outfall Lighted Buoy BH	LT EXT	12245	217HR	26/17
10962	Hampton River Channel Buoy 22	DAYMK DMGD	12245	NONEHR	16/16
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
12958	Back River South Channel Daybeacon 8	DAYMK IMCH	12238	193HR	12/15
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
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
16612	Coan River Marina Buoy 1	MISSING	12233	121MD	10/15
16613	Coan River Marina Buoy 2	MISSING	12233	121MD	10/15
16614	Coan River Marina Buoy 3	MISSING	12233	121MD	10/15
16757	St. George Creek Buoy 9	OFF STA	12233	233MD	30/17
16853	Potomac River Sandy Point Lighted Data Buoy A	MISSING	12233	282MD	20/14
17712	Potomac River Morgantown Lighted Mooring Buoy A	BUOY DMGD/LT EXT	12287	199MD	21/16
17845	Nanjemoy Creek Buoy 5	OFF STA	12288	497BA	45/15
18075	Possum Point Pier Light	LT EXT	12288	448MD	37/15
18170	Leesylvania Park Light 2	LT EXT	12288	449MD	37/15
18601.01	National Harbor Channel Light 3	STRUCT DEST/HAZ NAV	12289	144MD	12/16
18793.1	Tanner Creek Warning Daybeacon A	DAYMK MISSING	12233	179MD	23/13
18793.2	Tanner Creek Daybeacon 1	DAYMK MISSING	12233	178MD	23/13
19260	Chalk Point Cable Crossing Tower Light 27	LT EXT	12264	213MD	29/17
19265	Chalk Point Cable Crossing Tower Light 28	LT EXT	12264	214MD	29/17
19270	Chalk Point Cable Crossing Tower Light A	LT EXT	12264	215MD	29/17
19275	Chalk Point Cable Crossing Tower Light B	LT EXT	12264	216MD	29/17
19277	Chalk Point Cable Crossing Tower Light 29	LT IMCH	12264	217MD	29/17
19278	Chalk Point Power Light 30	LT IMCH	12264	218MD	29/17
19279	Chalk Point Tower Light C	LT IMCH	12264	219MD	29/17
19280	Chalk Point Tower Light D	LT IMCH	12264	220MD	29/17
19512	West River Buoy 7	OFF STA	12270	271MD	32/16
19612	South River Warning Buoy A	MISSING	12270	193MD	06/13
19613	South River Warning Buoy B	OFF STA	12270	194MD	06/13
20063	Severn River - Mill Creek Buoy 11	SINKING	12283	238BA	16/15

20210	Forked Creek Daybeacon 2	DAYMK MISSING	12282	240MD	18/14
21362	North Locust Point Marine Terminal Pier 7 Warning Buoy A	MISSING	12281	569MD	01/15
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
22985	Ward Creek Warning Daybeacon A	MISSING	12231	503MD	31/05
23315	Jones Creek Daybeacon 4	DAYMK MISSING	12231	402MD	44/08
23340	Jones Creek Daybeacon 12	DAYMK DMGD	12231	620MD	45/11
23670	Dorchester/Somerset County Line Marker DD	STRUCT DEST/TRUB	12231	166MD	13/15
23715	Dames Quarter Creek Channel Daybeacon 4	OFF STA/TRUB	12261	242MD	24/07
23720	Dames Quarter Creek Channel Daybeacon 5	STRUCT DEST/TRUB	12261	260MD	30/16
25010	Cambridge Municipal Yacht Basin Light 1	MISSING	12266	316MD	40/12
25015	Cambridge Municipal Yacht Basin Light 2	MISSING	12266	317MD	40/12
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
25760	Upper Edge Creek Daybeacon 5	STRUCT DEST/HAZ NAV	12266	011MD	02/15
26030	Claiborne Channel Warning Daybeacon	STRUCT DEST	12270	NONEMD	08/16
26036	Claiborne Channel Buoy 5	MISSING	12266	NONEMD	08/16
26038	Claiborne Channel Buoy 6	MISSING	12270	093MD	08/16
26039	Claiborne Channel Warning Buoy A	MISSING	12270	094MD	08/16
26040	Claiborne Channel Warning Buoy B	MISSING	12270	NONEMD	08/16
26210	Oak Creek Buoy 3	MISSING	12270	092MD	08/16
26225	Oak Creek Warning Buoy	STRUCT DEST	12270	265MD	35/12
26275	Cox Creek Daybeacon 5	MISSING	12270	184MD	24/13
26990	Shallow Creek Daybeacon 9	DAYMK MISSING	12278	NONEMD	20/11
27230	Upper Gunpowder River Buoy 2	OFF STA	12274	116MD	19/15
27240	Upper Gunpowder River Buoy 4	OFF STA/DAYMK MISSING	12274	116MD	19/15
27245	Upper Gunpowder River Daybeacon 5	STRUCT DEST	12274	116MD	19/14
27250	Upper Gunpowder River Buoy 6	DAYMK MISSING	12274	116MD	19/15
27255	Upper Gunpowder River Buoy 7	DAYMK MISSING	12274	116MD	19/15
27260	Upper Gunpowder River Daybeacon 8	DAYMK IMCH	12274	112HR	18/17
27265	Upper Gunpowder River Buoy 9	DAYMK MISSING	12274	116MD	19/15
27270	Upper Gunpowder River Buoy 10	OFF STA	12274	274MD	19/15
27280	Upper Gunpowder River Daybeacon 12	OFF STA	12274	116MD	19/15
27415	Fairlee Creek Buoy 8	OFF STA/BUOY DMGD	12278	361MD	28/14
27920	Upper Elk River Buoy 8	OFF STA	12274	127MD	16/13
27925	Upper Elk River Buoy 9	OFF STA	12274	128MD	16/13
27955	Upper Elk River Buoy 16	OFF STA	12274	227MD	29/17
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
31075	Shallotte Inlet Buoy 5	MISSING	11534	107NC	12/17
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

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
40017	Cape Fear River Warning Light A	LT EXT	11534	045NC	06/17
	Asquith Creek Daybeacon 6	DAYMK IMCH	12282	520MD	45/14
	Back Creek-Severn River Buoy 8	MISSING	12283	310BA	36/16
	Back River Buoy 6	BUOY DMGD		263MD	33/13
	Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
	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
	Cox Creek Channel Buoy 6 (Patapsco)	ADRIFT	12278	296MD	36/13
	Cox Creek Channel Buoy 7 (Patapsco)	ADRIFT	12278	297MD	36/13
	Crab Creek Buoy 1	OFF STA	12270	089MD	15/17
	East Cod Creek Daybeacon 2	DAYMK MISSING	12233	200MD	28/17
	East Cod Creek Daybeacon 4	DAYMK MISSING	12233	120MD	21/12
	East Cod Creek Daybeacon 5	DAYMK MISSING	12285	201MD	28/17
	East Cod Creek Daybeacon 6	DAYMK DMGD	12285	318MD	26/09
	East Cod Creek Entrance Daybeacon 1	DAYMK MISSING	12233	199MD	28/17
	Fox Hill Channel Daybeacon 4	DAYMK DMGD	12238	173HR	23/12
	Fox Hill Channel Daybeacon 6	STRUCT DEST	12238	174HR	23/12
	Grassy Sound North Pier Light	MISSING	12316	0068AC	41/12
	Grassy Sound South Pier Light	MISSING	12316	0069AC	41/12
	Harris River Approach Daybeacon 10	DAYMK DMGD	12238	NONEHR	05/12
	Hunting Creek Miles River Buoy 2	BUOY DMGD	12270	228MD	25/16
	Indian River Bay Shellfish Excl. Buoy	MISSING	12216	NONEAC	08/12
	<b>Jean Guite Creek Daybeacon 1</b>	<b>STRUCT DEST</b>	<b>12205</b>	<b>NONENC</b>	<b>33/17</b>
	<b>Jean Guite Creek Daybeacon 2</b>	<b>DAYMK IMCH</b>	<b>12205</b>	<b>NONENC</b>	<b>33/17</b>
	John's Creek Buoy 3	LT IMCH	12270	318HR	37/16
	Kitty Hawk Landing Daybeacon 1	DAYMK IMCH	12205	NONENC	30/17
	Kitty Hawk Landing Daybeacon 10	DAYMK IMCH	12205	NONENC	30/17
	Kitty Hawk Landing Daybeacon 2	DAYMK IMCH	12205	NONENC	30/17
	Kitty Hawk Landing Daybeacon 4	DAYMK IMCH	12205	NONENC	30/17
	Kitty Hawk Landing Daybeacon 6	DAYMK IMCH	12205	NONENC	30/17
	Kitty Hawk Landing Daybeacon 7	DAYMK IMCH	12205	NONENC	30/17
	Kitty Hawk Landing Daybeacon 8	DAYMK IMCH	12205	NONENC	30/17
	Kitty Hawk Landing Daybeacon 9	DAYMK IMCH	12205	NONENC	30/17
	Little Cove Point Warning Light C	STRUCT DEST	12264	286MD	36/13
	Mariner Point Park Channel Buoy 1	OFF STA	12273	116MD	19/17
	Mariner Point Park Channel Buoy 2	OFF STA	12273	114MD	19/17
	Old House Cove Warning Daybeacon A	MISSING	12231	0498MD	31/05
	Old House Cove Warning Daybeacon B	MISSING	12231	0499MD	31/05
	Old House Cove Warning Daybeacon C	MISSING	12231	0500MD	31/05
	Parramore Artificial Reef Buoy	MISSING	12210	0071ES	21/05
	Playtors Creek Dbn 3	STRUCT DEST	12266	186MD	18/16

Rumsey Island Buoy 1	OFF STA	12274	113MD	19/17
Shark Riv Is Ch By 1	MISSING		215DB	22/16
Shark River Light 5	LT EXT		395DB	28/15
St. Michaels Harbor Buoy 11	MISSING	12270	295MD	34/16
St. Michaels Harbor Buoy 6	SINKING	12270	177MD	16/16
Tilghman Island Harbor Buoy 1PC	MISSING	12266	140MD	21/17
Upper Seneca Creek Channel Buoy 2	OFF STA	12278	289MD	34/16
Upper Tangier Sound County Range Marker F	STRUCT DEST	12231	155MD	14/16
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
Warehouse Creek Buoy 1 (South River)	MISSING	12270	244MD	28/16

**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
35	Little Egg Inlet Outer Lighted Whistle Buoy LE	DISCONTINUED	12316	169D5	13/17	
865	Lockwoods Folly Inlet Lighted Whistle Buoy LW	DISCONTINUED	11534	307D5	18/17	
<b>1090</b>	<b>Oyster Creek Channel Buoy 38</b>	<b>RELOCATED FOR DREDGING</b>	<b>12324</b>	<b>505D5</b>	<b>33/17</b>	
<b>1099</b>	<b>Oyster Creek Channel Lighted Buoy 42</b>	<b>RELOCATED FOR DREDGING</b>	<b>12324</b>	<b>505D5</b>	<b>33/17</b>	
1100	Little Egg Inlet Outer Lighted Whistle Buoy LE	DISCONTINUED	12316	169D5	13/17	
1105	Little Egg Inlet Buoy 2	DISCONTINUED	12316	172D5	13/17	
1110	Little Egg Inlet Lighted Buoy 3	DISCONTINUED	12316	172D5	13/17	
1115	Little Egg Inlet Buoy 4	DISCONTINUED	12316	172D5	13/17	
1117	Little Egg Inlet Buoy 4A	DISCONTINUED	12316	172D5	13/17	
1120	Little Egg Inlet Lighted Buoy 5	DISCONTINUED	12316	172D5	13/17	
1125	Little Egg Inlet Lighted Buoy 6	DISCONTINUED	12316	172D5	13/17	
1129	Little Egg Inlet Buoy 8	DISCONTINUED	12316	172D5	13/17	
1131	Little Egg Inlet Lighted Buoy 10	DISCONTINUED	12316	172D5	13/17	

3295	Delaware River Lighted Buoy 55	TRUB	12312	430D5	26/17
9230	Thimble Shoal Channel Lighted Buoy 6	RELOCATED FOR DREDGING	12254	322D5	19/17
9235	Thimble Shoal Channel Lighted Buoy 7	RELOCATED FOR DREDGING	12254	322D5	19/17
9240	Thimble Shoal Channel Lighted Gong Buoy 8	RELOCATED FOR DREDGING	12254	322D5	19/17
9255	Thimble Shoal Channel Lighted Bell Buoy 9	RELOCATED FOR DREDGING	12254	322D5	19/17
9260	Thimble Shoal Channel Lighted Buoy 10	RELOCATED FOR DREDGING	12254	322D5	19/17
9265	Thimble Shoal Channel Lighted Buoy 11	RELOCATED FOR DREDGING	12254	322D5	19/17
9270	Thimble Shoal Channel Lighted Buoy 12	RELOCATED FOR DREDGING	12254	322D5	19/17
9275	Thimble Shoal Channel Lighted Buoy 13	RELOCATED FOR DREDGING	12254	322D5	19/17
9280	Thimble Shoal Channel Lighted Buoy 14	RELOCATED FOR DREDGING	12254	322D5	19/17
9285	Thimble Shoal Channel Lighted Buoy 15	RELOCATED FOR DREDGING	12245	322D5	19/17
9290	Thimble Shoal Channel Lighted Buoy 16	RELOCATED FOR DREDGING	12245	322D5	19/17
9295	Thimble Shoal Channel Lighted Buoy 17	RELOCATED FOR DREDGING	12245	322D5	19/17
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
<b>28065</b>	<b>Oregon Inlet Lighted Buoy 19</b>	<b>RELOCATED DUE TO SHOALING</b>	<b>12204</b>	<b>519D5</b>	<b>33/17</b>
<b>28070</b>	<b>Oregon Inlet Channel Buoy 21</b>	<b>RELOCATED DUE TO SHOALING</b>	<b>12204</b>	<b>519D5</b>	<b>33/17</b>
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
29655	New River Inlet Buoy 1	DISCONTINUED	11541	067D5	06/15
29660	New River Inlet Buoy 2	DISCONTINUED	11541	067D5	06/15
29665	New River Inlet Buoy 3	DISCONTINUED	11541	491D5	43/14
29670	New River Inlet Buoy 4	DISCONTINUED	11541	491D5	43/14
29680	New River Inlet Buoy 6	DISCONTINUED	11541	491D5	43/14
29700	New River Inlet Buoy 8	DISCONTINUED	11541	491D5	43/14
31005	Lockwoods Folly Inlet Lighted Whistle Buoy LW	DISCONTINUED	11534	307D5	18/17
31010	Lockwoods Folly Inlet Buoy 1	DISCONTINUED	11534	313D5	19/17
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

31030	Lockwoods Folly Inlet Buoy 6	DISCONTINUED	11534	240D5	17/17
31035	Lockwoods Folly Inlet Buoy 7	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
38440	Russell Slough Junction Light RS	TRLB	11541	143D5	11/17

**TEMPORARY CHANGES CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3120	Delaware River Lighted Buoy 40	LWP	12312	NONED5	25/17	33/17
3123	Delaware River Lighted Buoy 41	LWP	12312	NONED5	25/17	33/17
29525	Bogue Inlet Buoy 6A	LWP	11541	501D5	32/17	33/17
29530	Bogue Inlet Buoy 7	LWP	11541	501D5	32/17	33/17
29535	Bogue Inlet Buoy 8	LWP	11541	501D5	32/17	33/17
29536	Bogue Inlet Lighted Buoy 8A	LWP	11541	501D5	32/17	33/17
29537	Bogue Inlet Buoy 9	LWP	11541	501D5	32/17	33/17
34885	Town Creek Channel Buoy 2	Reestablished	11547	512D5	03/17	33/17

**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.

<b>11541</b>	<b>41st Ed.</b>	<b>01-NOV-15</b>	<b>Last LNM: 32/17</b>	<b>NAD 83</b>		<b>33/17</b>
<i>Chart Title: Intracoastal Waterway Neuse River to Myrtle Grove Sound</i>						
<b>CHART NC-AIWW - NEUSE RIVER TO MYRTLE GROVE SOUND. Page/Side: N/A</b>						
RELOCATE		Bogue Inlet Buoy 7			CGD05 from 34-38-55.951N	077-06-25.083W



RELOCATE	Wachapreague Inlet Buoy 1	from 37-34-28.571N to 37-34-26.181N CGD05	075-34-40.851W 075-34-38.981W
RELOCATE	Wachapreague Inlet Buoy 2	from 37-34-36.003N to 37-34-31.665N	075-34-38.202W 075-34-37.315W

**12216**      **29th Ed.**      **01-JUN-12**      **Last LNM: 27/17**      **NAD 83**      **33/17**

*ChartTitle: Cape Henlopen to Indian River Inlet; Breakwater Harbor*

**Main Panel 555 CAPE HENLOPEN TO INDIAN RIVER INLET. Page/Side: N/A**

CHANGE	Tabulation - ROOSEVELT INLET, LEWES AND REHOBOTH CANAL AND BROADKILL RIVER CHANNEL DEPTHS <a href="http://ocsddata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=274534">http://ocsddata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=274534</a> ; Tabulation - ROOSEVELT INLET, LEWES AND REHOBOTH CANAL AND BROADKILL RIVER CHANNEL DEPTHS (NOS NW-26445)	NOS 38-44-03.000N	075-08-45.000W
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**12221**      **83rd Ed.**      **01-JAN-17**      **Last LNM: 32/17**      **NAD 83**      **33/17**

*ChartTitle: Chesapeake Bay Entrance*

**Main Panel 558 CHESAPEAKE BAY ENTRANCE. Page/Side: A**

RELOCATE	York Spit Light	CGD05 from 37-12-35.006N to 37-12-35.066N	076-15-14.581W 076-15-14.581W
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**12225**      **61st Ed.**      **01-FEB-17**      **Last LNM: 31/17**      **NAD 83**      **33/17**

*ChartTitle: Chesapeake Bay Wolf Trap to Smith Point*

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

CHANGE	Depth Legend - Broad Creek to:; 6 FT MID-WIDTH 80 FT JUN 2015 (NOS NW-26441)	NOS 37-33-55.600N	076-18-44.900W
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**12235**      **35th Ed.**      **01-JAN-17**      **Last LNM: 30/17**      **NAD 83**      **33/17**

*ChartTitle: Chesapeake Bay Rappahannock River Entrance, Piankatank and Great Wicomico Rivers*

**Main Panel 571 RAPPAHANNOCK RIVER ENTRNCE PIANKATANK-GREAT WICOMICO RIVERS. Page/Side: A**

CHANGE	Depth Legend - Broad Creek to:; 6 FT MID-WIDTH 80 FT JUN 2015 (NOS NW-26441)	NOS 37-33-55.600N	076-18-44.900W
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**12238**      **42nd Ed.**      **01-JAN-17**      **Last LNM: 31/17**      **NAD 83**      **33/17**

*ChartTitle: Chesapeake Bay Mobjack Bay and York River Entrance*

**Main Panel 580 CHESAPEAKE BAY MOBJACK BAY AND YORK RIVER ENTRANCE. Page/Side: A**

RELOCATE	York Spit Light	CGD05 from 37-12-35.006N to 37-12-35.066N	076-15-14.581W 076-15-14.581W
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**12270**      **37th Ed.**      **01-DEC-15**      **Last LNM: 27/17**      **NAD 83**      **33/17**

*ChartTitle: Chesapeake Bay Eastern Bay and South River; Selby Bay*

**Main Panel 617 CHESAPEAKE BAY EASTERN BAY AND SOUTH RIVER. Page/Side: A**

ADD	Dotted Oyster Reef A PT 1 OF 5; Chart No. 1: K46.2 (NOS NW-26453)	NOS 38-52-46.600N	076-31-58.100W
ADD	Dotted Oyster Reef A PT 2 OF 5; Chart No. 1: K46.2 (NOS NW-26453)	NOS 38-52-47.300N	076-31-58.300W
ADD	Dotted Oyster Reef A PT 3 OF 5; Chart No. 1: K46.2 (NOS NW-26453)	NOS 38-52-49.300N	076-31-52.300W
ADD	Dotted Oyster Reef A PT 4 OF 5; Chart No. 1: K46.2 (NOS NW-26453)	NOS 38-52-48.700N	076-31-51.900W
ADD	Dotted Oyster Reef A PT 5 OF 5; Chart No. 1: K46.2 (NOS NW-26453)	NOS 38-52-47.600N	076-31-54.000W
ADD	Dotted Oyster Reef Label; Oyster Reef (auth min 1 ft) (NOS NW-26453)	NOS 38-52-47.960N	076-31-54.810W

**12280**      **11th Ed.**      **01-FEB-14**      **Last LNM: 27/17**      **NAD 83**      **33/17**

*ChartTitle: Chesapeake Bay*

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



RELOCATE York Spit Light

CGD05  
from 37-12-35.006N  
to 37-12-35.066N

076-15-14.581W  
076-15-14.581W

12311 47th Ed. 01-JAN-17 Last LNM: 31/17 NAD 83 33/17

ChartTitle: Delaware River Smyrna River to Wilmington

CHART NJ-DE- DELAWARE RIVER- SMYRNA RIVER. Page/Side: N/A

CHANGE Cherry Island Range Junction Lighted Bell Buoy CR to Delaware River  
Lighted Buoy 30, FI R 6s, at  
DELETE "BELL"

CGD05  
39-43-08.609N

075-30-16.511W

12312 57th Ed. 01-AUG-17 Last LNM: 32/17 NAD 83 33/17

ChartTitle: Delaware River Wilmington to Philadelphia

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

DELETE Cable Area P PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-26460)

DELETE Cable Area P PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-26460)

DELETE Pipeline Area BB PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area BB PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area D PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area D PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area E PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area E PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area H PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area H PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area J PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area J PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area K PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area K PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area N PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area N PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area R PT 1 OF 3; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area R PT 2 OF 3; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area R PT 3 OF 3; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area S PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area S PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area V PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area V PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area W PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area W PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area Y PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area Y PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)

DELETE Pipeline Area Z PT 1 OF 3; Chart No. 1: L40.2 (NOS NW-26460)

NOS 39-58-14.730N 075-05-13.380W

NOS 39-58-16.930N 075-05-14.910W

NOS 39-51-24.020N 075-14-53.840W

NOS 39-51-31.670N 075-14-52.400W

NOS 39-52-01.090N 075-13-30.590W

NOS 39-51-25.880N 075-13-02.960W

NOS 39-51-11.680N 075-15-27.380W

NOS 39-50-50.890N 075-15-22.560W

NOS 39-47-42.240N 075-24-20.220W

NOS 39-48-19.130N 075-24-59.740W

NOS 39-50-52.090N 075-15-14.930W

NOS 39-51-25.050N 075-15-07.540W

NOS 39-54-10.080N 075-08-02.370W

NOS 39-54-04.300N 075-07-41.140W

NOS 39-52-09.720N 075-13-09.050W

NOS 39-51-28.030N 075-12-45.870W

NOS 39-51-30.220N 075-15-45.110W

NOS 39-51-07.270N 075-15-39.770W

NOS 39-51-08.210N 075-15-41.040W

NOS 39-50-52.090N 075-15-14.930W

NOS 39-51-25.050N 075-15-07.540W

NOS 39-48-05.330N 075-25-13.980W

NOS 39-48-19.640N 075-25-24.140W

NOS 39-47-27.480N 075-25-02.280W

NOS 39-48-04.100N 075-25-27.750W

NOS 39-47-29.950N 075-25-04.640W

NOS 39-47-36.020N 075-25-12.030W

NOS 39-47-29.330N 075-25-37.660W

DELETE	Pipeline Area Z PT 2 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-47-33.030N	075-25-40.800W
DELETE	Pipeline Area Z PT 3 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-47-58.600N	075-26-34.680W
CHANGE	Cherry Island Range Junction Lighted Bell Buoy CR to Delaware River Lighted Buoy 30, F I R 6s, at DELETE "BELL"	CGD05 39-43-08.609N	075-30-16.511W
ADD	Pipeline Area AA PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-47-29.330N	075-25-37.660W
ADD	Pipeline Area AA PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-47-58.600N	075-26-34.680W
ADD	Pipeline Area B PT 1 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-14.730N	075-05-13.380W
ADD	Pipeline Area B PT 2 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-24.010N	075-04-38.880W
ADD	Pipeline Area B PT 3 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-21.810N	075-04-35.680W
ADD	Pipeline Area B PT 4 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-20.970N	075-04-33.260W
ADD	Pipeline Area B PT 5 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-21.010N	075-04-30.880W
ADD	Pipeline Area B PT 6 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-22.450N	075-04-27.060W
ADD	Pipeline Area C PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-54-12.200N	075-08-01.260W
ADD	Pipeline Area C PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-54-05.270N	075-07-40.840W
ADD	Pipeline Area F PT 1 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-11.680N	075-15-27.380W
ADD	Pipeline Area F PT 2 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-05.050N	075-15-23.430W
ADD	Pipeline Area F PT 3 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-50-58.840N	075-15-16.030W
ADD	Pipeline Area F PT 4 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-09.760N	075-15-17.200W
ADD	Pipeline Area F PT 5 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-14.580N	075-15-16.550W
ADD	Pipeline Area F PT 6 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-23.200N	075-15-12.910W
ADD	Pipeline Area G PT 1 OF 4; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-24.020N	075-14-53.840W
ADD	Pipeline Area G PT 2 OF 4; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-26.050N	075-14-51.630W
ADD	Pipeline Area G PT 3 OF 4; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-29.880N	075-14-43.530W
ADD	Pipeline Area G PT 4 OF 4; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-33.020N	075-14-41.880W
ADD	Pipeline Area I PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-48-05.330N	075-25-13.980W
ADD	Pipeline Area I PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-48-14.540N	075-25-19.120W
ADD	Pipeline Area L PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-52-00.140N	075-13-33.350W
ADD	Pipeline Area L PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-25.920N	075-13-05.410W
ADD	Pipeline Area M PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-52-10.460N	075-13-07.450W
ADD	Pipeline Area M PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-36.100N	075-12-46.980W
ADD	Pipeline Area O PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-08.210N	075-15-41.040W
ADD	Pipeline Area O PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-30.250N	075-15-46.220W
ADD	Pipeline Area Q PT 1 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-18.450N	075-05-27.080W
ADD	Pipeline Area Q PT 2 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-22.130N	075-05-23.680W
ADD	Pipeline Area Q PT 3 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-23.770N	075-05-18.340W
ADD	Pipeline Area Q PT 4 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-34.780N	075-04-37.980W
ADD	Pipeline Area Q PT 5 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-34.290N	075-04-34.320W

ADD	Pipeline Area Q PT 6 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-31.980N	075-04-30.900W
ADD	Pipeline Area T PT 1 OF 8; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-50-00.560N	075-22-32.600W
ADD	Pipeline Area T PT 2 OF 8; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-49-34.580N	075-21-56.890W
ADD	Pipeline Area T PT 3 OF 8; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-49-33.620N	075-21-54.080W
ADD	Pipeline Area T PT 4 OF 8; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-49-33.530N	075-21-51.120W
ADD	Pipeline Area T PT 5 OF 8; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-49-36.430N	075-21-46.870W
ADD	Pipeline Area T PT 6 OF 8; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-49-38.160N	075-21-46.420W
ADD	Pipeline Area T PT 7 OF 8; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-49-41.540N	075-21-47.740W
ADD	Pipeline Area T PT 8 OF 8; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-50-05.130N	075-22-20.210W
ADD	Pipeline Area U PT 1 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-47-51.100N	075-24-05.960W
ADD	Pipeline Area U PT 2 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-47-52.870N	075-24-07.510W
ADD	Pipeline Area U PT 3 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-48-19.130N	075-24-59.740W
ADD	Pipeline Area X PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-47-36.020N	075-25-12.030W
ADD	Pipeline Area X PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-48-04.100N	075-25-27.750W

12313      53rd Ed.      01-JAN-12      Last LNM: 31/17      NAD 83      33/17

ChartTitle: Philadelphia and Camden Waterfronts

**Extension 671 CONTINUATION TO BRAMELL POINT. Page/Side: N/A**

DELETE	Pipeline Area II PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-52-08.390N	075-13-08.550W
DELETE	Pipeline Area II PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-33.550N	075-12-48.480W
DELETE	Pipeline Area KK PT 1 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-06.960N	075-15-40.800W
DELETE	Pipeline Area KK PT 2 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-06.090N	075-15-39.760W
DELETE	Pipeline Area KK PT 3 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-30.300N	075-15-45.020W
DELETE	Pipeline Area LL PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-17.550N	075-15-29.490W
DELETE	Pipeline Area LL PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-50-51.020N	075-15-23.600W
DELETE	Pipeline Area NN PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-24.410N	075-14-54.360W
DELETE	Pipeline Area NN PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-30.770N	075-14-53.090W
DELETE	Pipeline Area PP PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-50-52.390N	075-15-14.540W
DELETE	Pipeline Area PP PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-25.030N	075-15-07.610W
ADD	Pipeline Area JJ PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-52-10.510N	075-13-07.490W
ADD	Pipeline Area JJ PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-36.210N	075-12-47.010W
ADD	Pipeline Area MM PT 1 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-17.550N	075-15-29.490W
ADD	Pipeline Area MM PT 2 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-05.500N	075-15-23.510W
ADD	Pipeline Area MM PT 3 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-50-58.930N	075-15-15.950W
ADD	Pipeline Area MM PT 4 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-11.230N	075-15-17.080W
ADD	Pipeline Area MM PT 5 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-15.630N	075-15-16.250W
ADD	Pipeline Area MM PT 6 OF 6; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-23.210N	075-15-12.670W
ADD	Pipeline Area OO PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-06.970N	075-15-40.790W

ADD	Pipeline Area OO PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-30.370N	075-15-46.270W
ADD	Pipeline Area QQ PT 1 OF 4; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-24.320N	075-14-54.450W
ADD	Pipeline Area QQ PT 2 OF 4; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-28.890N	075-14-45.110W
ADD	Pipeline Area QQ PT 3 OF 4; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-30.560N	075-14-42.930W
ADD	Pipeline Area QQ PT 4 OF 4; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-33.110N	075-14-41.980W

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

DELETE	Cable Area CC PT 1 OF 2; Chart No. 1: L30.2 (NOS NW-26460)	NOS 39-58-16.930N	075-05-15.040W
DELETE	Cable Area CC PT 2 OF 2; Chart No. 1: L30.2 (NOS NW-26460)	NOS 39-58-14.520N	075-05-13.240W
DELETE	Pipeline Area EE PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-52-07.520N	075-13-08.340W
DELETE	Pipeline Area EE PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-33.150N	075-12-48.460W
DELETE	Pipeline Area FF PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-54-09.910N	075-08-02.510W
DELETE	Pipeline Area FF PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-54-04.340N	075-07-41.290W
ADD	Pipeline Area DD PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-54-12.230N	075-08-01.390W
ADD	Pipeline Area DD PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-54-05.250N	075-07-40.920W
ADD	Pipeline Area GG PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-52-10.500N	075-13-07.490W
ADD	Pipeline Area GG PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-51-36.160N	075-12-47.020W
ADD	Pipeline Area HH PT 01 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-14.540N	075-05-13.260W
ADD	Pipeline Area HH PT 02 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-24.050N	075-04-38.900W
ADD	Pipeline Area HH PT 03 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-21.380N	075-04-34.700W
ADD	Pipeline Area HH PT 04 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-20.950N	075-04-32.320W
ADD	Pipeline Area HH PT 05 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-21.040N	075-04-30.440W
ADD	Pipeline Area HH PT 06 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-22.450N	075-04-27.150W
ADD	Pipeline Area HH PT 07 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-18.340N	075-05-26.250W
ADD	Pipeline Area HH PT 08 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-20.650N	075-05-25.360W
ADD	Pipeline Area HH PT 09 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-22.180N	075-05-23.430W
ADD	Pipeline Area HH PT 10 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-22.770N	075-05-21.850W
ADD	Pipeline Area HH PT 11 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-34.620N	075-04-39.060W
ADD	Pipeline Area HH PT 12 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-34.790N	075-04-37.340W
ADD	Pipeline Area HH PT 13 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-34.520N	075-04-35.170W
ADD	Pipeline Area HH PT 14 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-33.910N	075-04-33.540W
ADD	Pipeline Area HH PT 15 OF 15; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-31.990N	075-04-31.040W

12314      33rd Ed.      01-JUN-12      Last LNM: 31/17      NAD 83      33/17  
ChartTitle: Delaware River Philadelphia to Trenton

**Extension 673 DELAWARE RIVER EXTENSION-TOP PANEL. Page/Side: N/A**

DELETE	Pipeline Area TT PT 1 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-59-05.910N	075-04-04.370W
DELETE	Pipeline Area TT PT 2 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-59-03.210N	075-04-01.360W
DELETE	Pipeline Area TT PT 3 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-58.720N	075-03-52.150W

ADD	Pipeline Area RR PT 1 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-22.420N	075-04-36.660W
ADD	Pipeline Area RR PT 2 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-20.730N	075-04-30.620W
ADD	Pipeline Area RR PT 3 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-22.450N	075-04-27.180W
ADD	Pipeline Area SS PT 1 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-32.740N	075-04-45.380W
ADD	Pipeline Area SS PT 2 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-35.370N	075-04-36.300W
ADD	Pipeline Area SS PT 3 OF 3; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-32.000N	075-04-30.970W
ADD	Pipeline Area UU PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-59-05.910N	075-04-04.370W
ADD	Pipeline Area UU PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-26460)	NOS 39-58-58.720N	075-03-52.150W

### SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

#### SUMMARY OF ADVANCED APPROVED PROJECTS

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		

#### Advance Notice(s)

##### \*\*\*\*DE - NJ- DELAWARE RIVER MAIN CHANNEL- PEA PATCH ISLAND - AIDS TO NAVIGATION - DISCONTINUE\*\*\*\*

The Coast Guard will be discontinuing Pea Patch Island Dike Warning Light B (LLNR 2915) and Spawn Daybeacon PPD (LLNR 2865).  
Chart 12311 LNM: 27/17

##### \*\*\*\*PA - NJ - PHILADELPHIA TO TRENTON - UPPER DELAWARE RIVER – AID TO NAVIGATION ESTABLISHMENT\*\*\*\*

The Coast Guard will be establishing Upper Delaware River Channel Light 59 (LLNR 4073) in approximate position 40-07-45.010N, 074-48-56.040W. This new light will be located approximately 75 yards from channel edge SE of the entrance to Martins Creek and will be a multi-pile structure with dayboards, and show a FL G 2.5s characteristic.  
Chart 12314 LNM: 27/17

##### \*\*\*\*VA – MOBJACK BAY AND YORK RIVER ENTRANCE – CHANGES TO AIDS TO NAVIGATION\*\*\*\*

On or about August 14, 2017 the Coast Guard will make the following changes to the aids to navigation marking Goodwin Thorofare:  
Rename: Goodwin Thorofare Channel Light 2GT (LLNR 13310) to Back Creek Entrance Light 2BC (13310).  
Rename: Goodwin Thorofare Channel Light 3 (LLNR 13315) to Back Creek Entrance Light 3 (LLNR 13315) and change the flash characteristic to FI G 2.5s.  
Rename and change aid type: Goodwin Thorofare Channel Light 4 (LLNR 13320) to Back Creek Entrance Daybeacon 4 (LLNR 13320).  
Rename and change aid type: Goodwin Thorofare Channel Daybeacon 5 (LLNR 13325) to Back Creek Entrance Light 5 (LLNR 13325); with FI G 4s flash characteristic.  
Rename: Goodwin Thorofare Channel Daybeacon 7 (LLNR 13330) to Back Creek Entrance Daybeacon 7 (LLNR 13330).  
Back Creek-Mobjack Bay: remove "Mobjack Bay" from header  
Rename: Back Creek-Mobjack Bay Light 1BC (LLNR 13370) to Back Creek Light 1BC (LLNR 13370) and change the flash characteristic to FI G 2.5s.  
Rename: Back Creek-Mobjack Bay Daybeacon 2 (LLNR 13372) to Back Creek Daybeacon 2 (LLNR 13372).  
Rename: Back Creek-Mobjack Bay Daybeacon 3 (LLNR 13375) to Back Creek Daybeacon 3 (LLNR 13375).  
Rename: Back Creek-Mobjack Bay Daybeacon 4 (LLNR 13380) to Back Creek Daybeacon 4 (LLNR 13380).  
Rename: Back Creek-Mobjack Bay Daybeacon 5 (LLNR 13383) to Back Creek Daybeacon 5 (LLNR 13383).  
Rename: Back Creek-Mobjack Bay Daybeacon 6 (LLNR 13385) to Back Creek Daybeacon 6 (LLNR 13385).  
Rename: Back Creek-Mobjack Bay Daybeacon 7 (LLNR 13390) to Back Creek Daybeacon 7 (LLNR 13390).  
Charts: 12238 12241 LNM: 30/17

### 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			

**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](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

**VA – JAMES RIVER – JAMESTOWN ISLAND – PROPOSED CHANGE TO AIDS TO NAVIGATION**

Due to the continuing severe shoaling in the Jamestown Island waterway the majority of the aids to navigation are not marking best water. This shoaling has also limited the servicing vessels the Coast Guard can use to take corrective action. The Coast Guard is proposing converting the lateral aids to navigation to non-lateral (Danger Shoal) aids to navigation; until the structures can be removed.

Convert Jamestown Island:

- Daybeacon 4 (LLNR 12000) to Warning Daybeacon A.
- Daybeacon 5 (LLNR 12005) to Warning Daybeacon B.
- Daybeacon 6 (LLNR 12010) to Warning Daybeacon C.
- Daybeacon 8 (LLNR 12015) to Warning Daybeacon D.
- Daybeacon 9 (LLNR 12020) to Warning Daybeacon E.
- Daybeacon 13 (LLNR 12035) to Warning Daybeacon F.

Discontinue Jamestown Island:

- Buoy 12 (LLNR 12025).
- Buoy 11 (LLNR 12030).

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](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 September 19, 2017 to be considered in the analysis. Please reference project 05-17-104(D).

Send comments to [CGD5Waterways@uscg.mil](mailto: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: 12248 12251

LNM: 32/17

**VA – YORK RIVER YORKTOWN AND VICINITY – PROPOSED CHANGE TO AIDS TO NAVIGATION**

In association with the realignment and dredging project of the West Branch Channel; locally known as Wormley Creek, the Coast Guard is proposing making the following changes to the aids to navigation marking West Branch Channel.

West Branch Channel:

- Discontinue Light 1WB (LLNR 13595)
- Establish Light 2WB (LLNR 1359\*) at 37 13 14.925N—76 27 57.667W, flashing 2.5 second red light
- Discontinue Daybeacon 2 (LLNR 13600)
- Establish Daybeacon 3 (LLNR 1360\*) at 37 13 09.922N—76 28 00.584W
- Relocate Daybeacon 4 (LLNR 13605) to 37 13 05.647N—76 28 04.508W
- Establish Buoy 10 (LLNR 1365\*) at 37 12 52.080N—76 28 18.350W
- Discontinue Buoy 11 (LLNR 13655)
- Relocate Daybeacon 26 (LLNR 13700) to 37 12 51.923N—76 28 33.986W

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](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 September 19, 2017 to be considered in the analysis. Please reference project 05-17-067(D).

Send comments to [CGD5Waterways@uscg.mil](mailto: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: 12238 12241

LNM: 32/17

**NC – CAPE HATTERAS – PAMLICO SOUND – PROPOSED CHANGE TO AIDS TO NAVIGATION**

The Coast Guard is proposing to discontinue Hog Island Shoal Light (LLNR 32180) and change Hog Island Daybeacon 2A (LLNR 32185) to Hog Island Warning Daybeacon A (LLNR 32185). Currently these lateral aids do not align with any channel and could be misleading to mariners.

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](http://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 September 25, 2017 to be considered in the analysis. Please reference project 05-17-101(D).

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

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

Chart 11555

LNLM: 30/17

#### **NC – CAPE HATTERAS – PAMLICO SOUND – AVON CHANNEL - PROPOSED CHANGE TO AIDS TO NAVIGATION**

Due to significant shoaling in Avon Channel, the Coast Guard is proposing to discontinue Avon Channel Light 8 (LLNR 32285) and change Avon Channel Light 1AV (LLNR 32250) to Avon Channel Warning Light AV (LLNR 32250). Currently the Avon Channel has an average channel depth of less than 3 feet at MLW and primary servicing unit has no accessibility to service Avon Channel Light 8 (LLNR 32285).

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%20LNLM%202015%20Special%20Notice\\_Waterway\\_Proposal%20Feedback%20Form.pdf](http://www.navcen.uscg.gov/pdf/Inms/D05%20LNLM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf).

All comments will be carefully considered and are requested prior to September 25, 2017 to be considered in the analysis. Please reference project 05-17-102(D).

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

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

Chart 11555

LNLM: 30/17

#### **NC - BEAUFORT INLET AND SOUTHERN CORE SOUND - PROPOSED CHANGE TO AID TO NAVIGATION**

Due to severe shoaling, the Coast Guard is proposing to discontinue Sealevel Channel Buoy 3 (LLNR 34555). Sealevel Channel Buoy 3 (LLNR 34555) was reported missing and since the shoaling has worsened over time, it limits servicing vessels from taking corrective action.

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%20LNLM%202015%20Special%20Notice\\_Waterway\\_Proposal%20Feedback%20Form.pdf](https://www.navcen.uscg.gov/pdf/Inms/D05%20LNLM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf).

All comments will be carefully considered and are requested prior to September 25, 2017 to be considered in the analysis. Please reference project 05-17-099(D).

Send comments to ethan.j.coble@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: Ethan Coble

Chart 11545

LNLM: 30/17

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## **SECTION VII - GENERAL**

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

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#### **VA - ATLANTIC OCEAN - WALLOPS ISLAND ROCKET LAUNCHES**

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

Charts: 12210 12211

LNLM: 04/17

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

Live firing is conducted continuously 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 or concerns about these operations you may contact Range Operations and Training Area, Mr. Assaf or Ms. Lawrence at 757-422-7103/7101.

Charts: 12222 12254

LNLM: 19/16

#### **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.

Scheduled Firing: None at this time.

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. Please see Enclosure 7 for more information and warnings.

LNM: 01/16

#### **DE - CHESAPEAKE BAY - NANTICOKE RIVER - PROPOSAL TO MODIFY THE OPERATING SCHEDULE**

The Coast Guard proposes to modify the operating schedule that governs the SR 13 Bridge across the Nanticoke River, mile 39.6, at Seaford, DE. This proposal will allow the bridge open on signal on Saturday and Sunday; from 7:30 a.m. to 3:30 p.m., from November 1 through March 31, if at least 24 hours notice is given. A Notice of Proposed Rulemaking has been published in the Federal Register. Comments will be received for the record at the office of the Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004. Written comments on this proposal must be submitted on or before 05 SEP 2017. A copy of Public Notice 5-1378, which describes the proposal in detail, can be obtained by calling (757) 398-6422 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.

Chart 12261

LNM: 28/17

#### **PA - DE - NJ - LOWER DELAWARE RIVER - LISTON RANGE - DREDGING**



**PA - DE - NJ - LOWER DELAWARE RIVER - LISTON RANGE - DREDGING**

The Dutra dredge STUYVESANT will be conducting dredging operations in the Liston Range in the Delaware River Main Channel, between approximate positions 39-22-14.18N, 075-27-40.56W and 39-28-34.04N, 075-32-28.16W from August 07, 2017 to January 31, 2018. Dredging will be conducted 24 hours a day, 7 days a week. A tug and drag barge will be conducting bed leveling operations after the dredging in areas have been completed. Vessels are to ensure safe passage by contacting the Dutra dredge and work vessel via VHF-FM channel 12, 14 or 68. Mariners are advised to proceed with caution while operating at a minimum safe speed necessary to maintain steerage and reduce wake. Any questions can be directed to Sector Delaware Bay's 24 hour Command Center at 215-271-4807.

Chart 12304

LNM: 31/17

**DE - DELAWARE RIVER - WILMINGTON HARBOR --CHRISTINA RIVER - DREDGEING**

The Dredge CHARLESTON along with support equipment, tender boats, PUSHER 11, DUKE and CAPTAIN ED will commence dredging operations in Wilmington Harbor, Christina River, DE or about August 1, 2017. A submerged pipeline will be placed from the dredging area to the Wilmington Harbor North Disposal area, just north of the port. The project is expected to continue until approximately September 5, 2017. The Dredge operator will standby on channels 13 and 16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage. For any emergencies the dredge operator can be reached at 757-373-5253.

Chart 12312

LNM: 31/17

**DE/NJ - DELAWARE RIVER (MAIN CHANNEL) - DREDGING OPERATIONS**

The Dredges CHARLESTON and ESSEX along with support equipment, tender boats PUSHER 10, PUSHER 11, DUKE, ROBBIE R and CAPTAIN ED will commence dredging operations on the Delaware River or about August 20, 2017. At first the CHARLESTON will be working Marcus Hook Range and the ESSEX will be working in the Marcus Hook Anchorage. Over the next several months, work will be conducted in the Tinicum, Eddystone, Chester, Marcus Hook and Bellevue Ranges between August 2017 and March 2018. A submerged pipeline will be placed from each dredging area to the Oldman's Disposal area in New Jersey, near Oldman's Point. This first phase of the project is expected to continue until approximately March 31, 2018. The Dredge Operator will be standing by on Channels #13 and #16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage. For any emergencies the dredge operator can be reached at 757-373-5253.

Chart 12312

LNM: 32/17

**\*\*\*\*PA/NJ- DELAWARE RIVER - BILLINGSPOORT RANGE - PIPELINE REMOVAL \*\*\*\***

Mariners are advised Paulsboro Natural Gas Pipeline Company and Buckeye Partners, l.p. will be conducting diving and pipe removal operations in Billingsport Range on the Delaware River, from August 17, 2017 to October 31, 2017. A temporary safety zone will be established 150 yards around all working vessels and dive support vessels. A 140ft x 45ft barge and crane will be the main platform for diving activities and will have a tug assist along side. Divers will be conducting dive operations twice a day during slack tide. Dive flags will be flown and a safety vessel will be on scene.

During dive operations vessels should operate at the minimum safe speed necessary to maintain steerage and reduce wake. Work will be conducted during daylight hours only. Work vessels will monitor vhf-fm channel 13 and 16 and should be contacted at least 1 hour prior to arrival in order to request transit. Mariners are advised to proceed with caution when transiting the area.

Chart 12312

LNM: 33/17

**PA/NJ - PHILADELPHIA AND CAMDEN WATERFRONTS - SCHUYLKILL RIVER - BRIDGE REPLACEMENT**

All interested parties are notified that an application dated June 12, 2017, has been received from the City of Philadelphia by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of an existing railroad drawbridge over a navigable waterway of the United States, Schuylkill River, mile 5.47, at Philadelphia, Philadelphia County, PA. The purpose of this project is to provide safe, recreational passage for cyclists and pedestrians to cross the river, while maintaining dependable access for maritime traffic traveling along the Schuylkill River. This project is to provide a connection between the Grays Ferry Crescent portion of the Schuylkill River Development Corporation (SRDC) trail located on the east bank of the Schuylkill River and Bartram's Mile portion of the trail located on the west bank. The proposed project will include removing the existing Schuylkill River Railroad Drawbridge superstructure and replacing it with a new pedestrian drawbridge, while utilizing the existing piers and abutments, which will be reused in the new bridge construction. As part of the project, the proposed bridge will share a fender system with the Grays Ferry Avenue (highway) bridge. The existing drawbridge has a horizontal clearance of 75 feet (west) and 65 feet (east) and vertical clearances of 22 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The replacement bridge will be a drawbridge with a horizontal clearance of 75 feet (both spans) and a vertical clearance of 26 feet above mean high water in the closed position and unlimited vertical clearance in the open position. Comments on this proposal should be forwarded to the following address: 431 Crawford Street, Portsmouth, VA, 23704-5004 no later than 11 SEP 2017. A copy of Public Notice 5-1376, which describes the proposal in detail, can be obtained by calling (757) 398-6557 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.

Chart 12313

LNM: 32/17

**PA - NJ - DELAWARE RIVER - DELAIR MEMORIAL RAILROAD BRIDGE - DRAWBRIDGE TEMPORARY (TEST) 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 24, 2017, to 7:59 a.m. on October 21, 2017. 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 39-58-50.52N, 75-03-58.75W. 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 18, 2017. 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.

**PA – NJ – DELAWARE RIVER – DELAIR MEMORIAL RAILROAD BRIDGE - DRAWBRIDGE TEMPORARY (TEST) DEVIATION**

Chart 12314

LNM: 15/17

**\*\*\*\*NJ - CAPE MAY INLET – HAZARD TO NAVIGATION\*\*\*\***

The Captain Of The Port, Delaware Bay, is notifying mariners that a buried section of pipe approximately 1 mile south southeast of the Cape May Inlet is reducing the water depth from approximately 40 feet to between 34 and 24 feet along the shoal. The buried section of pipe is approximately 225 feet long and under approximately 20 feet of sand. The buried pipe and subsequent reduced depth is 38.919N 74.857W. Mariners are advised to use caution when

Transiting this area as some depths at mean low low water could be Hazardous to Navigation, especially during extreme weather events. Vessels drafting over 23 feet should pay particular attention to the Tide and proceed with caution in the vicinity of the shoal.

Chart 12214

LNM: 33/17

**NJ - BARNEGAT BAY - FORKED RIVER – DREDGING**

Great Lakes Dredging will commence dredging operations approximately August 10, and continue until Sep 2017 in the Forked River near Barnegat Bay, NJ. Dredging operations will begin in the Middle Branch channel and 3 booster pumps will be used. After Approximately 10 days the dredge will be repositioned to the southern spurs. Sections of pipeline and boosters will be pulled out of line as work areas are completed. Marine traffic through the river will still be possible during dredging operations. Boaters will be able to maneuver around dredge and boosters. Dredge and work vessels will monitor VHF-FM channels 13 and 16. Mariners are urged to remain 50 feet from the dredge and booster and contact the dredge and working vessel to make safe passing arrangements via VHF channels 13 or 16. Mariners are advised to proceed with caution when transiting the area.

Chart 12324

LNM: 32/17

**NJ – INTRACOASTAL WATERWAY – MANASQUAN RIVER TO CAPE MAY CANAL – MANAHAWKIN BAY – BRIDGE CONSTRUCTION**

A construction firm, on behalf of the New Jersey Department of Transportation, will continue marine construction in the vicinity of the existing and new Route 72 Bridges over Manahawkin Bay, at New Jersey Intracoastal Waterway mile 37.4, in Ship Bottom, Ocean County, NJ 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. An 80-foot by 80-foot barge will be placed in the navigation channel from July 25, 2017, to July 27, 2017; July 31, 2017, to August 1, 2017; and August 14, 2017, to August 15, 2017; from 6:00 a.m. to 5 p.m., to facilitate removal of the structural steel over the navigation channel. The barge will be moved outside the navigation channel outside of work hours. Vessels that need the barge to relocate from the navigation channel during work hours should contact the tug on VHF-FM channel 13 or demolition supervisor by telephone at least 2 hours prior to transiting the bridge. Vessels may contact the demolition crew supervisor at (732) 751-2088 or (732) 751-2020. Vessels and barges will be 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.

Chart 12324

LNM: 30/17

**NJ – GREAT EGG HARBOR BAY - GARDEN STATE PARKWAY BRIDGE – DEMOLITION**

An engineering firm, on behalf of the New Jersey Turnpike Authority, will be performing a bridge demolition project at the Garden State Parkway (southbound) Bridge across the Great Egg Harbor Bay, at mile 3.5, between Beesley's Point and Somers Point, NJ, from November 1, 2016 until February 28, 2018, 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. The old Garden State Parkway (southbound) Bridge across Great Egg Harbor Bay will be demolished and removed from the waterway. 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. A work trestle situated at the southwest end of the Garden State Parkway Bridge erected in 2013 in connection with the construction of the new southbound structures will be used for equipment staging and debris removal. Mariners should use extreme caution when transiting the area.

Chart 12316

LNM: 49/16

**MD – ANACOSTIA RIVER - SEDIMENT SAMPLING OPERATIONS**

AECOM and Cascade Technical Services will be conducting sediment sampling at various locations in the Anacostia River at Washington, DC during July 24, 2017- August 18, 2017. The work involves drilling for sediment sampling, sediment grab sampling, temporary shallow groundwater well installation and groundwater sampling operations conducted upstream of the 11th Street Bridge at mile 2.1 to the Benning Road Bridge at mile 4.7.

During that period, a 110-foot barge with drill rig and 21-foot tri-hull aluminum support vessel will be on scene anchored or spudded at sampling locations during day light hours only, and return to Columbia Island Marina before dark. Mariners are urged to use caution when transiting the area, and to operate at minimum wake speed needed to maintain safe course near the sediment sampling site. Interested mariners can contact the Smith Brothers Inc. tug Captain Kenneth via marine band radio VHF channels 16 and 13.

Chart 12289

LNM: 30/17

**MD – CHESAPEAKE BAY – TANGIER SOUND – TEMPORARY MOORING BUOYS**

From about July 24, 2017 until about October 30, 2017, Coastal Design and Construction will temporarily establish two mooring buoys on the west side of Smith Island (Rhodes Point), approximately 0.5 NM north of the entrance to Sheep Pen Gut, to support work barges. The buoys will be white with blue bands and rise 3 feet above the waterline.

Rhodes Point Temporary Mooring Buoy A 37-58-52N, 076-03-47W

Rhodes Point Temporary Mooring Buoy B 37-59-01N, 076-03-47W.

Chart 12228

LNM: 30/17

**MD – CHESAPEAKE BAY – TRED AVON RIVER – OYSTER REEFS**

The U.S. Army Corps of Engineers and Maryland Department of Natural Resources have placed alternate substrates on the bottom at fifteen sites

**MD – CHESAPEAKE BAY – TRED AVON RIVER – OYSTER REEFS**

to restore oyster reef habitat in the Tred Avon River oyster sanctuary in Talbot County, Maryland. In those areas, water depths are 1 foot shallower than what is currently shown on navigational charts. Please be vigilant when navigating through these areas. Please see Enclosure 7 for a general map. Finer scale maps, and coordinates of the restoration areas are available at: <http://go.usa.gov/cswPh>.

For more information or questions contact the USACE Project Manager, Louis Snead - 410-962-3691 or [louis.c.snead@usace.army.mil](mailto:louis.c.snead@usace.army.mil).

Chart 12266

LNM: 21/17

**MD – CHESAPEAKE BAY – SEVERN RIVERS - BRIDGE MAINTENANCE**

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing routine maintenance on the US 50 Bridge, at mile 4.3, across the Severn River, in Annapolis, MD. The maintenance will be conducted 24 hours, Monday-Saturday from August 7, 2017, through August 30, 2018. Two crane barges and two work boats will be in and around the vicinity of the bridge. The maintenance will require scaffolding to extend a maximum of three feet below the bridge, which will be inside the navigable channel. A minimum vertical clearance of 74.6 feet above mean high water will be attained. Mariners should use caution when transiting the area.

Chart 12282

LNM: 31/17

**MD – CHESAPEAKE BAY – BALTIMORE HARBOR – NORTHWEST HARBOR – MILITARY AMPHIBIOUS VEHICLE TESTING**

On water operational testing of approximately 55 of the BAE Systems 27-foot long Assault Amphibious Vehicles (AAV) is scheduled to occur in Baltimore, MD from January 2017 through early September 2017. Testing will be somewhat sporadic and done in intervals. The anticipated scenario is to test 2 to 4 vehicles every two to four weeks, involving an estimated 20 working days total over an 8 to 9 months period. Each AAV test will involve off load and loading of vehicles from a truck, entry to swim area with ramp or crane from the Baltimore Marine Center boat yard at 1800 S. Clinton Street in Canton, tethered leak check and approximately ½-hour swim operational checks for each vehicle. The AAV will be accompanied by a safety support boat with divers to provide recovery and to pull the vehicle back to shore, if necessary. Testing activity is expected to occur in water over 12 feet in depth and in reasonably calm conditions with relatively light boat traffic. Interested mariners may contact the Baltimore Marine Center at Lighthouse Point at 410-675-8888 or via marine band radio VHF-FM Channel 16 for more information.

Chart 12281

LNM: 02/17

**\*\*\*\*MD – SANDY POINT TO SUSQUAHANNA RIVER - ARTIFICIAL REEF INITIATIVE\*\*\*\***

The Maryland Artificial Reef Initiative will be deploying concrete reef material at the Love Point artificial reef site on or around August 16, weather permitting. The material will be deployed via crane at 39 04.000' N, 76 17.400' W, in approximately 27 feet of water. On the day of deployment a tug boat and barges carrying the crane and concrete will be spudded down on the site, and can be reached on VHF channel 16. Work is expected to last between 06:00 and 19:00. The Maryland Artificial Reef Coordinator can be reached at [Michael.Malpezzi@maryland.gov](mailto:Michael.Malpezzi@maryland.gov) <<mailto:Michael.Malpezzi@maryland.gov>> for questions.

Chart 12273

LNM: 33/17

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

Mariners are advised that 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 27-October 19, 2017. Temporary pilings, floating docks and submerged electrical cables will be placed in Annapolis Harbor. To support the in-water operations in Annapolis Harbor, long tows will occur across the Severn River, between Spa Creek and Carr Creek, from September 5-11, September 30-October 3, October 16-18 and October 23-28, 2017. During these periods, mariners are urged to use extreme caution when transiting the area, and to operate at reduced speed to minimize 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 marine band radio VHF-FM channel 71 or telephone (410) 263-7973.

Chart 12283

LNM: 33/17

**VA – COASTAL – CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET –TEMPORARY TEST LOCATIONS**

From about February 14 until about April 15, 2017, the US Navy will temporarily deploy submerged test equipment in three locations, approximately 4 nautical miles southerly from the entrance of Chincoteague Inlet and ranging from one to three nautical miles east of the entrance to Assawoman Inlet. The equipment will be marked with 2-foot diameter yellow floats. Mariners are advised to transit these three areas with caution:

USN Wallops Island Test Location A, 37-48-43.6N, 75-28-34.6W.

USN Wallops Island Test Location B, 37-48-19.6N, 75-28-05.9W.

USN Wallops Island Test Location C, 37-47-03.0N, 75-26-13.1W.

Chart 12210

LNM: 07/17

**\*\*\*\*VA - CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET -CHINCOTEAGUE INLET – LEWIS CREEK CHANNEL\*\*\*\***

Mariners are advised the SR 175 Bridge, over Lewis Creek Channel, mile 0.0, in Chincoteague, VA will be maintained in the closed-to-navigation position to facilitate bridge maintenance work. The bridge will remain in the closed position from Noon on September 20, 2017, through 6 p.m. on September 21, 2017. The bridge will not be able to open for an emergency and there is no immediate alternate route for vessels unable to pass through the bridge in the closed position while maintenance is being performed. Mariners able to pass under the closed span at (15 feet above Mean High Water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area.

Chart 12210

LNM: 33/17

**\*\*\*\*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 air drops and recovery, blank firing, UAV ops:

Fort Story Restricted Area, Aug through 22 Aug, 9:00 am to 4:00 pm.

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

Fort Story Restricted Area, Aug through 25 Aug 7:00 am to 12:00 pm.

Fort Story Restricted Area, 24 Aug, 9:00 am to 3:00 pm.

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.

Charts: 12222 12254

LNM: 01/17

**VA – CHESAPEAKE BAY – CAPE HENRY TO THIMBLE SHOAL LIGHT – LOST ANCHORS**

Three anchors have been lost in Anchorage A in the Restricted Area off Fort Story, VA, in an area bounded by the following coordinates.

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.

Chart 12254

LNM: 15/17

**VA – CHESAPEAKE BAY – CAPE CHARLES TO NORFOLK – KIPTOPEKE**

NOAA will be deploying a trawl resistant bottom mount and a collocated surface buoy water level and current meter at 37.24N, 76.17W, approximately 2.4NM west of Kiptopeke VA. The deployment is schedule to last 1 year from August to approximately January, 2018.

Charts: 12222 12224

LNM: 30/17

**VA - NORFOLK HARBOR AND ELIZABETH RIVER - BRIDGE MAINTENANCE**

An engineering firm, on behalf of Virginia Department of Transportation, will be performing maintenance at I-64 High Rise Bridge over Elizabeth River, mile 7.1, in Chesapeake, VA. The maintenance will be conducted from July 31, 2017 to January 12, 2018; 7 days a week from 7 a.m. to 5 p.m. A barge and work boats will be in and around the vicinity of the bridge. The work barge will reduce the horizontal navigational clearance to 70 feet for the duration of the project. Maintenance personnel, equipment and vessels will relocate from the navigable channel with 24 hour advanced notice for mariners that require additional clearance to navigate safely through the bridge. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (954) 214-9789. Mariners should use caution when transiting the area.

Chart 12253

LNM: 31/17

**CAPE CHARLES TO NORFOLK HARBOR – SALT PONDS - TEMPORARY BUOYS (PRIVATE)**

On or about June 27, 2017, the City of Hampton, Virginia will establish four temporary buoys to mark best water to address shoaling in the entrance to Salt Ponds. These buoys will be removed later this summer after the City dredges the waterway.

Salt Ponds Buoy 5TA 37-03-45.77N, 076-16-51.00W

Salt Ponds Buoy 5TB 37-03-46.33N, 076-16-52.37W

Salt Ponds Buoy 6TA 37-03-45.10N, 076-16-48.58W

Salt Ponds Buoy 6TB 37-03-46.26N, 076-16-50.58W

Chart 12222

LNM: 26/17

**VA – SEACOAST – CABLE SHIP OPERATIONS**

The Cable Ship DEPENDABLE will be installing a fiber optic telecommunications cable immediately offshore Virginia Beach, Virginia, to and beyond the seaward extent of the U.S. EEZ. Installation shall include use of towed and tethered equipment operated on the seafloor, limiting both vessel operational speeds and vessel maneuverability. Request all vessels keep fishing gear at least 1 nm from the cable ship to ensure safe operations, and avoid possible damage to cable, fishing gear, and/or vessels. Request all vessels maintain a minimum 1 NM CPA with respect to the cable ship DEPENDABLE call sign V7D16. The cable will be laid along a line created by the following positions.

Point 1 - N36 48.8377, W075 46.6648

Point 2 - N36 48.7909, W075 44.0427

Point 3 - N36 49.0156, W075 42.8558

Point 4 - N36 48.6822, W075 41.8411

Point 5 - N36 49.0241, W075 38.2222

Point 6 - N36 48.1706, W075 26.6043

Point 7 - N36 48.0359, W075 15.0087

Point 8 - N36 47.7689, W074 43.9783

Point 9 - N36 48.8380, W074 30.7113

Point 10 - N36 47.6077, W074 05.5247

Point 11 - N36 40.2219, W073 32.6707

Point 12 - N36 37.0566, W073 13.2932

Point 13 - N36 32.6436, W072 29.2047

Point 14 - N36 31.1031, W071 26.2372

Charts: 12200 12207 13003

LNM: 27/17

**VA – NC – OFFSHORE – SURVEY OPERATIONS**

The East Carolina University Wave Glider BLACKBEARD will be conducting survey operations between 1 Aug and 17 Aug 2017. The 10 foot long nautical drone will launch outside of Beaufort Inlet and survey the entire North Carolina coast from the South Carolina border to the Virginia border within 20 nautical miles of the shoreline. This mission will focus on a passive acoustic monitoring of the coast for spawning fish aggregations and marine mammals in the area. The drone has a 360 degree white light on a mast, with radar reflector and is powered by wave action with limited speed and mobility, approximately 1-2 knots and is remotely controlled via satellite. For additional information or questions contact Joseph J. Luczkovich, Institute for Coastal Science and Policy, luczkovichj@ecu.edu, luczkovichj@gmail.com, or 252-328-9402, 252-367-0379.

Charts: 11543 11544 11555 12200 12204 12205 12207

LNM: 31/17

**\*\*\*\*VA – VIRGINIA BEACH - SEACOAST – CABLE BARGE OPERATIONS\*\*\*\***

From 14 August to 10 September 2017 barge CHLS313 assisted by the vessel Little Brutus will be installing a fiber optic telecommunications cable immediately offshore Virginia Beach, Va. Installation will include the use of towed and tethered equipment operated on the seafloor, limiting both vessel operational speeds and vessel maneuverability. To ensure safe operations and avoid possible damage to cable request all vessels maintain a minimum 1 NM CPA with the cable lay barge 313 call sign CHLS313. Operations will be conducted in an area generally bounded by the following points.

Point 1 36 49,0820N 075 57,3928W  
Point 2 36 49,1350N 075 56,7657W  
Point 3 36 49,1686N 075 56,1457W  
Point 4 36 49,1981N 075 55,6246W  
Point 5 36 49,2436N 075 54,9746W  
Point 6 36 49,2910N 075 54,3168W  
Point 7 36 49,3051N 075 53,5990W  
Point 8 36 49,2818N 075 52,7924W  
Point 9 36 49,2719N 075 52,4411W  
Point 10 36 49,2876N 075 52,0532W

For more information contact Sotiris S. Vorgias, MARITECH Services Project Manager at [Vorgias@maritech.gr](mailto:Vorgias@maritech.gr).

Charts: 12200 12207 13003

LNM: 31/17

**NC – SEACOAST – OPERATIONS HAZARDOUS TO SURFACE VESSELS**

Underwater testing from the surface to the sea floor hazardous to vessels will be conducted from midnight on 15 Aug to midnight on 21 Aug 2017 in an area defined by 35-01.0n/075-00.0w, 36-25.0n/075-00.0w, 36-22.0N/074-45.0W, 35-55.0N/074-45.0W. Mariners should avoid this area and use caution when transiting the surrounding waters.

Charts: 11520 12200

LNM: 29/17

**NC – ALBEMARLE SOUND – PERQUIMANS RIVER – PROPOSED BRIDGE**

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

**WATERWAY AND LOCATION:** Perquimans River, mile 12.0, between Hertford, and Winfall, Perquimans County, NC.

**CHARACTER OF WORK:** The proposed project is to replace the existing drawbridge with a new drawbridge on essentially the same alignment. The purpose of the project is to provide a direct, reliable route between Hertford, NC and Winfall, NC. The causeway and existing bridge both show significant deterioration and present ongoing maintenance problems, jeopardizing the ability to provide reliable direct connectivity from downtown Hertford, NC to Winfall, NC.

The existing drawbridge has a horizontal clearance of 55 feet (north) and 60 feet (south) and a vertical clearance of 7 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The replacement bridge will be a drawbridge with a horizontal clearance of 55 feet (both spans) and a vertical clearance of 12 feet above mean high water in the closed position and unlimited vertical clearance in the open position.

Comments on this proposal should be forwarded to the above address no later than September 11, 2017. A copy of Preliminary Public Notice 5-1379, which describes the proposal in detail, can be obtained by calling (757) 398-6222 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.

Chart 12205

LNM: 32/17

**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 – 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). Mariners should exercise extreme caution while transiting through the Inlet. NC BNM 342-17. Also see Special Notice section of LNM 32/17, 33/17.

Chart 11545

LNM: 29/17

**NC - NEW RIVER - FIRING EXERCISES**

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

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: No events scheduled.

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 by phone at 910-451-3064 or 4449.

**NC - NEW RIVER - FIRING EXERCISES**

The restricted areas in the New River, as shown on National Ocean Service chart 11542, will be closed to navigation because of Stone Bay rifle range firing exercises during the following periods:

Stone Creek Sector 24 hours a day, daily.

Stone Bay Sector 24 hours a day, daily.

West of the 77 (deg) 26 (min) longitude line. The restricted areas that may be closed to navigation because of firing exercises during the following periods:

Traps Bay Sector 24 hours a day, daily.

Courthouse Bay Sector 24 hours a day, daily.

Stone Bay Sector 24 hours a day, daily.

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

Grey Point Sector 24 hours a day, daily.

Farnell Bay Sector Sunrise to sunset, daily.

Morgans Bay Sector Sunrise to sunset, daily.

Jacksonville Sector Sunrise to sunset, daily.

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

8:00 A.M. - 11:00 P.M. 24-25 AUG 2107, LIVE FIRE OPERATIONS, (US ARMY, E-1).

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:

8:00 A.M. - 11:00 P.M. 24-25 AUG 2107, LIVE FIRE OPERATIONS, (US ARMY, E-1).

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.

Charts: 11541 11542 11543

LNM: 01/16

**\*\*\*\*NORTH CAROLINA – BEAR ISLAND – COW CHANNEL: USCG/AMERICAN CANOE ASSOCIATION RESCUE TRAINING\*\*\*\***

The USCG Station Emerald Island, Air Station Elizabeth City, and the American Canoe Association, will conduct Search and Rescue Training on 26 AUG 2017 from 1000-1200 behind Bear Island on Cow Channel from 34.64038 -77.13939 to 34.64533 -77.13075. Training will include the use of visual emergency signals to include handheld flares and smoke, simulated surface rescues with USCG response boats and air assets. For further information contact BMC Michael Tomcany, USCG Station Emerald Island at 252-354-2462 or Scott Brown at 803-237-2387. Training participants will monitor VHF-Channel 16 for deconfliction with other surface vessels.

Chart 11541

LNM: 33/17

**NC – ATLANTIC INTRACOASTAL WATERWAY (AICWW) – HOLDEN BEACH BRIDGE REPAIR**

Mariners are advised to take caution and proceed slowly when approaching the construction site taking place under the Holden Beach Bridge crossing the AICWW in Holden Beach, NC. The repairs are to the fender system and anticipated to take place between August 21, 2017 and September 4, 2017. During this time mariners are urged to transit the area with additional caution as floating equipment may be present and portions of the fender system may be removed. For any comments or questions, contact Waterways Management at Coast Guard Sector North Carolina, (910) 772-2221.

Chart 11534

LNM: 32/17

**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	
	* Change Note: Rehoboth Bay							33/17
	* Buoys maintained from May 1 to Dec. 10. Position of buoys frequently shifted with changing conditions.							
2095	Rehoboth Bay Channel Buoy 1	38-41-13.856N 075-05-52.354W				Green can.	33/17	
3020	Delaware River Lighted Buoy 30	39-43-08.609N 075-30-16.511W	Fl R 6s		5	Red.	Replaced by nun when endangered by ice.	
	Marks end of shoal.							33/17
	*		*			*		

## SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
4417	Indian River Inlet Buoy 16	38-36-28.148N 075-05-46.934W				Red nun.	Maintained from May 1 to Dec. 10.	33/17
4420	Indian River Inlet Buoy 17	38-36-26.040N 075-05-45.363W				Green can.	Maintained from May 1 to Dec. 10.	33/17
4430	<i>Indian River Junction Lighted Buoy IR</i>	38-36-28.145N 075-05-36.208W	Fl (2+1)R 6s		4	Red and green bands.	Maintained from May 1 to Dec. 10.	33/17
4433	Indian River Inlet Buoy 18	38-36-16.773N 075-06-06.068W				Red nun.	Maintained from May 1 to Dec. 10.	33/17
4435	Indian River Inlet Buoy 19	38-36-13.323N 075-05-56.036W				Green can.	Maintained from May 1 to Dec. 10.	33/17
	* Add Note: Middle Island West Channel							33/17
	* Buoys maintained from May 1 to Dec. 10.							
	* Add Note: Middle Island West Channel							33/17
4436	<i>Middle Island West Channel Junction Lighted Buoy MI</i>	38-36-22.365N 075-06-22.202W	Fl (2+1)R 6s		4	Red and Green.		33/17
4437	Middle Island West Buoy 1	38-36-30.633N 075-06-17.900W				Green can.		33/17
4438	Middle Island West Channel Buoy 3	38-36-38.561N 075-06-03.052W				Green can.		33/17
4439.5	Middle Island West Channel Buoy 7	38-37-06.810N 075-05-50.950W				Green can.		33/17
	* Change Note: Pepper Creek							33/17
	* Buoys maintained from May 1 to Dec. 10.							
4440	Pepper Creek Buoy 1	38-34-49.860N 075-10-28.860W				Green can.		33/17
	* Change Note: Indian River Channel							33/17
	* Buoys maintained from May 1 to Dec. 10.							
4490	Indian River Channel Buoy 20	38-36-23.504N 075-06-40.157W				Red nun.		33/17

## SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
	* Change Note: White Creek							33/17
	* Positions of buoys frequently shifted due to changing conditions. Buoys maintained from May 1 to Dec. 10.							
4645	White Creek Buoy 1	38-36-01.980N 075-06-39.300W				Green can.	33/17	
6605	Wachapreague Inlet Buoy 1	37-34-26.181N 075-34-38.981W				Green can.	33/17	
6610	Wachapreague Inlet Buoy 2	* 37-34-31.665N 075-34-37.315W				Red nun.	33/17	
9650	CRANEY ISLAND PIPELINE WARNING SOUTH REAR LIGHT	* 36-53-04.752N 076-20-27.864W	F W	26		On pile.	Private Aid. 33/17	
13455	* YORK SPIT LIGHT	37-12-35.066N 076-15-14.581W	Fl W 6s	30	8	NR on multi-pile structure.	33/17	
22160	Chesconessex Creek Buoy 10	* 37-45-02.092N 075-46-21.066W				Red nun.	33/17	
29525	Bogue Inlet Buoy 6A	34-38-46.243N 077-06-24.538W				* Red nun.	33/17	
* 29530	* Bogue Inlet Buoy 7	* 34-38-54.399N 077-06-31.375W	*	*	*	* Green can.	* 33/17	
29535	Bogue Inlet Buoy 8	* 34-38-59.277N 077-06-28.728W				Red nun.	33/17	
29536	Bogue Inlet Lighted Buoy 8A	* 34-38-48.747N 077-06-28.999W	Q R		4	Red.	33/17	
* 29537	* Bogue Inlet Buoy 9	* 34-39-04.736N 077-06-28.139W	*	*	*	* Green can.	* 33/17	
30140.07	Old Topsail Creek Buoy 6A	* 34-21-12.215N 077-39-54.718W				Red nun.	33/17	
30140.08	Old Topsail Creek Buoy 7	34-21-12.415N 077-39-48.784W				* Green can.	* 33/17	
						*		



## SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
30140.09	Old Topsail Creek Buoy 8	34-21-14.268N 077-40-03.469W				Red nun.	33/17
34875	Town Creek Channel Junction Buoy TC	34-43-30.903N 076-40-04.860W				* Green and Red band, can.	33/17
34885	* Town Creek Channel Buoy 2	* 34-43-30.423N 076-40-01.820W				* Red nun.	33/17
34890	Town Creek Channel Buoy 4	* 34-43-28.750N 076-39-53.160W				Red nun.	33/17
*	*	*	*	*	*	*	*

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**ENCLOSURES**


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**Enclosures**

1. Summary of Shoaling
  2. Summary of Bridge Regulations/Construction/Permits.
  3. Summary of Dredging and Construction.
  4. Summary of Marine Events.
  5. Summary of Coast Guard Sector Hampton Roads shoaling.
  6. Summary of Coast Guard Sector North Carolina shoaling.
  7. Oyster Reefs, Tred Avon River.
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# SUMMARY OF SHOALING REPORTED IN THE FIFTH COAST GUARD DISTRICT

## DELAWARE SHOALING

### DE – PA – NJ – DELAWARE RIVER – NEW CASTLE RANGE – SHOALING

There have been reports of shoaling in New Castle Range in the Delaware River. The shoaling is reportedly in the main navigation channel as follows: On the western side of the channel between the north side of the entrance to the Chesapeake and Delaware Canal and the southern end of Pea Patch Island, extending from the western edge of the channel approximately 300 feet into the channel. Mariners are advised to use extreme caution when transiting these portions of New Castle Range as some depths at Mean Low Low Water could be hazardous to navigation, especially during extreme weather events. Vessels drafting over 35 feet should pay particular attention to the tide and proceed with caution in the vicinity of the shoal. If you have any questions regarding the content of this bulletin, please contact the Waterways Management staff at (215) 271-4814 or the Command Center at (215) 271-4807. Ref LNM 08/17  
Chart 12311

### DE – PA – NJ – DELAWARE RIVER – DEEP WATER POINT RANGE – SHOALING

The Captain of the Port, Delaware Bay, is notifying mariners that there have been reports of shoaling in Deepwater Point Range in the Delaware River. The shoaling is reportedly in the main navigation channel as follows: Beginning on the north western side of the range, approximately 1400 feet south of Lighted Bell Buoy "1C" (LLN 2965), extending south on the western side 2400 feet past Lighted Buoy "5D" (LLN 2950), from the western edge of the channel 200 feet towards centerline. Beginning approximately 2800 feet north of Lighted Buoy "4D" (LLN 2945), extending south along the eastern side of the channel to the end of the range, from the eastern edge of the channel approximately 200 feet into the channel. Mariners are advised to use extreme caution when transiting these portions of Deepwater Range as some depths at Mean Low Low Water could be hazardous to navigation, especially during extreme weather events. Vessels drafting over 35 feet should pay particular attention to the tide and proceed with caution in the vicinity of the shoal. If you have any questions regarding the content of this bulletin, please contact the Waterways Management staff at (215) 271-4814 or the Command Center at (215) 271-4807. Ref LNM 08/17  
Chart 12311

### DE – PA – NJ – CHERRY ISLAND RANGE – SHOALING

The Captain of the Port, Delaware Bay, is notifying mariners that there have been reports of shoaling in Cherry Island Range. The shoaling is reportedly in the main navigation channel as follows: Beginning on the western side of the channel 1100 feet south of Green Buoy "7C" (LLN 3035) extending approximately 1000 feet past Green Buoy "5C" (LLN 3025), from the western edge of the channel approximately 100 feet into the channel. Mariners are advised to use extreme caution when transiting these portions of Cherry Island Range as some depths at Mean Low Low Water could be hazardous to navigation, especially during extreme weather events. Vessels drafting over 35 feet should pay particular attention to the tide and proceed with caution in the vicinity of the shoal. If you have any questions regarding the content of this bulletin, please contact the Waterways Management staff at (215) 271-4814 or the Command Center at (215) 271-4807. Ref LNM 08/17  
Chart 12311, 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

### 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 – BACKERS 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

## 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 any parts of 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 - LITTLE EGG INLET TO HEREFORD INLET – LITTLE EGG INLET – SHOALING**

Shoaling has been observed in Little Egg Inlet across the channel between to an average channel depth of 3 feet at MLW. As a result, the aids to navigation have been removed because they did not accurately mark safe water. DB BNM 008-17  
Chart 12318

### **PENNSYLVANIA SHOALING**

#### **MARYLAND SHOALING**

##### **MD - FENWICK ISLAND TO CHINCOTEAEUE INLET-OCEAN CITY INLET – SHOALING**

A USACE survey conducted on 18 Oct 16 has identified shoaling to a depth of 7 ft at MLLW between Ocean City Inlet Lighted Buoy 8 (LLNR 4745) and Ocean City Inlet Lighted Buoy 10 (LLNR 4750) and shoaling to a depth of 6 ft at MLLW between Ocean City Inlet Lighted Buoy 11 (LLNR 4755) and Ocean City Inlet Lighted Buoy 12 (LLNR 4757). Ref LNM 43/16, MD-NCR BNM 364-16  
Chart 12211

##### **MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY – SHOALING**

Sinepuxent Bay Channel Daybeacon 11B (LLNR 5050), shoaling encroaches approximately 20 yds into the channel in a southwesterly direction. Water depths have been found as low as 2.5 ft during low tide. Between Sinepuxent Bay Channel Light 8 (LLNR 5020) and Sinepuxent Bay Channel Daybeacon 10 (LLNR 5035), shoaling encroaches approximately 15 yds into the channel in an easterly direction. Water depths have been found as low as 2 ft during low tide. Between Sinepuxent Bay Channel Buoy 33 (LLNR 5130) and Sinepuxent Bay Channel Daybeacon 35 (LLNR 5135) on the eastern side of the channel. Water depths have been found as low as 3 ft during low tide.  
Chart 12211

##### **MD - CHESAPEAKE BAY - 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 – CHESAPEAKE BAY- CHESTER RIVER – KENT ISLAND NARROWS NORTH APPROACH**

Depths of less than 4 feet have been reported between Kent Island Narrows North Approach LT 4 (LLNR 26425) and Kent Island Narrows North Approach LT 6 (LLNR 26435) on the red side of the channel. Vessels transiting the Kent Island Narrows North Approach Channel should exercise caution. Ref LNM 05/16  
Chart 12272

##### **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). All mariners are urged to use caution when transiting the area. 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 – VIRGINIA INSIDE PASSAGE (VIP)**

VIP Day beacon 107 (LLNR 5950) 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 - CHESAPEAKE BAY - LYNNHAVEN RIVER EASTERN BRANCH**

Shoaling has been reported to a depth of 0-3ft at mean low water in the Lynnhaven River Eastern Branch in the vicinity of Lynnhaven River Eastern Branch Buoy 1ED (LLNR 10332)(Private Aid). Mariners are advised to transit the area with extreme caution. HR BNM 424-16

**\*\*\*\*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 – POCOMOKE AND TANGIER SOUNDS – ONANCOCK CREEK – SHOALING**

Shoaling has been reported in Onancock Creek in the vicinity of Onancock Creek Daybeacon 11 (LLNR 21960) and Onancock Creek Daybeacons 4 and 5 (LLNR 21940 and 21945).  
Chart 12228

**VA – CHESAPEAKE BAY – OCCOHANNOCK CREEK – SHOALING**

The results of the Army Corps of Engineers Survey of 05 Apr 2017 show the shoal adjacent to Occohannock Creek Light 3 (LLNR 21700) has encroached approximately 50-100 yds into the channel. Depths of 3-5' at MLW. Shoaling to 2.8' MLW has been observed between Occohannock Creek Entrance Light 1 (LLNR 21695) and Occohannock Creek Light 3 (LLNR 21700). Sec HR BNM 143-17, Ref LNM 21/17.  
Chart 12226

**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 – SALT PONDS – HAMPTON – SHOALING**

Shoaling has been reported in the channel into Salt Ponds, Hampton VA, just inside the stone jetty. Depths to 4 feet at low tide have been reported. This shoaling maybe in addition to the shoaling reported on Salt ponds Marina Resort web site. <http://saltpondsmarinaresort.com/contact--directions.html>  
Chart 12222

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

Significant shoaling has been identified from USACOE survey dated 07 Sep 2016 in Davis Creek. Shoaling 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 – RUDEE INLET – SHOALING\*\*\*\***

The City of Virginia Beach Survey of Rudee Inlet, dated 20 Jun 2017 following dredging, indicates shoaling on the south edge of the channel where it passes through the jetties. Least depths of 8.1 feet MLLW. Chart 12205, 12207, 12208, 12221

**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 – CURRITUCK BEACH LIGHT TO WIMBLE SHOALS – OREGON INLET**

Shoaling has been reported to 2 feet in Oregon Inlet Channel near the Bonner Bridge. NC BNM 642-14 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 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 – HATTERAS INLET - SOUTH FERRY CONNCTING CHANNEL - SHOALING**

US Army Corps of Engineers survey dated 06 Jul 2017 has identified shoaling on the eastern and western portions of the South Ferry Connecting Channel. Extensive shoaling has encroached the channel between South Ferry Terminal Lighted Buoy 5 (LLNR 28705) and South Ferry Terminal Lighted Buoy 6 (LLNR 28707) least depths observed to 4 feet at MLLW. Shoaling has also encroached the eastern portion of the channel just west of South Ferry Terminal Lighted Buoy 1SF (LLNR 28699.1). NC BNM 347-17, LNM 29/17 Chart 11555, 11520

**NC – CAPE HATTERS – BARNEY SLOUGH**

The Coast Guard has received a report of shoaling in the vicinity of Barney Slough Channel Lighted Buoy 6 (LLNR 28722.3). Mariners are advised to transit the area with caution. NC BNM 713-16 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 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). Mariners should exercise extreme caution while transiting through the Inlet. NC BNM 342-17, LNM 29/17 Chart 11545

**\*\*\*\*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 – 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 – NEUSE RIVER TO MYRTLE GROVE SOUND – CAROLINA BEACH INLET**

Shoaling to 2.6 feet has been reported in Carolina Beach Inlet from Carolina Beach Inlet Buoy 1 (LLNR 30265) to Buoy 6 (LLNR 30290). NC BNM 659-15, 206-16 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

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

(Yellow indicates new item)

## CURRENT PROJECTS

### Permits:

#### **SECTOR MARYLAND-NATIONAL CAPITAL REGION**

- **Maryland** –  
Potomac River - Harry Nice Memorial Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on November 10, 2016; vertical clearance of 106.5 feet above mean high water and a horizontal clearance of 250.  
Neale Sound – MD-254 (Cobb Island Road) Bridge - Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on March 22, 2017; vertical clearance of 20 feet above mean high water and a horizontal clearance of 55 feet.
- **Washington DC** – None
- **Virginia (Northern)**  
Potomac River - Harry Nice Memorial Bridge – Fixed replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on November 10, 2016; vertical clearance of 106.5 feet above mean high water and a horizontal clearance of 250.

#### **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.  
Raccoon Creek – US 130 (fixed) Bridge - new fixed bridge structure to replace (lift) bridge. Permit 2-15-5 signed December 9, 2015.
- **Pennsylvania**  
Schuylkill River – Grays Ferry Pedestrian Bridge – Replacement bridge Preliminary Navigation Clearance Determination (PNCD) issued on February 6, 2017; vertical clearance of 26 feet above mean high water (closed position) for swing drawbridge replacement alternative and vertical clearance of 50 feet above mean high water for fixed bridge replacement alternative; both replacement alternatives will provide a horizontal clearance of 75 feet (west) and 65 feet (east), via the existing swing drawbridge horizontal clearances.  
Schuylkill River - Grays Ferry Pedestrian Bridge - All interested parties are notified that an application dated June 12, 2017, has been received from the City of Philadelphia by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of an existing railroad drawbridge over a navigable waterway of the United States. Schuylkill River, mile 5.47, at Philadelphia, Philadelphia County, PA. The purpose of this project is to provide safe, recreational passage for cyclists and pedestrians to cross the river, while maintaining dependable access for maritime traffic traveling along the Schuylkill River. This project is to provide a connection between the Grays Ferry Crescent portion of the Schuylkill River Development Corporation (SRDC) trail located on the east bank of the Schuylkill River and Bartram's Mile portion of the trail located on the west bank. The proposed project will include removing the existing Schuylkill River Railroad Drawbridge superstructure and replacing it with a new pedestrian drawbridge, while utilizing the existing piers and abutments, which will be reused in the new bridge construction. As part of the project, the proposed bridge will share a fender system with the Grays Ferry Avenue (highway) bridge. The existing drawbridge has a horizontal clearance of 75 feet (west) and 65 feet (east) and vertical clearances of 22 feet above mean high water in the closed position and unlimited vertical clearance in the open position. The replacement bridge will be a drawbridge with a horizontal clearance of 75 feet (both spans) and a vertical clearance of 26 feet above mean high water in the closed position and unlimited vertical clearance in the open position. Comments on this proposal should be forwarded to the following address: 431 Crawford Street, Portsmouth, VA, 23704-5004, no later than **11 SEP 2017**. A copy of **Public Notice 5-1376**, which describes the proposal in detail, can be obtained by calling (757) 398-6557 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.

#### **SECTOR HAMPTON ROADS**

- **Virginia (Southern)**  
AICW – Elizabeth River Southern Branch – I-64/High Rise Bridge – VDOT has proposed to replace the existing drawbridge with a new fixed bridge at essentially the same location. The replacement project will modify the existing vertical clearance of the bridge. The charted vertical clearance of the existing bascule bridge in the closed-to-navigation position is 65 feet above MHW with unlimited vertical clearance in the full open position. The proposed replacement will be a fixed bridge that will provide a vertical clearance of 100 feet above MHW. The current horizontal clearance of 125 feet will be maintained for the new fixed bridge.  
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.

#### **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.  
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.

### Regulations:

## SECTOR MARYLAND-NATIONAL CAPITAL REGION

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

## SECTOR DELAWARE BAY

- **Delaware** –

**Nanticoke River** - SR 13 Bridge - Mariners are advised that the Coast Guard proposes to modify the operating schedule that governs the SR 13 Bridge across the Nanticoke River, mile 39.6, at Seaford, DE. This proposal will allow the bridge open on signal on Saturday and Sunday; from 7:30 a.m. to 3:30 p.m., from November 1 through March 31, if at least 24 hours notice is given. A Notice of Proposed Rulemaking has been published in the Federal Register. Comments will be received for the record at the office of the Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004. Written comments on this proposal must be submitted on or before **05 SEP 2017**. A copy of **Public Notice 5-1378**, which describes the proposal in detail, can be obtained by calling (757) 398-6422 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.

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

**NJICW – Barneget Bay** – SR37 (vertical-lift) Bridge – The CG is temporarily modifying the drawbridge operating schedule between December 1, 2015 and March 31, 2018. Over the span of two and half years, the drawbridge will be closed to navigation for three four-month closure periods in the winter months. Extensive replacement of parts and repairs to the bridge necessitate these closures.

**Delaware River** - DELAIR Memorial Railroad Bridge - The Coast Guard has issued a temporary deviation authorizing the bridge to be remotely operated from the Conrail South Jersey dispatch center in Mount Laurel, NJ, from 8 a.m. on April 24, 2017, to 7:59 a.m. on October 21, 2017. 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 August 18, 2017. 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.

- **Pennsylvania** – None

## SECTOR HAMPTON ROADS

- **Virginia (Southern)**

## SECTOR NORTH CAROLINA

- **North Carolina** – None.

## Construction, et al:

## 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>

**Bear Creek** - I-695 Bridge - Maintenance will be conducted between Wednesday, April 19, 2017, and Thursday, May 31, 2018; Mon-Fri; from 6 a.m. to 5 p.m. Repair and rehabilitation of the bridge will require up to 30 foot wide construction barges, and various construction craft to be working outside the navigable channel. This maintenance project is in conjunction with the Francis Scott Key Bridge project. Periodic maintenance updates will be added into the Local Notice to Mariners. Maintenance personnel, equipment and vessels can relocate. The vessels may be reached on VHF-FM channel 13 and 16. Mariners should use caution when transiting the area.

**Patapsco River** - Francis Scott Key Bridge - Maintenance will be conducted between Wednesday, April 19, 2017, and Thursday, May 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. 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.

**South River** - Riva Road Bridge - Underwater maintenance will be conducted from 7 a.m. to 5 p.m.; Monday- Friday; on May 1, 2017 through November 17, 2017. A 50 foot barge, a 19 foot skiff, several work floats and several work vessels will be in the vicinity of the bridge. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (443) 603-8311. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the bridge and should use caution when transiting the area.

**Severn River** - US 50 Bridge - Baltimore Gas and Electric - Maintenance will be conducted between Wednesday, June 14, 2017, through Thursday, August 31, 2017; M-Th; from 10 p.m. to 5 a.m.. The maintenance will require scaffolding to extend



a maximum of five feet below the bridge, which will be outside the navigable channel. A minimum vertical clearance of approximately 75 feet above mean high water will be maintained outside the navigable channel. Mariners should use caution when transiting the area.

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.

Severn River - US 50 Bridge - Maintenance will be conducted 24 hours, Monday-Saturday from August 7, 2017, through August 30, 2018. Two crane barges and two work boats will be in and around the vicinity of the bridge. The maintenance will require scaffolding to extend a maximum of three feet below the bridge, which will be inside the navigable channel. A minimum vertical clearance of 74.6 feet above mean high water will be attained. Mariners should use caution when transiting the area.

- **Washington DC** –

Potomac River - Francis Scott Key (fixed) Bridge - DDOT has completed a design for rehabilitation. This work commenced in May 2015 and is scheduled to continue for two years (OOA May 2017). Most of the work has to do with repairing cracks on the concrete arches, floor beams, piers and abutments, and repairing some deterioration of the underside of the bridge deck.

- **Virginia (Northern)** - None

## SECTOR DELAWARE BAY

- **Delaware**

Christina River – Industrial Trail Track Bridge (new pedestrian bridge) - Construction activities will begin on January 03, 2017, and are expected to finish on April 27, 2018. Workers will be on-scene from 7 a.m. to 4 p.m.; M-F. To facilitate the construction, a 41' barge and 2 work boats will be in and around the vicinity and will relocate from the navigable channel, upon request. The 41' barge will remain on-scene after work hours away from the navigational channel. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (302) 363-1093. 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.

- **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.

Drag Channel & Great Egg Harbor Bay (GEHB) – Garden State Parkway (fixed) Bridges - Marine work consisting of several activities including but not limited to temporary cofferdam construction, superstructure erection and demolition are in progress through December 2018 for the replacement of the existing southbound bridges and rehabilitation of the northbound bridges. In addition to replacing the southbound causeway, the project includes the demolition of the remaining portions of the Beesely's Point Bridge (US Route 9 over GEHB and Drag Channel). Daily hours of construction operations are Monday through Saturday from 7 a.m. to 5 p.m. with a second shift and 24-hour operations scheduled for specific activities. It is anticipated that closure or reduced horizontal clearance of the navigational channels will be required.

Great Egg Harbor Bay - Garden State Parkway (southbound) Bridge – Demolition of the old bridge will be performed from November 1, 2016 until February 28, 2018, 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. One to three 40-foot wide barges will be placed in the navigation span from November 21, 2016, until January 15, 2017, limiting the approximate horizontal clearance through the navigation span to between 30 feet and 110 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. A work trestle situated at the southwest end of the Garden State Parkway Bridge erected in 2013 in connection with the construction of the new southbound structures will be used for equipment staging and debris removal. Mariners should use extreme caution when transiting the area.

Great Egg Harbor Bay - Garden State Parkway (northbound and southbound) Bridges – Construction of a new fender system will occur from April 17, 2017, until February 26, 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.

Great Egg Harbor Bay - Garden State Parkway (Northbound) Bridge - Maintenance will be performed from November 1, 2016, until February 28, 2018, 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.

Delaware River - Interstate 276/Delaware River Turnpike Bridge - Repainting and miscellaneous improvements will be performed from mid-November 2015 through December 31, 2017. All work on the bridge superstructure will be performed

7 am to 7 pm during the week and 6 am to 6 pm on the weekends. The overhead work will never occupy more than 55% of the channel and will reduce the vertical clearance by 5 ft. The construction company can be contacted at 856-429-3400. Mariners should use extreme caution when transiting the area.

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. An 80-foot by 80-foot barge will be placed in the navigation channel from July 25, 2017, to July 27, 2017; July 31, 2017, to August 1, 2017; and August 14, 2017, to August 15, 2017; from 6:00 a.m. to 5 p.m., to facilitate removal of the structural steel over the navigation channel. The barge will be moved outside the navigation channel outside of work hours. Vessels that need the barge to relocate from the navigation channel during work hours should contact the tug on VHF-FM channel 13 or demolition supervisor by telephone at least 2 hours prior to transiting the bridge. Vessels may contact the demolition crew supervisor at (732) 751-2088 or (732) 751-2020. Vessels and barges will be 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.

Salem Canal - Munson Dam (60-inch water line) Bridge -Repairs will be conducted from March 27, 2017, through September 01, 2017; M-F, from 7 a.m. to 3:30 p.m. To facilitate repairs, a crane barge will be on-scene to assist with the demolition and construction of concrete pilings. The Project Foremen and crane barge will be monitoring VHF Channels 13 and 16. Mariners are urged to minimize wake and use caution when transiting the area.

- **Pennsylvania –**

Delaware River – Walt Whitman Bridge (I-76) - Painting of the suspension spans and towers will be conducted from October 19, 2015 to March 31, 2018, between 7 a.m. and 5 p.m. daily. A work platform extending 3 feet beneath the lower portion of the bridge will be installed over the entire length of the bridge. The vertical clearance of the bridge will be reduced by 3 feet to approximately 136 feet above MHW. Mariners should use caution when transiting the area.

Delaware River - Interstate 276/Delaware River Turnpike Bridge - Repainting and miscellaneous improvements will be performed from mid-November 2015 through December 31, 2017. All work on the bridge superstructure will be performed 7 am to 7 pm during the week and 6 am to 6 pm on the weekends. The overhead work will never occupy more than 55% of the channel and will reduce the vertical clearance by 5 ft. The construction company can be contacted at 856-429-3400. Mariners should use extreme caution when transiting the area.

## 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.

Rappahannock River - SR 3 (Robert O. Norris Jr.) bridge - Maintenance will be conducted between October 3, 2016 through November 2017; 24 hours a day; 7 days a week. A containment system will be installed over the entire length of the bridge extending 4 feet below low steel. The vertical clearance of the bridge will be reduced by 4 feet, to approximately 106 feet above mean high water. A work platform will be attached to the bridge. Maintenance personnel, equipment, two barges and work vessels will be in the vicinity of the bridge. Quick flashing red lights will be positioned no more than 10 feet apart and on all corners, to mark the bottom of the work platform used attached to the bridge. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (804) 577-0049 or (216) 235-3933. Mariners should use caution when transiting the area.

Rappahannock River - Robert O. Norris Bridge - Maintenance will be conducted between Wednesday, May 10, 2017, through Wednesday, August 2, 2017; M-Th; from 7 a.m. to 5 p.m., and if necessary, Fridays from 7 a.m. to 3 p.m. Repair and rehabilitation of the bridge will require scaffolding to extend a maximum of 10 feet below the bridge, in less than a 40 foot section for the entirety of the maintenance period. A work barge will be below the bridge and can relocate with 60 minutes notice. The barge will be monitoring VHF channel 13 during all operations and all floating equipment will be removed after each work day. Mariners should use caution when transiting the area.

James River - James River Bridge - Maintenance has already commenced and is scheduled to be completed December 30, 2017. The workers will be on-scene 24 hours; M-F. The project foreman can be reached at (804) 520-9766. The maintenance will not affect operations of the movable span or restrict the height or width of the main navigational channel. Mariners should use caution when transiting the area.

Elizabeth River, Southern Branch - I-64 High Rise Bridge - Maintenance will be conducted from December 30, 2016 to August 17, 2017; Monday through Saturday from 7 a.m. to 5 p.m. Repair and rehabilitation of the bridge will occur. A barge and work boats 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 channel 13. The project foreman can be reached at (804) 520-9766. Mariners should notify the work foreman no less than one hour prior to navigating through the area and should use caution when transiting the area.

Elizabeth River – Southern Branch - I-64 High Rise Bridge - Maintenance will be conducted from July 31, 2017 to January 12, 2018; 7 days a week from 7 a.m. to 5 p.m. Repair and rehabilitation of the bridge will occur. A barge and work boats will be in and around the vicinity of the bridge. The work barge will reduce the horizontal navigational clearance to 70 feet for the duration of the project. Maintenance personnel, equipment and vessels will relocate from the navigable channel with 24 hour advanced notice for mariners that require additional clearance to navigate safely through the bridge. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (954) 214-9789. Mariners should use caution when transiting the area.

Lewis Creek Channel - SR 175 Bridge – Bridge will be maintained in the closed-to-navigation position to facilitate bridge maintenance work. The bridge will remain in the closed position from Noon on September 20, 2017, through 6 p.m. on

September 21, 2017. The bridge will not be able to open for an emergency and there is no immediate alternate route for vessels unable to pass through the bridge in the closed position while maintenance is being performed. Mariners able to pass under the closed span at (15 feet above Mean High Water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area.

#### **SECTOR NORTH CAROLINA**

- **North Carolina**
  - Gallants (Beaufort) Channel – US 70/Grayden Paul (fixed) Bridge – Work is in progress through May 31, 2017 for construction of a high-level fixed bridge relocated between Radio Island and Michael J Field in Carteret County. When completed, the new high-level fixed bridge will have a vertical clearance of 65 feet above MWH, along with a horizontal clearance of 100 feet between pile bents. The construction operation will include in-water work involving pile driving, concrete placement, girder setting, and concrete deck installation with post tensioning. 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.
  - 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/>.
  - Atlantic Intracoastal Waterway (Alligator River) - US 64 (Alligator River Bridge) - Maintenance will be conducted Monday-Saturday from July 17, 2017 through July 17, 2018; from 6:30 a.m. to 6 p.m. A crane barge and work boats with divers will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the moveable span and navigable channel, upon request. Work vessels may be reached on VHF-FM channel 16. The project foreman can be reached at (919) 437-4763 or (757) 449-4652. Mariners should notify the work foreman no less than one hour prior to navigating through the area and should use extreme caution when transiting the area.

#### **FUTURE PROJECTS:**

##### **Permits/Construction:**

- **Maryland**
  - Potomac River - Theodore Roosevelt (fixed) Bridge - DDOT is conducting an investigation and assessment of the bridge, which will be completed winter of 2015. 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 11<sup>th</sup> Street Bridge.
- **Virginia (Northern)** - None
- **Delaware** – None
- **New Jersey (Central & Southern)** - None
- **Pennsylvania** – None
- **Virginia (Southern)** – None
- **North Carolina**
  - Mid-Currituck Sound (fixed) Bridge – Proposed new fixed structure in final review of the design.
  - Perquimans River – US 17 business (fixed) Bridge – Proposed new fixed bridge structure to replace (swing) bridge in final review of the design and environmental package.
  - 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.

##### **Regulations:**

- **Maryland** – None
- **Washington, DC** – None
- **Virginia (Northern)** – None
- **Delaware** – None
- **New Jersey (Central & Southern)** – None
- **Pennsylvania** –
  - Delaware River – Conrail Railroad Bridge (Delair, NJ) – Remote Operation Test Deviation. Coast Guard currently evaluating incorporation of AIS into the bridge remote operations system.
- **Virginia (Southern)** – None
- **North Carolina** – None

# SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS CURRENTLY IN PROGRESS

## **\*\*\*\*PA - DE - NJ - LOWER DELAWARE RIVER - LISTON RANGE - DREDGING\*\*\*\***

The Dutra dredge Stuyvesant will be conducting dredging operations in the Liston Range in the Delaware River Main Channel, between approximate positions 39-22-14.18N, 075-27-40.56W and 39-28-34.04N, 075-32-28.16W from August 07, 2017 to **January 31, 2018**. A tug and drag barge will be conducting bed leveling operations after the dredging in areas have been completed. Any questions can be directed to Sector Delaware Bay's 24 hour Command Center at 215-271-4807.

Chart 12304

## **PA - DE - NJ- DELAWARE RIVER - DREDGING AND PIPE LAYING OPERATIONS**

Great Lakes Dredge and Dock will be conducting pipe laying operation and maintenance dredging in the Delaware River in Marcus Hook Range, Deepwater Range and New Castle Range beginning June 17, 2017 until **Sep 1, 2017**. Maintenance dredging will be conducted with cutter suction dredge Illinois and associated pipelines. Pipelines will be a combination of floating hose immediately behind the dredge and submerged pipeline leading to upland disposal area. Equipment and pipelines will be located outside the channel limits. Vessels transiting are requested to contact the Dredge Illinois to make safe passing arrangements and use caution when transiting the area. Ref LNM 25/17

Chart 12311, 12312

## **DE - DELAWARE RIVER - WILMINGTON HARBOR ---CHRISTIANA RIVER - DREDGEING**

The Dredge CHARLESTON along with support equipment and will commence dredging operations in Wilmington Harbor, Christiana River, DE or about Aug 1, 2017. A submerged pipeline will be placed from the dredging area to the Wilmington Harbor North Disposal area, just north of the port. The project is expected to continue until approximately **Sep 5, 2017**. The Dredge operator will standby on channels 13 and 16 VHF-FM. For any emergencies the dredge operator can be reached at 757-373-5253. LNM 31/17

Chart 12312

## **PA - NJ - DELAWARE RIVER - OUTFALL CONSTRUCTION**

Atlantic Subsea will be constructing the Valtris & Logan Township Combined Outfall in the Delaware River in approximate position 39°48'03.6014", - 075°24'17.9294", on the NJ side of Marcus Hook Range near Anchorage 7. Construction will begin Aug 21 and continue until **Nov 3 2017**. Work will continue 6 days a week from 7:00 am to 7:00pm. The Crane barge Lehigh can be contacted on VHF-FM channels 13 and 16. For questions or more information contact John Bryan at [john.bryan@atlanticsubsea.com](mailto:john.bryan@atlanticsubsea.com), (856) 241-3544 x18, (856) 427-5312. Ref LNM 22/17

Chart 12312

## **PA - NJ - DELAWARE RIVER - MIFFLIN RANGE - AXEON A DOCK - MARINE CONSTRUCTION**

Axeon Refining will be installing mooring dolphins, gangways and catwalks on the Axeon A Dock in the Delaware River on the New Jersey side near the south end of Mifflin Range and Anchorage Area 9. The work will commence on 10 Jul and is expected to be completed on **30 Nov 2017**. For more information or question contact Kristen Fisher at 856-224-7410. Ref LNM 23/17

Chart 12312

## **NJ - MANASQUAN RIVER - DREDGING**

Village Dock Contracting will be conducting dredging operations in Manasquan Inlet, Crabtown Creek, Kingsbridge Channel, Wills Hole Thorofare, and Wills Hole West Channel through **30 Sep 2017**. Dredge pipe will be located in multiple areas outside the channel. There will be numerous points where submerged pipeline will be crossing the main navigational channel. These locations of submerged pipeline will be at Crabtown creek entrance at 40d 06' 23"N, 074d 02' 50"W, on the west side of the Brielle Bridge at 40d 06' 08"N, 074d 03' 17"W, at the railroad bridge at 40d 16' 18"N, 074d 03' 00"W, and at 40d 06' 21"N, 074d 02' 33"W toward the entrance of Manasquan Inlet. Ref LNM 25/17

Chart 12324

## **\*\*\*\*NJ - BARNEGAT BAY - FORKED RIVER - DREDGING\*\*\*\* 3.2**

Great Lakes Dredging will commence dredging operations approximately August 10, and continue until **Sep 2017** in the Forked River near Barnegat Bay, NJ. Dredging operations will begin in the Middle Branch channel and 3 booster pumps will be used. After Approximately 10 days the dredge will be repositioned to the southern spurs. Marine traffic through the river will still be possible during dredging operations. Dredge and work vessels will monitor VHF-FM channels 13 and 16. Mariners are urged to remain 50 feet from the dredge and booster and contact the dredge and working vessel to make safe passing arrangements.

Chart 12324

## **NJ - INTRACOASTAL WATERWAY - MANASQUAN RIVER TO CAPE MAY CANAL - MANAHAWKIN BAY - BRIDGE CONSTRUCTION**

A construction firm, on behalf of the New Jersey Department of Transportation, will continue marine construction in the vicinity of the existing and new Route 72 Bridges over Manahawkin Bay, at New Jersey Intracoastal Waterway mile 37.4, in Ship Bottom, Ocean County, NJ 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. An 80-foot by 80-foot barge will be placed in the navigation channel from July 25, 2017, to July 27, 2017; July 31, 2017, to August 1, 2017; and August 14, 2017, to August 15, 2017; from 6:00 a.m. to 5 p.m., to facilitate removal of the structural steel over the navigation channel. Vessels that need the barge to relocate from the navigation channel during work hours should contact the tug on VHF-FM channel 13 or demolition supervisor by telephone at least 2 hours prior to transiting the bridge. Vessels may contact the demolition crew supervisor at (732) 751-2088 or (732) 751-2020. Vessels and barges will be used during marine construction and will monitor VHF-FM channel 13.

Chart: 12234

## **NJ - ABSECON INLET - DREDGING**

Continuing until approximately **20 Sep 2017** the hydraulic dredge R.S. Weeks and attendant plant will be operating in the Absecon Inlet Channel, NJ. Dredging operations will continue twenty-four (24) hours per day, seven days per week basis. Dredge and attendant plan will monitor marine VHF channels 13 and 16. Mariners are urged to use extreme caution and transit the area at their slowest safe speed to create minimum wake after passing arrangements have been made. For additional information contact Doug Nelson - (985) 237-9667 (mobile), [denelson@weeksmarine.com](mailto:denelson@weeksmarine.com), or Mr. Joe Mazzarella - (985) 273-1152 (mobile), [jmazzarella@weeksmarine.com](mailto:jmazzarella@weeksmarine.com). Ref LNM 26/17

Chart 12316, 12318



#### **NJ - BRIGANTINE INLET TO GREAT EGG HARBOR INLET - BEACH NOURISHMENT OPERATIONS**

Starting approximately 19 June 2017 and continuing until approximately **1 Dec 2017** the Hopper Dredges B.E. Lindholm and attendant plant will be operating 4.5 nautical miles offshore of Margate Beach, NJ. Contact [macruz@weeksmarine.com](mailto:macruz@weeksmarine.com) or (985) 875-2500 or contact Project Manager on-site Doug Nelson - (985) 237-9667 [denelson@weeksmarine.com](mailto:denelson@weeksmarine.com)  
Chart 12316, 12318

#### **NJ – GREAT EGG HARBOR BAY – DRAG CHANNEL - BRIDGE CONSTRUCTION & DEMOLITION UPDATE**

Marine work consisting of several activities including but not limited to temporary cofferdam construction, superstructure erection and demolition are in progress through **Dec 2018** for the replacement of the existing southbound bridges of the Garden State Parkway, and rehabilitation of the northbound bridges Garden State Parkway. Ref LNM 03/16  
Chart 12316

#### **MD – CHOPTANK RIVER ROUTE 331 DOVER ROAD – BRIDGE REPLACEMENT**

Mclean Contracting Corporation will commence construction of a new bridge just south of the existing Dover Road Route 331 Bridge until **Nov 2017**. Ref LNM 39/14  
Chart 12268

#### **MD – CHESAPEAKE BAY – POPLAR ISLAND – HAZARD TO NAVIGATION - DIKE CONSTRUCTION**

Precom Marine is constructing a 4000 foot dike on the north end of Poplar Island, MD. The dike, which is in 9 feet of water, may not be visible during construction and is a hazard to navigation. Mariners are requested to avoid this area or if in the area, operate at a reduced speed. For additional information contact Precon Marine at 757-503-6205.  
Chart 12266, 12270

#### **DC – UPPER POTOMAC RIVER - WASHINGTON CHANNEL**

Dockside demolition/bulkhead repair until **Dec, 2020**. Ref: LNM 12/14  
Chart 12289

#### **DC – POTOMAC RIVER - WASHINGTON HARBOR – FRANCIS SCOTT KEY BRIDGE – REPAIRS**

DC DOT repairs to the existing US-29/Francis Scott Key Bridge (also known as the Key Bridge), across the Potomac River at mile 113. Work will begin on Sep 20, 2016, Monday through Friday, from 7 a.m. to 5 p.m. The **two-year** rehabilitation project includes spalling and spot-repairing the concrete bridge piers, re-surfacing the bridge deck, and installing a fiberglass jacket at the footer of each pier. 40 ft x 80 ft deck barges will be positioned (spudded) next to the bridge piers, within the 200-ft wide span, at all times. Ref LNM 35/16  
Chart 12289

#### **VA – CHESAPEAKE BAY - CAPE HENRY TO THIMBLE SHOAL LIGHT - BRIDGE CONSTRUCTION**

A construction firm, on behalf of the City of Virginia Beach, will continue construction of a new bridge to replace the John A. Lesner (US 60) Bridge across the Lynnhaven Inlet, at mile 0.0, in Virginia Beach, VA. Construction activities expected to finish on **Aug 30, 2019**. Work will be on-going 24-hours per day, seven days a week. Temporary work platforms and other hazards, such as portions of the old bridge, will be lighted with fixed white lights until they are removed from the waterway. The new bridge will have a vertical clearance of 45 feet above mean high water and a horizontal clearance of 150 feet between the fenders. Ref LNM 14/17  
Chart: 12254

#### **VA – NORFOLK HARBOR – NORFOLK NAVAL STATION – DREDGING**

The dredge Charleston and attendant plant commence dredging operations at the Norfolk Naval Station in Hampton Roads, VA on or about June 4 and continue until approximately **Aug 30, 2017**. Pipeline laying operations will commence first between the Craney Island Disposal Area and Norfolk Naval Station in the vicinity of Norfolk Harbor Reach and the Craney Island Flats. A submerged pipeline will be placed from the dredging area at Pier 2 through Pier 11 at the Navy Base to the Craney Island Disposal area. Traffic should call 30 minutes prior to expected time of passage. For any emergencies the dredge superintendent can be reached at 757.285.2133 or contact Norfolk Dredging Company at 757-547-9391. Ref LNM 23/17  
Chart 12221, 12222, 12245

#### **VA – ELIZABETH RIVER – CRANEY ISLAND – DREDGING**

Cottrell Contracting Corporation Dredge Rockbridge will be conducting dredging operations in the vicinity of Craney Island Rehandling Basin and Access Channels in the Elizabeth River in Norfolk Harbor, VA. Dredging operations will be from April 15 through **Oct 5, 2017**. Ref LNM 15/17  
Chart 12245, 12243

#### **VA – CHESAPEAKE BAY – ELIZABETH RIVER – MIDTOWN TUNNEL CONSTRUCTION**

SKW Constructors construction operations of new Midtown Tunnel, channel restrictions, temporary buoys established, barge traffic. **Until further notice**. Ref LNM 33/14, 33/15  
Chart 12253

#### **VA – JAMES RIVER – DREDGING**

The dredge Tangier Sound will be conducting dredging operations in position 36 56.969N, 76 26.403W, in the James River, north of the Monitor Merrimac Bridge Tunnel on the west side of the channel. Operations will continue 24 hours a day seven days a week until completion no later than **31 Aug 2017**. For more information contact Cashman Dredging and Marine Construction Co, David G. Howson at (443) 336-3047.  
Chart 12245, 12248

#### **VA – JAMES RIVER – JAMESTOWN ISLAND TO JORDAN POINT - DREDGING**

Cottrell Contracting Corporation of Chesapeake, Virginia Dredge Lexington will be conducting dredging operations in the James River between James River Channel Lighted Buoy 57 (LLNR 12200) and James River Channel Lighted Buoy 66 (LLNR 12250) from 24 Jul, 2017 to **30 Sep, 2017**.  
Chart 12251

**VA – YORK RIVER – CHEATHAM ANNEX – DIVING AND CRANE OPERATIONS**

Precon Marine Inc. will be performing Diving and Crane operations from work boats, work platforms and a 60' by 120' barge at the "CAD A" pier located at the US Navy Base, Cheatham Annex from 31 October 2016 until **1 Nov 2017**. The onsite barge superintendent will monitor and answer VHF-FM channels 13 and 16, and can be reached at 757-754-0767. Ref LNM 43/16  
Chart 12238, 12241, 12243

**VA - POTOMAC RIVER – WINDMILL HILL PARK – MARINE CONSTRUCTION**

Environmental Quality Resources will be working on the river bank on the Potomac River at Windmill Park, Alexandria VA, at Gibbon and Union Streets. Work will consist of removing the old bulkhead and structures and installing stone revetment and a planted slope. Barges may be on site and would mobilize from just south of the Woodrow Wilson Bridge. Work will be conducted from 15 May, 2017 until **31 Mar 2018**. For more information or questions please contact Michael Dant at 240-581-3339. Ref LNM 19/17  
Chart 12285

**VA - NC – CAPE HENRY TO PAMLICO SOUND – INCLUDING ALBEMARLE SOUND - BRIDGE CONSTRUCTION**

An engineering firm, on behalf of the North Carolina DOT, will be constructing a new bridge to replace the Herbert C. Bonner Bridge across the Oregon Inlet, at mile 0.9, Dare County, NC. Construction activities will begin on March 7, 2016 and are expected to finish on **Aug 30, 2019**. Ref LNM 09/16  
Chart 12205

**NC – DUCK – KITTY HAWK – KILL DEVIL HILLS – BEACH NOURSHMENT**

Great Lakes Dredge & Dock will be conducting beach nourishment operations in the towns of Duck, Kitty Hawk and Kill Devil Hills in Dare County NC. The project will utilize two staging areas in Oregon Inlet. The Dredge Liberty Island will be pumping material onto Kitty Hawk Beach. The Dredge Dodge Island and Padre Island will be pumping the material onto Kill Devil Hills Beach. Projects and demobilization is expected to be completed by **Dec 31, 2017**. For more information please contact Leslie Malick at 630-408-8939. Ref LNM 28/17  
Chart: 12204, 12205

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

Construction is ongoing and are expected to finish on **Aug 30, 2019**. 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. 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

**\*\*\*\*NC – OFFSHORE – HATTERAS ISLAND - BUXTON – BEACH RESTORATION\*\*\*\*- POSTPONED**

Beach Restoration at Buxton, Dare County, NC. Starting approximately 25 May and continuing until approximately **10 Oct 2017**, the hydraulic dredge C.R. McCaskill, hopper dredge B.E. LINDHOLM, and attendant plant will be operating 3 nautical miles offshore of Buxton, Hatteras Island, NC. Ref LNM 19/17  
Chart 11555, 11520, 12200

**NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION**

Take caution and proceed slowly when approaching the construction site of the New Gallant's Channel Fixed Bridge, over the Gallants Channel in Beaufort, NC. All vessel traffic can expect delays and should adjust voyage plans accordingly. The Orion Marine Construction onsite work supervisor can be contacted on VHF channel 13 and telephone at (813) 334-0208. Ref LNM 12/16  
Chart 11545

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

### \*\*\*\*MD - FENWICK ISLAND TO CHINCOTEAGUE INLET – ISLE OF WIGHT BAY – FIREWORKS DISPLAY SAFETY ZONE\*\*\*\*

An annual fireworks display is scheduled to occur in Isle of Wight on **September 3, 2017** (rain date September 4, 2017), at 9:30 p.m. As described in the Table to 33 CFR Section 165.506, a safety zone is established for all waters of Isle of Wight Bay within a 200 yard radius of the fireworks barge in approximate position latitude 38°22'31" N, longitude 075°04'34" W, located at Ocean City, MD. The zone will be enforced from 8:30 p.m. to 10:30 p.m. on September 3, 2017. If necessary due to inclement weather, the zone will be enforced from 8:30 p.m. to 10:30 p.m. on September 4, 2017. The effect will be to restrict vessel traffic in the Isle of Wight Bay. The fireworks barge within the regulated area will have a diamond-shaped, 4 feet by 4 feet sign with orange retro-reflective border affixed to the port and starboard sides of the barge labeled "FIREWORKS—DANGER—STAY AWAY" with black block letters on a white background to provide on scene notice that the safety zone will be enforced. The Captain of the Port Maryland-National Capital Region can be contacted by telephone at (410) 576-2693 or by marine band radio on VHF-FM Channel 16. All Coast Guard vessels enforcing this zone can be contacted on marine band radio VHF-FM Channel 16. Comments or questions should be directed to Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.  
Chart 12211

### \*\*\*\*MD – SEACOAST – FENWICK ISLAND TO CHINCOTEAGUE ISLAND – OCEAN CITY INLET - REGULATED AREA\*\*\*\*

The annual "Ocean City Grand Prix" is scheduled to occur on the North Atlantic Ocean at Ocean City, MD on **Sep 9 and Sep 10, 2017**, between 10 a.m. and 5 p.m. both days. Approximately 40 offshore power boats (21-50 feet in length) will compete in various classes along a racetrack-type course located 300 yards off the beach at Ocean City, MD. Race course will be marked with orange balls 5 feet in diameter. Various support boats will be provided by the sponsor. As described in Title 33 CFR Section 100.501, a regulated area is established for all waters within of the North Atlantic Ocean bounded within the following designated areas near Ocean City, MD: (a) Race area: All waters of North Atlantic Ocean commencing at latitude 38°20'06.33" N., longitude 075°04'39.09" W., thence east to latitude 38°20'03.75" N., longitude 075°04'27.46" W., thence north and parallel to Ocean City, MD shoreline to latitude 38°21'32" N., longitude 075°03'46.57" W., thence west to shoreline at latitude 38°21'34.58" N., longitude 075°04'00.95" W., thence south to the point of origin; (b) Buffer area: 500 yards in all directions surrounding the "Race area". All waters of North Atlantic Ocean commencing at a point near the shoreline at latitude 38°21'52" N., longitude 075°04'09" W., thence east to latitude 38°21'44" N., longitude 075°03'21" W., thence southwest and parallel to Ocean City, MD shoreline latitude 38°19'47" N., longitude 075°04'15" W., thence west to the shoreline at latitude 38°19'55" N., longitude 075°04'57" W.; and (c) Spectator area: Vessel operation restricted to operate at No Wake Speed. All waters of North Atlantic Ocean commencing at latitude 38°20'01" N., longitude 075°04'08.4" W., thence east to latitude 38°19'58" N., longitude 075°03'57" W., thence north and parallel to Ocean City shoreline to latitude 38°21'26" N., longitude 075°03'16" W., thence west to shoreline at latitude 38°21'29" N., longitude 075°03'27.8" W., thence south to the point of origin. The regulated area will be enforced from 9:30 a.m. to 5:30 p.m. on September 9, 2017 and September 10, 2017. The Coast Guard Patrol Commander (PATCOM) or designated marine event patrol may forbid and control the movement of all vessels in the regulated area. When hailed or signaled by an official patrol vessel, a vessel in this area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of any vessel in the regulated area shall (i) stop the vessel immediately when directed to do so by any Official Patrol and then proceed only as directed, (ii) all persons and vessels shall comply with the instructions of the Official Patrol, and (iii) when authorized to transit the regulated area, all vessels shall proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the race course. The marine event patrol and PATCOM may be contacted on VHF-FM Channel 16. The Coast Guard PATCOM may terminate the event, or the operation of any vessel participating in the marine event, at any time if deemed necessary for the protection of life or property. Only designated marine event participants and their vessels and official patrol vessels are authorized to enter the regulated area. Spectators are only allowed inside the regulated area if they remain within a designated spectator area. Spectators may contact the Coast Guard PATCOM to request permission to either enter the Spectator Area or pass through the regulated area. If permission is granted, spectators may enter the Spectator Area or must pass directly through the regulated area as instructed by PATCOM at safe speed and without loitering. For comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.  
Chart 12211

### MD - SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE ISLAND - OCEAN CITY – WEEKLY FIREWORKS DISPLAYS

Weekly short-duration, aerial fireworks displays are scheduled to occur along the North Atlantic Ocean at Ocean City, MD, from July 10, 2017 to **Sep 4, 2017**, at 10 p.m. Each Monday and Tuesday during this period, fireworks will be discharged from the beach at North Division and 1<sup>st</sup> Streets, in approximate position latitude 38°19'44.2" N, longitude 075°05'04.1" W. Absent specific guidance, mariners should remain 100 yards from the fireworks discharge site. 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 12211

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

Weekly short-duration, aerial fireworks are scheduled to occur in Assawoman Bay from June 18, 2017 to **Sep 3, 2017**, at 9 p.m. Each Sunday fireworks will be discharged from the pier at the west end of Northside Park in Ocean City, MD, in approximate position 38°25'55"N, 075°03'53"W. Mariners are urged to use caution when transiting the area, and absent specific guidance, should remain 400 feet from the fireworks discharge site. For questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division at (410) 576-2674 or (410) 576-2693.  
Chart 12211

### \*\*\*\*MD - CHESAPEAKE BAY - LITTLE ANNEMESSEX RIVER - SOMERS COVE – FIREWORKS DISPLAY\*\*\*\*

An annual fireworks display is scheduled to occur from a point of land along Somers Cove on **Sep 3, 2017** (rain date on September 4, 2017), at 9 p.m. Mariners are urged to use caution when transiting the area, and absent specific guidance, mariners should remain 100 yards from the fireworks discharge site on Jersey Island at Crisfield, MD, located in approximate position latitude 37°58'34" N, longitude 075°51'40" W. 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 12228, 12231

**\*\*\*\*MD – CHESAPEAKE BAY – PATUXENT RIVER – SOLOMONS ISLAND AND VICINITY – PADDLING EVENT\*\*\*\***

The "Solomons Island Dragon Boat Festival" paddling races are scheduled to occur in the Patuxent River on **Aug 19, 2017**, from 9 a.m. to 3 p.m. The team paddling competition consists of fiberglass rowing shells (40 feet in length) racing along a designated sprint-type 180-meter long course located adjacent to the Solomons Island Municipal Pier, approximately 200 feet from shore. Sponsor-provided watercraft will be on scene to support event participants. 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 12284

**\*\*\*\*MD – CHESAPEAKE BAY – PATUXENT RIVER AND VICINITY– SOLOMONS HARBOR – DOCKING CONTEST\*\*\*\***

Mariners are advised that the Calvert County Waterman Assoc. will sponsor its annual docking contest in Solomons Harbor on **September 17, 2017**, from 12 Noon to 3 p.m. Up to 20 Bay Built work boats (30-45 feet in length) will participate in a boathandling demonstration at the Waterman's Wharf in Solomons, MD. Floating markers will be placed around the event area. Official safety patrol vessel on scene can be contacted via 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. Chart 12264.

**MD – CHESAPEAKE BAY – CHOPTANK RIVER - OPEN WATER SWIM EVENT**

The swim portion of an annual triathlon event is scheduled to occur in the Choptank River on **Oct 7, 2017**, between 6:30 a.m. and 11 a.m. Approximately 2,000 swimmers starting in waves will compete (2 laps) along a marked, 1.2-mile rectangular swim course located along the shoreline, between Great Marsh Park and the Cambridge Yacht Club at Cambridge, MD. Participants will be accompanied and supported by sponsor-provided watercraft. Official patrol vessels on scene can be contacted via marine band radio VHF-FM Channel 16. Additional information on the "Ironman Maryland 140.6 Triathlon" is available at website <http://www.ironman.com/>. 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 12266

**\*\*\*\*MD – CHESAPEAKE BAY - CHOPTANK RIVER – Regulated area\*\*\*\***

Mariners are advised that the "Thunder on the Choptank" power boat races are scheduled to occur in the Choptank River during August 19-20, 2017, between 9 a.m. and 5 p.m. both days. The Coast Guard will establish a Regulated area. All navigable waters within Hambrooks Bay and Choptank River west and south of a line commencing at the shoreline, at latitude 38°35'00" N., longitude 076°04'43" W., thence east to latitude 38°35'00" N., longitude 076°04'23.7" W., thence north to latitude 38°35'22.7" N., longitude 076°04'23.7" W., thence northwest to latitude 38°35'42.2" N., longitude 076°04'51.1" W., at Hambrooks Bar Light LLNR 24995, thence southwest to latitude 38°35'34.2" N., longitude 076°05'12.3" W., terminating at the Hambrooks Bay breakwall as it intersects the shoreline. Within the regulated area are the following described areas. Race area: Located within the waters of Hambrooks Bay and Choptank River, in an area bound to the north by the Hambrooks Bay breakwall and bounded to the east by a line drawn along longitude 076°04'37" W. The actual placement of the Race Area will be determined by the marine event sponsor within the designated boundaries described. Buffer area: All waters within Hambrooks Bay and Choptank River (with the exception of the Race Area designated by the marine event sponsor) bound to the north by the breakwall and continuing along a line drawn from the east end of breakwall located at latitude 38°35'27.6" N., longitude 076°04'50.1" W., thence southeast to latitude 38°35'17.7" N., longitude 076°04'29" W., thence south to latitude 38°35'01" N., longitude 076°04'29" W., thence west to the shoreline at latitude 38°35'01" N., longitude 076°04'41.3" W. Spectator area: waters All of the Choptank River, eastward and outside of Hambrooks Bay breakwall, thence bound by line that commences at latitude 38°35'27.6" N., longitude 076°04'50.1" W., thence southeast to latitude 38°35'21.3" N., longitude 076°04'37.2" W., thence southeast to latitude 38°35'21.3" N., longitude 076°04'37.2" W., thence northeast to latitude 38°35'27.8" N., longitude 076°04'30.5" W., thence northwest to latitude 38°35'42.2" N., longitude 076°04'51.1" W., at Hambrooks Bar Light LLNR 24995, thence south to and terminating at the point of origin. **The regulated area will be enforced from 8:30 a.m. through 5:30 p.m. both days on August 19, 2017 and August 20, 2017.** The Coast Guard Patrol Commander (PATCOM) or designated marine event patrol may forbid and control the movement of all vessels in the regulated area. When hailed or signaled by an official patrol vessel, a vessel in this area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of any vessel in the regulated area shall (i) stop the vessel immediately when directed to do so by any Official Patrol and then proceed only as directed, (ii) all persons and vessels shall comply with the instructions of the Official Patrol, and (iii) when authorized to transit the regulated area, all vessels shall proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the race course. The marine event patrol and PATCOM may be contacted on VHF-FM Channel 16. The Coast Guard PATCOM may terminate the event, or the operation of any vessel participating in the marine event, at any time if deemed necessary for the protection of life or property. Only designated marine event participants and their vessels and official patrol vessels are authorized to enter the regulated area. Spectators are only allowed inside the regulated area if they remain within a designated spectator area. Spectators may contact the Coast Guard PATCOM to request permission to either enter the Spectator Area or pass through the regulated area. If permission is granted, spectators may enter the Spectator Area or must pass directly through the regulated area as instructed by PATCOM at safe speed and without loitering. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, at (410) 576-2674 or (410) 576-2693. Charts 12266, 12268.

**\*\*\*\*MD – CHESAPEAKE BAY – SEVERN RIVER AND WEST RIVER – SAILING REGATTA\*\*\*\***

An annual sailing regatta is scheduled to occur in the Severn River, Chesapeake Bay, and West River during **Sep 1-3, 2017**. On Friday, an annual distance sail race is scheduled to occur in the Chesapeake Bay and West River between 12 Noon and 5 p.m. Participating sailboats will start near the mouth of the Severn River at Annapolis, MD, proceed down the Chesapeake Bay, and finish in the West River on Tenthouse Creek at Galesville, MD. On Saturday and Sunday, sailing races are scheduled to occur in the West River between 9 a.m. and 4 p.m. both days. Approximately 40 sailboats (16 to 35 feet in length) of various classes will operate on windward-leeward courses with offset marks located outside the navigation channel in two of three designated areas on the West river: (1) north of West River Lt 4 (LLNR 19500) at Galesville, MD; and (2) either between West River LB 1A (LLNR 19465) and Curtis Point, or between West River ENTR LT 2 (LLNR 19470) and West River DBN 3 (LLNR 19495). The selection of the latter area is dependent upon wind conditions on the day of the event. Participants will be supported by sponsor-provided watercraft. The West River Sailing Club Race Committee can be contacted via marine band radio channel VHF-FM 16 or 68. Official safety patrol vessels on scene Saturday and Sunday can be contacted via marine band radio VHF-FM channel 16. For any comments or questions, contact U. S. Coast Guard Sector Maryland-National Capital Region, at telephone number (410) 576-2674 or (410) 576-2693. Chart 12270

**\*\*\*\*MD - CHESAPEAKE BAY - EASTERN BAY AND SOUTH RIVER – SWIM EVENT\*\*\*\***

Mariners are advised that an annual open water swim is scheduled to occur in the Chesapeake Bay along the shoreline south of Tolly Point, MD on **September 10, 2017**, from 8:30 a.m. to 1 p.m. Up to 300 youth swimmers of different age groups will participate on a ½-mile, 1-mile and 2-mile marked



courses located along the Bay Ridge Community Beach at Annapolis, MD. Swimmers will be supported by sponsor-provided watercraft. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2693. Chart 12270.

**MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT - SEVERN RIVER – SAILING REGATTA**

Sailing regattas are scheduled to occur in the Chesapeake Bay near the mouth of the Severn River during Sep 21-26, 2017 and **Sep 28-29, 2017**, between 10 a.m. and 5 p.m. Up to 115 sailing vessels (18 feet in length) will compete on marked courses within two designated race areas located in the Chesapeake Bay, (1) between Tolly Point and Thomas Point, and (2) between Hackett Point and Tolly Point. Races will typically start at or after 11 a.m. Participants will be supported by sponsor-provided boats. Information can be obtained at website <http://505worlds2017.com>. The Race Committee Chairman can be contacted via marine band radio VHF-FM channels 16, 13, 65, 68, 71 and 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 12270, 12263

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

The Annapolis Yacht Club's (AYC) annual 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. 22 individual events, with competing sailing vessels 8 to 45 feet in length, are scheduled on the following dates in 2017: June 10 (Annual Regatta - 45 participants); June 17 (CRAB Cup - 4 participants); June 24-25 (U.S. Sailing Match Race Qualifier - 8 participants); July 6 (Junior Annual Regatta - 40 participants); July 8-9 (Free State Team Race - 12 participants); July 14-18 (Ida Lewis Regatta - 40 participants); July 22 (Summer One Design Regatta - 25 participants); August 26-27 (Corinthian Cup - 12 participants); September 9-10 (Harbor 20 East-Wests - 16 participants); September 16-17 (Inter-Club Team Race - 8 participants); September 22-24 (J/35 North Americans - 15 participants); September 30-October 1 (Fall Series Weekend 1 - 50 participants); October 7 (Fall Series Distance Race - 75 participants, and Fall Harbor Regatta - 25 participants); October 14-15 (Fall Series Weekend 2 - 60 participants); October 17-19 (Warrior Sailing Project - 8 participants); October 21-22 (Fall Eschells - Lippincott - 30 participants); October 28-29 (Halloween Howl - 45 participants, and J/105 & J/35 Fall Championships - 40 participants). The AYC Race Committee can be contacted via VHF-FM marine band radio and at <http://www.annapolisyc.com/racing/contacts>. 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, 12282, 12283

**\*\*\*\*MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT AND SEVERN RIVER – SAILING REGATTA\*\*\*\***

A sailing regatta is scheduled to occur in the Severn River and adjacent waters of the Chesapeake Bay on **Aug 19, 2017**, between 11 a.m. and 4 p.m. Up to 75 auxiliary sailing vessels (25 to 45 feet in length) will compete within two designated race course areas located (1) in the Severn River, and (2) in the Chesapeake Bay, between Tolly Point and Thomas Point and between Hackett Point and Tolly Point. Races will start at or after 12 p.m. noon. Information can be obtained at the Eastport Yacht Club's (EYC) website [www.eastportyc.org](http://www.eastportyc.org). The EYC Race Committee Chairman can be contacted on board the Signal Boat "Kinvarra III" via marine band radio VHF-FM channels 16, 05 and 73. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12270, 12282, 12283

**\*\*\*\*MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – SAILING REGATTA\*\*\*\***

A sailing regatta is scheduled to occur in the Chesapeake Bay near the mouth of the Severn River during **Sep 2-3, 2017**, between 8 a.m. and 4 p.m. both days. Up to 100 auxiliary sailing vessels (25 to 50 feet in length) will compete within two designated race course areas in the Chesapeake Bay located (1) between Tolly Point and Thomas Point, and (2) between Hackett Point and Tolly Point, with races starting after 11 a.m. Information can be obtained at the Eastport Yacht Club's (EYC) website [www.eastportyc.org](http://www.eastportyc.org). The EYC Race Committee Chairman can be contacted on board the Pin End Mark Boat via marine band radio VHF-FM channels 16, 05 and 73. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12270, 12283

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

Four annual sailing regattas are scheduled to occur in the Chesapeake Bay near the mouth of the Severn River, between 8 a.m. and 5 p.m., on the following dates in 2017: Sep 16-17 (2017 Shields Trophy) to start at or after 12 p.m. Noon on Saturday and at or after 10:30 a.m. on Sunday; Sep 22-24 (Lloyd Phoenix Trophy) to start at or after 10 a.m. on Friday, Saturday and Sunday; Oct 21-22 (2017 McMillan Cup) to start at or after 12 p.m. Noon on Saturday and at or after 10:30 a.m. on Sunday; and **Nov 4-5** (2017 Kennedy Cup) to start at or after 12 p.m. Noon on Saturday and at or after 10:30 a.m. on Sunday. Approximately 10 sailboats (44 feet in length) will compete on marked courses within two designated race areas located (1) between Tolly Point and Thomas Point, and (2) between Hackett Point and Tolly Point. Interested mariners can contact the Naval Academy Offshore Sailing Program during these events via marine band radio VHF-FM channels 16, 77 and 82A. 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 – SEVERN RIVER– ANNAPOLIS HARBOR – SAILING REGATTA WEEKLY SERIES**

A sailing regatta is scheduled to occur weekly in the Chesapeake Bay near the mouth of the Severn River, the Severn River, and Annapolis Harbor through **Aug 25, 2017**, between 5 p.m. and 8:30 p.m. Up to 40 sailboats (20-45 feet in length) will compete on fixed marked courses on the Severn River on the following race dates on Fridays in 2017: SERIES 2 - 07, 14, 21 and 28 Jul; 11, 18 and 25 Aug. Eastport Yacht Club's Race Committee can be contacted at [race.committee@eastportyc.org](mailto:race.committee@eastportyc.org), and VHF-FM channels 16, 73 and 05. For questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12270, 12282, 12283

**\*\*\*\*MD - CHESAPEAKE BAY - MAGOTHY AND SEVERN RIVERS - SEVERN RIVER - SPA CREEK – PADDLING EVENT\*\*\*\***

A dragon boat paddling event is scheduled to occur on Spa Creek on **Aug 26, 2017**, between 8 am and 12 Noon. A single 48-foot dragon boat will operate on a course located between the Spa Creek (SR-181) Drawbridge and Truxtun Park at Annapolis, MD. The event will start and finish at Ego Alley. Participants will be supported by a sponsor-provided watercraft. Mariners are urged to use caution when transiting the area, and to remain alert for the Annapolis Dragon Boat Foundation participating vessel and its support vessel, which can be contacted on marine band radio VHF-FM channel 67. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

Charts 12282, 12283

**\*\*\*\*MD - CHESAPEAKE BAY – SANDY POINT TO SUSQUEHANNA RIVER – TOLCHESTER CHANNEL – FIREWORKS DISPLAY\*\*\*\***

A fireworks display is scheduled to occur in the upper Chesapeake Bay on **Sep 3, 2017** (no rain date), at 9:30 p.m. Mariners are urged to use caution when transiting the area, reminded to heed the directions of patrolling law enforcement and public safety officials, and absent specific guidance, should remain 100 yards from the fireworks discharge site at the Tolchester Marina pier, located in approximate position latitude 39°12'54.4" N., longitude 076°14'56.1" W. Comments or questions should be directed to Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.  
Charts 12278, 12274

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

A sailboat racing series is scheduled to continue in Baltimore Harbor each Thursday evening through **Sep 29, 2017**, between 6 p.m. and 8:30 p.m. Approx 16 sailboats (22 feet in length) will compete along a designated race 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. Interested mariners may contact the Downtown Sailing Center's Race Committee on marine band radio VHF-FM Channels 16 and 71. For 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 - BOAT PARADE**

An annual boat cruise is scheduled to occur on the Patapsco River on **Aug 19, 2017**, between 10 a.m. and 2:30 p.m. The event consists of 30 pleasure boats (20-40 feet in length) departing North Point Yacht Club in Jones Creek, forming and proceeding as a group to the Fort McHenry National Monument & Historic Shrine in Baltimore, MD, then returning (non-stop) to Jones Creek. Due to mostly non-boating guests on board the participating vessels, mariners are urged to remain alert for a group of pleasure boats traveling in-line, and to operate in a safe manner near participating vessels as this event proceeds. Official safety patrols on scene can be contacted via Marine Band Radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2693.  
Charts 12278, 12281

**\*\*\*\*MD - CHESAPEAKE BAY - PATAPSCO RIVER - NORTHWEST HARBOR (EAST CHANNEL) – FIREWORKS DISPLAY SAFETY ZONE\*\*\*\***

Mariners are advised that the annual Defenders' Day Celebration fireworks display is scheduled to occur on the Patapsco River, adjacent to the Fort McHenry National Monument & Historic Shrine in Baltimore, MD, on Saturday, **September 9, 2017** (no rain date), at approximately 8:15 p.m. As described in the Table to Title 33 CFR Section 165.506, a safety zone is established for all waters of the Patapsco River, within a 300-yard radius of a fireworks discharge barge located in approximate position latitude 39°15'55" N, longitude 076°34'35" W, located adjacent to the East Channel of Northwest Harbor at Baltimore, MD. The zone will be enforced from 7:30 p.m. to 9:30 p.m. on September 9, 2017. The fireworks floating platform will have a sign on its port and starboard sides labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the safety zone will be enforced. This notice will consist of a diamond shaped sign 4 foot by 4 foot with a 3-inch orange retro reflective border. The word "DANGER" in 10 inch black block letters centered on the sign with the words "FIREWORKS" and "STAY AWAY" in 6 inch black block letters above and below the word "DANGER" respectively on a white background. Vessels may not enter, remain in, or transit through the safety zone during this period unless authorized by the Captain of the Port (COTP) Maryland-National Capital Region or designated Coast Guard patrol personnel on scene. All Coast Guard assets enforcing this safety zone can be contacted on marine band radio VHF-FM Channel 16. Other Federal, State and local agencies may assist the U.S. Coast Guard in the enforcement of the safety zone. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at 410-576-2674 or (410) 576-2525. Chart 12281.

**MD – HEAD OF CHESAPEAKE BAY AND BALTIMORE HAROR – POKER RUN**

An annual power boat poker run event is scheduled to occur on the upper Chesapeake Bay on **Aug 26, 2017**, between 10 a.m. and 5 p.m. Up to 60 participating vessels (26 to 53 feet in length) will depart North East, MD, transit southward in the Northeast River and upper Chesapeake Bay to stops in Fairlee Creek, Patapsco River-Middle Branch, and Gunpowder River, before returning to North East, MD. Additional information on the "Rock the Bay" event can be found at <https://pokerrunsamerica.com/>. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.  
Charts 12274, 12278

**MD - CHESAPEAKE BAY - HEAD OF CHESAPEAKE BAY AND BALTIMORE HARBOR - BALTIMORE INNER HARBOR – PADDLING EVENT**

Two segments of a solo kayak paddling event are scheduled to occur (1) in the upper Chesapeake Bay on **Aug 26, 2017** and (2) in Baltimore's Inner Harbor on August 27, 2017. On Saturday, at 7 a.m., the tandem-type ocean kayak will proceed along a 9-mile route starting from North East, MD, near Rocky Point at Elk Neck State Park, transit northward along the western shoreline of Elk Neck to Red Point, cross the Northeast River to Carpenter Point and transit westward along the shoreline to Perry Point, and cross the Susquehanna River to Concord Point, finishing at Havre de Grace, MD. On Sunday, at 9 a.m., the tandem-type ocean kayak will proceed along a 1-1/2-mile route in the Inner Harbor at Baltimore, MD, starting from the , crossing the Inner Harbor Channel to Harbor Point and transit northwestward along the shoreline to and finishing at Pier 1 Inner Harbor. Mariners are urged to use caution when transiting these areas and remain alert for the tandem-type ocean kayak and its support vessels. The "River of Life" support vessels on scene can be contacted on marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.  
Charts 12274, 12281

**\*\*\*\*MD – HEAD OF CHESAPEAKE BAY – NORTHEAST RIVER – SWIM EVENT\*\*\*\***

Mariners are advised that the swim portion of an annual triathlon event is scheduled to occur in the Northeast River on **Aug 27, 2017**, from 7:30 a.m. to 8:15 a.m. Approximately 400 swimmers will compete in waves along 750-meter sprint course marked with inflatable buoys with a start and finish located at the North East Community Park at North East, MD. In addition, on August 26, 2017, from 2:30 p.m. to 3:30 p.m., the swimmers will conduct a swim practice and safety clinic on the water in the same area as the competition held on Sunday. Swimmers will be supported by sponsor-provided watercraft. Official patrol personnel on scene can be contacted on marine band radio VHF-FM channel 16. Information on the "North East Triathlon" can be obtained at website <http://www.piranha-sports.com/>. 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 12274.

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

Paddle boat races are scheduled to occur in the Washington Channel on **Aug 26, 2017**, between 8 a.m. and 5:30 p.m. The event will have up to 40 teams (20 paddlers, 1 drummer per team), with four dragon boats (40 feet in length) racing per heat, competing on a designated sprint-type course near The Wharf, located in Southwest, Washington, DC. Course markers are expected to be set on Friday, August 25, 2017 and removed immediately after the event. Additional information is available at the 2017 Capital Dragon Boat Regatta website <http://www.capitaldragonboat.com/>. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289

#### **DC – UPPER POTOMAC RIVER – ANACOSTIA RIVER - Rowing regatta**

Mariners are advised that an annual rowing regatta is scheduled to occur on the Anacostia River on **September 23, 2017**, from 7 a.m. to 3 p.m. The event consists of 200 crew and sculling shells competing on a 2.5-mile course, with a start near the mouth of the Washington Channel, proceeding upstream in the Anacostia River, and a finish just above the John Philip Sousa (Pennsylvania Ave) Bridge. Additional information from the Capital Rowing Club is available at website <http://www.capitalrowing.org/crcwp/events/hotal/>. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289.

#### **VA - DC – UPPER POTOMAC RIVER – GEORGETOWN CHANNEL - Rowing regatta**

Mariners are advised that an annual rowing regatta is scheduled to occur in the Upper Potomac River on **September 24, 2017**, between 7 a.m. and 5 p.m. The event consists of 400 rowing shells competing on a 2.8-mile marked, downstream course along the Virginia shoreline, located between Fletchers Cove and the Theodore Roosevelt (I-66/US-50) Bridge in Washington, DC. Additional information can be obtained from the Potomac Boat Club website <http://www.potomacboatclub.org/head-of-the-potomac/>. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289.

#### **DC – POTOMAC RIVER – MATTAWOMAN CREEK TO GEORGETOWN – UPPER POTOMAC RIVER – GEORGETOWN CHANNEL - Swim event**

Mariners are advised that the annual "Nation's Triathlon" is scheduled to occur in the Upper Potomac River at Washington, DC, on Sunday, **September 10, 2017**, between 6 a.m. and 10 a.m. The triathlon swim segment will be held along a 1500-meter marked, rectangular course on the Upper Potomac River, located near the shoreline, under, adjacent to and downstream from the Arlington Memorial Bridge. The start (7 a.m.) and finish will occur at a designated transition area downstream from the bridge on the DC side of the river. The swim course marker buoys will be set every 100 meters, and will be set-up on Saturday morning (and removed after the event on Sunday, and on Monday if necessary). Swimmers will be supported by sponsor-provided watercraft. Safety patrol personnel on scene can be contacted on marine radio VHF-FM channel 16. Further information is available at the website <http://nationstri.com/>. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289.

#### **VA - CHESAPEAKE BAY – THIMBLE SHOAL**

Mariners are advised that the Broad Bay Sailing Association will be hosting The Leo Wardrup Memorial Cape Charles Cup on the Chesapeake Bay. On **Aug 19, 2017** the regatta will start on the north side of thimble shoal channel approximately 2 miles north of the buoy 1LC and end at end IVO the Cape Charles Entrance Buoy. On **Aug 20, 2017**, the regatta will start IVO Cape Charles Entrance Buoy and end off Buckroe in Hampton, VA. Each event will begin at 9:30 am and end at 5 pm.

#### **VA - CHESAPEAKE BAY - WILLOUGHBY BANK**

Mariners are advised that the CCV Founders Sailboat Race 2017 will occur in the Chesapeake Bay over Willoughby Bank between Ocean View and the south side of the Thimble Shoal Channel. This event will take place on **Aug 26, 2017** beginning at 11:00 a.m. and ending at 5:00 p.m.

#### **\*\*\*\*VA - ELIZABETH RIVER - LAFAYETTE RIVER – NORFOLK\*\*\*\***

The Labor Day Regatta will occur in the Lafayette and Elizabeth Rivers, beginning at 9 a.m. and ending at 6 p.m. on **Sep 2, 2017**. Mariners are requested to use caution when transiting the area.

#### **VA - CHESAPEAKE BAY - ELIZABETH RIVER - LAFAYETTE RIVER**

Mariners are advised that the Norfolk Yacht Club will be hosting the Norfolk Yacht Fall Series in the confluence of the Elizabeth and Lafayette River, Norfolk, VA. The sailboat races will be held every Friday, beginning at 6 p.m. and ending at 8 p.m., beginning on August 25, 2017 through **Sep 29, 2017**. Mariners are advised to use caution while transiting the area. Chart 12245

#### **VA – CHESAPEAKE BAY – ELIZABETH RIVER**

The Portsmouth Boat Club Barnacle series races will occur in the Elizabeth River from Lambert Bend to Town Point Reach. These events will take place on Aug 4, 2017; Sep 1, 8, 15, 22 and 29, 2017, beginning at 5:45 p.m. and ending at 8:30 p.m. Races that are scheduled for May 20 and **Oct 7, 2017** will begin at 9:30 a.m. and end at 12:30 p.m. Chart 12245, 12253

#### **\*\*\*\*VA - ELIZABETH RIVER - ALBERMARLE AND CHESAPEAKE CANAL \*\*\*\***

The Virginia Water Tourism Corp will be hosting Rock the River on the Albermarle and Chesapeake Canal in vicinity of Battlefield Park Pier in Chesapeake, VA, beginning at 4 p.m. and ending at 7 p.m. on **Sep 2, 2017**. Mariners are requested to use caution while transiting the area.

#### **VA - CHESAPEAKE BAY - HAMPTON BAR - HAMPTON FLATS**

The Hampton Yacht Club will be hosting the Wednesday Night Races in Hampton Roads and Hampton Bar in Hampton Roads, VA. The sailboat regattas will begin at 5:30 p.m. and end at 8 p.m., every Wednesday night, beginning April 5, 2017 through **Sep 27, 2017**. Chart 12245, 12222, 12221

#### **VA - CHESAPEAKE BAY - HAMPTON FLAT**

Mariners are advised that the Hampton Yacht Club will be hosting the single-hand Race in Hampton Flats, Hampton, VA, beginning at 12 p.m. and ending at 4 p.m. on **Sep 27, 2017**. Mariners are requested to use caution when transiting the area. Chart 12245, 12222, 12221

#### **VA - CHESAPEAKE BAY - HILLS BAY**

Mariners are advised that the Fishing Bay Yacht Club's Annual One Design Regatta, will occur in Hills Bay IVO of Gwynn Island, beginning at 9 a.m. and ending at 5 p.m. on **Aug 12, 2017**. Mariners are requested to use caution when transiting the area.  
Chart 12235

**VA - CHESAPEAKE BAY - HILLS BAY**

Mariners are advised that the Fishing Bay Yacht Club's One Design Legacy of Sail Regatta, will occur in Hills Bay IVO of Gwynn Island, beginning at 9 a.m. and ending at 5 p.m. on **Aug 20, 2017**. Mariners are requested to use caution when transiting the area.  
Chart 12235

**VA - CHESAPEAKE BAY - HILLS BAY**

Mariners are advised that the Fishing Bay Yacht Club's One Design Fall Laser Regatta, will occur in Hills Bay IVO of Gwynn Island, beginning at 9 a.m. and ending at 5 p.m. on **Aug 26, 2017**. Mariners are requested to use caution when transiting the area.  
Chart 12235

**VA - CHESAPEAKE BAY - HILLS BAY**

Mariners are advised that the Fishing Bay Yacht Club One Design Fall Series #1, will occur in Hills Bay near Gwynn Island in Milford Haven, beginning at 9 a.m. and ending at 5 p.m. on **Aug 27, 2017**.  
Chart 12235

**VA - CHESAPEAKE BAY - PIANKATANK RIVER**

Mariners are advised that the Fishing Bay Yacht Club's Smith Point Race, will occur on the Chesapeake Bay at the mouth of the Piankatank River. This event will take place beginning at 9 a.m. and ending at 5 p.m. on **Aug 19, 2017**. Mariners are requested to use caution when transiting the area.

**\*\*\*\*VA - CHESAPEAKE BAY - PIANKATANK RIVER – DELTAVILLE\*\*\*\***

The Fishing Bay Yacht Club's Stingray Point Regatta, will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place beginning at 9 a.m. and ending at 5 p.m. on **Sept 1 through 3, 2017**. Mariners are requested to use caution when transiting the area.

**\*\*\*\*VA - CHESAPEAKE BAY - PIANKATANK RIVER – DELTAVILLE\*\*\*\***

Mariners are advised that the Fishing Bay Yacht Club's Wolf Trap Race sailboat regatta will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place beginning at 9 a.m. and ending at 5 p.m. on **September 9, 2017**. Mariners are requested to use caution and bare steerage when transiting the area.

**VA - CHESAPEAKE BAY - HILLS BAY**

Mariners are advised that the Fishing Bay Yacht Club One Design Fall Series #2, will occur in Hills Bay near Gwynn Island in Milford Haven, beginning at 9 a.m. and ending at 5 p.m. on **September 10, 2017**

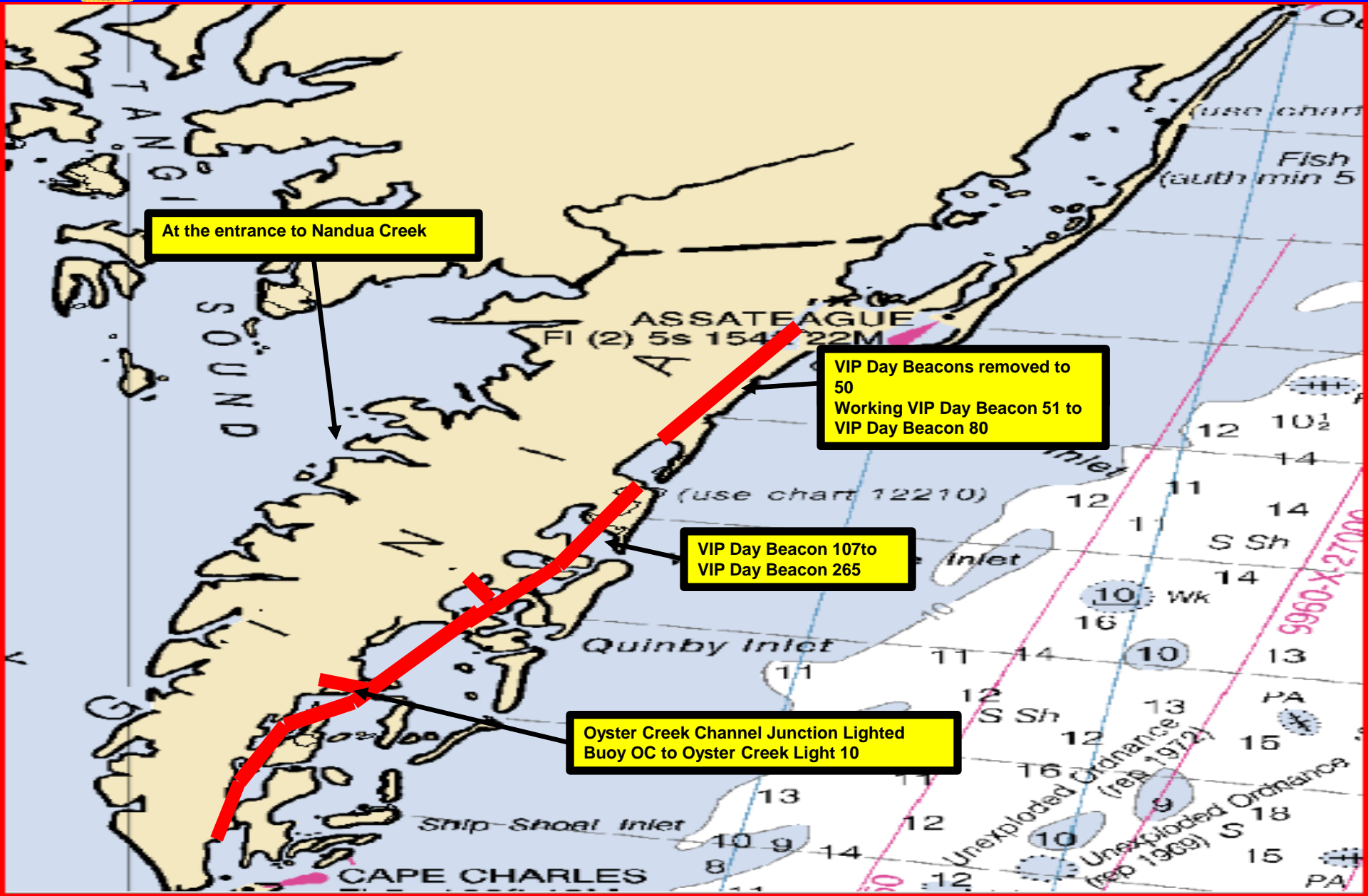
**\*\*\*\*VA - CHESAPEAKE BAY - HAMPTON ROADS \*\*\*\***

Mariners are advised that the Hampton Yacht Club will be hosting the Hampton Annual Middleground Light sailboat race at 10:30 a.m. through 3 p.m. on **September 10, 2017**. Racing will take place in the vicinity of Hampton Roads in Hampton, VA. Mariners are requested to use caution and bare steerage when transiting the area.





# WWM VIP SHOALING



At the entrance to Nandua Creek

VIP Day Beacons removed to 50  
Working VIP Day Beacon 51 to  
VIP Day Beacon 80

VIP Day Beacon 107to  
VIP Day Beacon 265

Oyster Creek Channel Junction  
Buoy OC to Oyster Creek Light 10



# WWM SHOALING LIST 1/3

<b>NTM</b>	<b>AREA</b>	<b>SHOALING DESCRIPTION</b>
BNM 311-13	Nandua Creek	Shoaling at the entrance to Nandua Creek to 2 FT MLW
LNM 24/13	VIP Day Beacon 189 to VIP Light 230	Shoaling to less than 6 FT MLW
LNM 24/13	Sand Shoal Channel Light 1 to Sand Shoal Light 10	Shoaling to less than 6 FT MLW
LNM 24/13	VIP Day Beacon 139 to VIP Day Beacon 184	Shoaling to less than 6 FT MLW
LNM 24/13	VIP Warning Day Beacon AA to VIP Day Beacon 121	Shoaling to less than 6 FT MLW
BNM 170-14	Queen Creek entrance light 2QC to day beacon 10	Shoaling to less than 3 FT MLW
BNM 272-14	Cape Charles to Wolf Trap inside passage Day Beacon 244	Shoaling depth of 1 FT MLW
BNM 293-14	East of Long Creek Day Beacon 7 IVO of Pleasure House Point	Shoaling depth of 2.4 FT MLW
BNM 030-15	Between Milford Haven East Light 6 and Light 9	Shoaling depth of 3 FT MLW
BNM 424-16	Lynnhaven River Eastern Branch Buoy 1EB	Shoaling depth of 0-3 FT MLW



# WWM SHOALING LIST 2/3

NTM	AREA	SHOALING DESCRIPTION
BNM 182-15	Extending 50 yards Channelward from Horn Harbor Light 8	Shoaling depth of 1-2 FT 1 hour before low tide
BNM 573-15	Milford Haven Channel IVO light 3 extending 100 yds east of daybeacon 3A	Shoaling depths of less than 1 FT MLW reported in the Federal Channel.
BNM 549-15	Urbanna Creek – LT 5 to LT 7 less than 2 feet of available depth	Shoaling depth less than 2 FT at MLW
BNM 275-16	Wallops Island Warning Day Beacon A to VIP Day Beacon 80	Shoaling to less than 6FT MLW
BNM 106-16	VIP Day Beacon 107 to VIP Day Beacon 265	Shoaling to less than 6FT MLW
BNM 107-16	Oyster Creek Channel Lighted Junction Buoy OC to Oyster Creek Light 10	Shoaling to less than 6 FT MLW
BNM 328-16	Mattawoman Creek between Light 1MC and Light 2	Shoaling 2-3 FT at MLW
BNM 044-17	Back River 75 yards west of Daybeacon 6	Shoaling 6 FT MLW
BNM 051-17	Rappahannock River mile 60-63	Shoaling less than 4 FT MLW
BNM 073-17	Davis Creek/Mobjack Bay, 100 yds south of LB2 to 150 yds north of LB6	Shoaling 4.9 to 1.2 ft, south to north



# WWM SHOALING LIST 3/3

NTM	AREA	SHOALING DESCRIPTION
BNM 051-17	Rappahannock River mile 60-63	Shoaling less than 4 FT MLW
BNM 073-17	Davis Creek/Mobjack Bay, 100 yds south of LB2 to 150 yds north of LB6	Shoaling 4.9 to 1.2 ft, south to north
LNM 23/17	Salt Ponds	Shoaling 4 ft at low tide, just inside stone jetty.
BNM 215-17	Bennett Creek	Shoaling in channel 0.5 ft IVO Daybeacon 4
BNM 239-17	Queens Creek	SHOALING ACROSS THE CHANNEL FROM QUEENS CREEK CHANNEL BUOY 2 (LLNR 14820) TO QUEENS CREEK CHANNEL LB 5 (LLNR 14840). LEAST DEPTHS RANGE FROM 5.8 FEET AT MEAN LOWER LOW WATER (MLLW) TO 1.8 FEET MLLW.
BNM	Hole in the Wall	Shoaling to 2 ft IVO Milford Haven Buoy 7





# WWM DREDGING PROJECTS

<b>BNM</b>	<b>DATES</b>	<b>AREA</b>	<b>DESCRIPTION</b>
<b>MSIB 16-07, BNM 080-16</b>	<b>Through SEP 2017</b>	<b>Dismal Swap Canal Closure</b>	<b>GDS Canal closed due to shoaling/lock damage until approximately June/July 2017. Debris removal in process due to Hurricane Matthew</b>
<b>BNM 102-17</b>	<b>15 APR – 05 OCT17</b>	<b>Craney Island Rehandling Basin</b>	<b>Maintenance dredging, 24/7.</b>
<b>SEC HR BNM 125-17</b>	<b>02 MAY – AUG 17 (extended)</b>	<b>Thimble Shoal Channel (Buoys 6 – 17)</b>	<b>Maintenance dredging</b>



# WWM BRIDGES

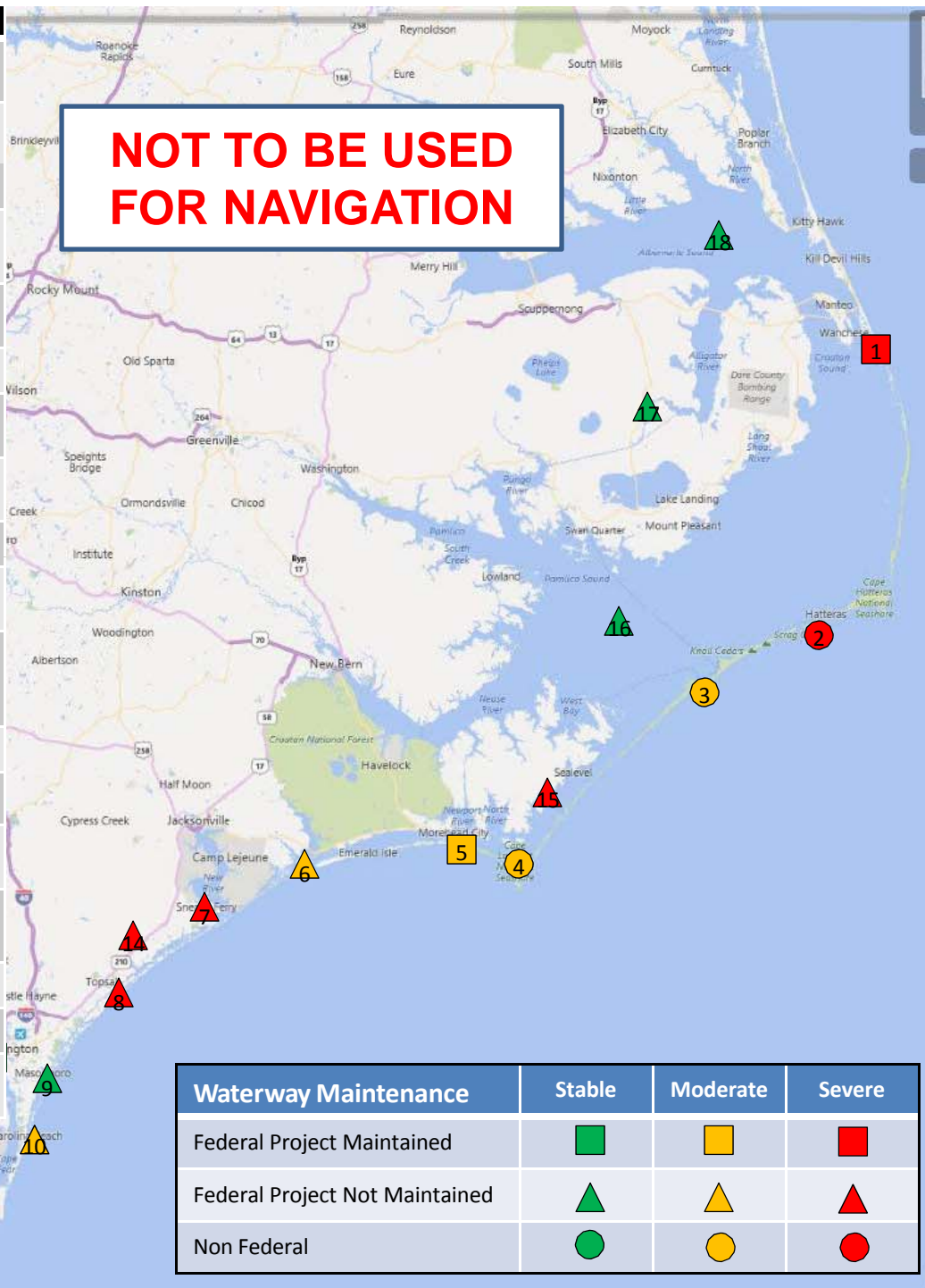
NTM	PROJECT	DATES	AREA	DESCRIPTION
MSIB 16/089 BNM 441-16	I64 High Rise Bridge	30 DEC 16 - <b>17 AUG 17</b>	Elizabeth River/Southern Branch	Maintenance, Mon-Sat, 0700-1700. 1 hour advance prior to transiting the area.
MSIB 16-072	SR3 (Robert O. Norris Jr.) Bridge	Thru 30 NOV 17	Rappahannock River	Maintenance, 24/7.
MSIB 17-038	James River Bridge	Thru 30 DEC 17	James River	Maintenance to fixed spans. Will not impact channel.
MSIB 17-022 LNM 157-16	John A Lesner Bridge	Thru 30 AUG 19	Lynnhaven Inlet	Bridge expansion.



# WWM PROJECTS

NTM	PROJECT	DATES	AREA	DESCRIPTION
BNM 435-16	Crofton Diving	21 DEC 16 – 26 FEB 18	Elizabeth River	Seawall repairs. 24/7.
MSIB 16-082 BNM 398-16	USN Deperming	07 NOV 16 – 07 MAR 18	Elizabeth River	Dive ops for maintenance. Mon-Fri, 0700-1900.
BNM 226-17	VA Power Squadron	Thru July 2018	James River	Diving/survey, Wed/Thu 0900-1900

	Waterway	Depth	Notes
1	Oregon Inlet	< 10'	Significant shoaling, dredged often
2	Hatteras Inlet	< 8'	Significant shoaling
3	Ocracoke Inlet	< 12'	Shifting shoals
4	Barden Inlet	< 12'	Shifting shoals - ferry route (Parts of Barden <3')
5	Beaufort Inlet	>25'	shoaling, dredging sked for Mar-Apr 17
6	Bogue Inlet	< 10'	Shifting shoals
7	New River Entrance	< 10'	Shifting shoals
8	New Topsail Inlet	<12'	Shifting shoals
9	Masonboro Inlet	<12'	Stable
10	Carolina Beach Inlet	<12'	Shifting shoals
11	Cape Fear River Ent & Channel	>25'	Stable –Port Auth proposal to deepen basin to 49'. Dredging in northern section as of late Feb 2017
12	Lockwoods Folly Inlet	<10'	Shifting shoals
13	AICWW CFR - Little R'	<12'	Unstable/shoaling in numerous areas
14	AICWW Beaufort - CFR	<12'	Unstable/shoaling in numerous areas
15	Core Sound	<12'	Significant shoaling – ferry route (Parts of Barden <3')
16	Pamlico Sound	<12'	Minimal shoaling – ferry routes
17	AICWW VA - Beaufort	<12'	Stable
18	Albemarle & Currituck Sounds	<12'	Minimal shoaling - ferry



## Waterways Conditions

Waterway Maintenance	Stable	Moderate	Severe
Federal Project Maintained	Green Square	Yellow Square	Red Square
Federal Project Not Maintained	Green Triangle	Yellow Triangle	Red Triangle
Non Federal	Green Circle	Yellow Circle	Red Circle