



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 34/16

LOCAL NOTICE TO MARINERS

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 <http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=5> . If you have questions about the LNM, please contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (dpw)

431 Crawford Street, Portsmouth, Virginia 23704

Telephone (Day) : (757) 398-6229 or (757) 398-6552 or CGD5Waterways@uscg.mil

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, 2016 Edition.

U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA, 2016 (49th) Edition.

U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL, 2015 (47th) Edition.

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

NAVIGATIONAL INTERNET SITES

Fifth Coast Guard District Prevention Division BLOGSPOT

<http://midatlantic.coastguard.dodlive.mil/>

2016 Light List/ Summary of Corrections.

<http://www.navcen.uscg.gov/index.php?pageName=lightListCorrections>

Bridges Public Notice Website.

<http://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>

NOAA Chart Corrections applicable to any particular NOAA chart:

<http://ocsddata.ncd.noaa.gov/nm/resultList.asp?Chart=> (apply specific chart number i.e. Chart 11548)

D5 LNM on Internet/Archived Back Issues for 2014/2015

<http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=5>

Chesapeake Bay Weather Buoys

<http://www.cbos.org>

Tides on Line

<http://www.tidesonline.nos.noaa.gov/>

Tides, Currents, PORTS

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

Coast Guard District 5

Weather

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

U.S. Army Corps of Engineers Willimington District Survey Maps and Shoaling Surveys
<http://www.saw.usace.army.mil/Missions/Navigation/HydrographicSurveys.aspx>
U.S. Army Corps of Engineers Norfolk District Survey Maps and Shoaling Surveys
<http://gis.nao.usace.army.mil/ESDS/>
U.S. Army Corps of Engineers Philadelphia District Survey Maps and Shoaling Surveys
<http://www.nap.usace.army.mil/Missions/CivilWorks/Surveys/Projects.aspx>

ABBREVIATIONS

A through H

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

I through O

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

P through Z

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

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

****** FIFTH COAST GUARD DISTRICT LOCAL NOTICE TO MARINERS - NEW INFORMATION IN THE LOCAL NOTICE TO MARINERS ******

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

LNM: 25/16

******NJ – GREAT EGG HARBOR BAY – DRAG CHANNEL – ROUTE 9, BEESLEY POINT BRIDGE DEMOLITION******

Route 52 Construction will be continuing demolition work on remaining portion of the Route 9, Beasley Point Bridge, over Great Egg Harbor Bay, in Marmora, NJ, from August 23 through October 20, 2016. The Coast Guard is establishing a Safety Zone on all the water within 250 feet of demolition work being conducted within the main navigational channel. Vessel traffic will be re-routed through an alternate channel to facilitate heavy equipment operating in the main navigational channel. The alternate channel will be established 100 feet south of the most southern

portion of the bascule span which will have a horizontal clearance of 60 feet and an unlimited vertical clearance. The alternate navigational channel will be clearly marked by red and green lighted buoys to signify the channel. Vessels are required to contact the demolition crew via VHF-FM channel 13 or 16 to make satisfactory passing arrangement and maintain a safe speed when transiting the alternate navigational channel. Mariners are advised to proceed with caution when transiting the area.

Chart 12316

LNM: 34/16

NC - HAZARDS OF NORTH CAROLINA COASTAL INLETS

This notice is to notify mariners about accessing hazardous inlets, to heighten public awareness about the hazards that exist in and around the inlets, and to provide the mariner with available information. Mariners are advised that shoaling conditions exist at following North Carolina coastal inlets:

Oregon Inlet Hatteras Inlet

Ocracoke Inlet Barden Inlet

Beaufort Inlet Bogue Inlet

New River Inlet Topsail Inlet

Masonboro Inlet Carolina Beach Inlet

Lockwoods Folly Inlet Shallotte Inlet

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

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

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

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

<http://www.navcen.uscg.gov/?pageName=InmDistrict®ion=5>

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

LNM: 17/16

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker, which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision's in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

LNM: 13/16

ECDIS DATA PRESENTATION AND PERFORMANCE CHECK

In order to promote safety of navigation, the International Hydrographic Organization (IHO) has produced two Electronic Navigational Chart (ENC) datasets designed to alert mariners to the possibility that their Electronic Chart and Display Information System (ECDIS) software may require upgrading. The IHO recommends that all mariners using ECDIS and ENCs visit the following website where they can find more information and instructions for using the test ENC datasets: <http://www.iho.int> > IHO News Links > ECDIS Data Presentation and Performance Check or directly from: http://www.iho.int/srv1/index.php?option=com_content&view=article&id=585&Itemid=828.

LNM: 09/12

IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ECDIS

Following an announcement by the International Maritime Organization (IMO) concerning potential display anomalies in some ECDIS systems, the International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the anomalies. IHO has received reports from mariners confirming that a number of ECDIS fail to display some significant underwater features in the "Standard" display mode. For all significant objects to be visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available from the manufacturer. Mariners are strongly encouraged to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website (www.iho.int) to check the operation of their ECDIS and to determine whether their

system is affected. IHO Circular Letter 33/2012 is available on the Coast Guard's Navigation Center website (<http://www.navcen.uscg.gov>) under the heading News and Notices.

LNM: 12/12

CODE OF FEDERAL REGULATIONS – TITLE 33 PART 70 – INTERFERENCE WITH OR DAMAGE TO AIDS TO NAVIGATION

No person, shall take possession of or make use of for any purpose, or build upon, alter, deface, destroy, move, injure, obstruct by fastening vessels thereto or otherwise, or in any manner whatever impair the usefulness of any aid to navigation established and maintained by the United States. Recently several offshore NOAA data buoys parted their moorings and became adrift due to excessive strain on the mooring. These navigational data buoys collect valuable on scene weather data for all mariners. These buoys are anchored to the seabed, and some have a watch circle radius of over 1 nautical mile. Once the mooring is parted and the buoy is adrift only certain Coast Guard resources can reset the aid back on its intended station. Coordinating of resources to retrieve the buoy, and place it back on station is time consuming and sometimes take weeks, thus valuable weather information cannot be obtained and relayed to mariners in need of it. Mariners are advised not to interfere with these aids to navigation and report any sightings of vessels tied off to them to the U.S. Coast Guard. Interference with or intentional damage to Aids to Navigation is a misdemeanor and shall be subject to a fine not exceeding the sum of \$500 for each offense (33 CFR 70.0).

LNM: 13/16

NOAA PRODUCTION OF LITHOGRAPHIC

The Federal Aviation Administration (FAA), NOAA's authorized lithographic printer, announced that the traditional printing of NOAA paper nautical charts will be discontinued effective April 13, 2014. In the interim time period, NOAA lithographic charts will still be available from FAA and chart agents. NOAA Print-on Demand charts (POD) will continue to be available through two authorized vendors. NOAA charts are also available as NOAA Raster Navigational Charts (RNC), Electronic Navigational Charts (ENC), and as a portable document format (PDF). For more information, please visit NOAA's Office of Coast Survey's homepage at <http://www.nauticalcharts.noaa.gov/>. The POD charts produced by NOAA's POD partners are, and will continue to be considered published by NOAA, and will meet all mandatory carriage requirements as specified by navigation safety regulations: 33 CFR 164.01 and 33CFR 164.33.

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. 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, Navigational Rules, and maritime information. 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 (<http://www.navcen.uscg.gov/?pageName=gpsSubscribe>). In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS and AIS service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at <http://www.navcen.uscg.gov>.

NAUTICAL CHART UPDATES

The National Ocean Service (NOS) has moved and expanded the function of its "critcorr" website. The new "Nautical Chart Updates" website allows the mariner to update their nautical charts from one database that includes information from NOS, and NGA Notice to Mariners, the Coast Guard Local Notice to Mariners and the Canadian Coast Guard Notice to Mariners. To access the website and for more information go to: and click on: <http://www.nauticalcharts.noaa.gov>.

NATIONAL OCEAN SERVICE (NOS) - CHARTS, PUBLICATIONS, AND TABLES - SALES AGENTS

Sales agents for Charts and Coast Pilots of the National Ocean Service are located in many U. S. ports and in some foreign ports. A list of authorized sales agents and chart catalogs is available free upon request from National Ocean Service, Distribution Division (N/ACC3), 6501 Lafayette Avenue, Riverdale, Maryland 20737.

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) - 362, 363, 364, 366, 367, 369 THRU 376-16.

Sector Delaware Bay (DB) - 306, 317, 319, 321, 325-16.

Sector Maryland National Capital Region (MD) - 288-16, 287-16, 286-16, 285-16, 284-16, 282-16, 281-16, 280-16, 279-16, 275-16, 273-16, AND 272-16.

Sector Hampton Roads (HR) - 269-16, 268-16, 267-16, 265-16, 264-16, 261-16, 259-16, 258-16, 251-16, 247-16, 246-16, 239-16, 238-16, 232-16, 230-16, 226-16, 224-16.

Sector North Carolina (NC) - 394, 395, 396, 400, 401, 404, 405, 406, 408, 409, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423-16.

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
35	Little Egg Inlet Outer Lighted Whistle Buoy LE	TMK MISSING	12316	245DB	27/16	
120	Five Fathom Bank Lighted Buoy F	REDUCED INT/RAC INOP	12214	243DB	21/16	
155	Cape May Light	REDUCED INT	12316	251DB	26/16	
350	Cape Charles Light	LT EXT	12222	384HR	18/13	
415	Chesapeake Bay Southern Approach Lighted Buoy 1	LT EXT	12200	280HR	34/16	
500	Rudee Inlet Lighted Whistle Buoy RI	LT EXT	12205	278HR	34/16	
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	
640	Diamond Shoals Lighted Buoy 12	LT EXT	11555	263NC	22/16	
795	New Topsail Inlet Lighted Whistle Buoy NT	SINKING	11541	404NC	31/16	

865	Lockwoods Folly Inlet Lighted Whistle Buoy LW	OFF STA/REDUCED INT	11534	394NC	30/16
995	Barnegat Inlet Buoy 20	MISSING	12324	327DB	34/16
1100	Little Egg Inlet Outer Lighted Whistle Buoy LE	TMK MISSING	12316	245DB	27/16
2055	Delaware Bay East Icebreaker Light 2	STRUCT DEST/LT EXT	12216	186DB	20/16
2065	Roosevelt Inlet Jetty Light 1R	DAYMK MISSING	12216	265DB	28/16
2070	Roosevelt Inlet Jetty Light 2	DAYMK DMGD	12216	266DB	28/16
2115	Rehoboth Bay Channel Lighted Buoy 9	MISSING	12216	334DB	34/16
2520	Baker Range Lighted Buoy 4B	LT EXT	12311	177DB	19/16
3135	Marcus Hook Range Front Light	REDUCED INT	12312	306DB	32/16
3290	Tinicum Range Rear Light	LT EXT	12313	168DB	19/16
3800	Mud Island Upper Range Rear Light	REDUCED INT	12314	167DB	19/16
3820	Enterprise Lower Range Front Light	REDUCED INT	12314	141DB	15/16
3845	Enterprise Upper Range Rear Light	REDUCED INT	12314	140DB	15/16
3935	Devlin Lower Range Front Light	REDUCED INT	12314	195DB	20/16
4040	Upper Delaware River Channel Lighted Buoy 54	MISSING/LT EXT	12314	194DB	20/16
4150	Kinkora Upper Range Rear Light	LT EXT	12314	616DB	47/15
4375	Indian River Inlet South Jetty Light 3	DAYMK IMCH	12216	264DB	28/16
4785	Isle of Wight Bay Warning Buoy C	MISSING	12211	236MD	27/16
5205	Chincoteague Bay Daybeacon 26	STRUCT DEST/TRUB	12211	189MD	13/15
5215	Chincoteague Bay Daybeacon 23	STRUCT DEST/TRUB	12211	190MD	13/15
5220	Chincoteague Bay Lighted Buoy 21	OFF STA	12211	NONEMD	33/16
5435	Chincoteague Bay Channel Light 9	STRUCT DEST/TRUB	12211	084HR	10/15
5477	Chincoteague Bay Daybeacon 16A	TRUB/STRUCT DEST	12211	223HR	11/15
5490	Chincoteague Bay Lighted Buoy 21	OFF STA	12211	NONEMD	33/16
5495	Chincoteague Bay Daybeacon 23	STRUCT DEST/TRUB	12211	190MD	13/15
5505	Chincoteague Bay Daybeacon 26	STRUCT DEST/TRUB	12211	189MD	13/15
5755	Virginia Inside Passage Daybeacon 49	STRUCT DEST	12210	306HR	20/15
5767	Virginia Inside Passage Daybeacon 52	DAYMK MISSING	12210	242HR	26/14
5820	Virginia Inside Passage Warning Daybeacon B	DAYMK MISSING	12210	470HR	50/12
5850	Virginia Inside Passage Light 80	LT EXT/DAYMK MISSING	12210	284HR	18/15
5870	Virginia Inside Passage Daybeacon 82	STRUCT DEST	12210	285HR	18/15
5875	Virginia Inside Passage Daybeacon 84	DAYMK MISSING	12210	286HR	18/15
5885	Virginia Inside Passage Light 87	STRUCT DEST	12210	264HR	17/15
5930	Virginia Inside Passage Daybeacon 102	DAYMK MISSING	12210	265HR	17/15
5935	Virginia Inside Passage Daybeacon 103	STRUCT DEST/DAYMK MISSING	12210	266HR	17/15
5940	Virginia Inside Passage Daybeacon 105	STRUCT DEST	12210	267HR	17/15
5945	Virginia Inside Passage Daybeacon 106	STRUCT DEST	12210	261HR	17/15
6010	Virginia Inside Passage Daybeacon 125	DAYMK MISSING	12210	250HR	30/16
6115	Virginia Inside Passage Daybeacon 153	DAYMK MISSING	12210	056HR	07/15
6137	Virginia Inside Passage Daybeacon 157B	DAYMK MISSING	12210	057HR	07/15
6145	Virginia Inside Passage Light 160	DAYMK MISSING	12210	058HR	07/15
6160	Virginia Inside Passage Daybeacon 163	STRUCT DEST	12210	226HR	14/15
6170	Virginia Inside Passage Daybeacon 165	DAYMK MISSING	12210	059HR	07/15
6180	Virginia Inside Passage Light 169	STRUCT DMGD	12210	060HR	07/15
6210	Virginia Inside Passage Light 180	STRUCT DMGD	12210	384HR	36/11
6245	Virginia Inside Passage Light 191	DAYMK DMGD	12224	014HR	02/16
6280	Virginia Inside Passage Daybeacon 199	DAYMK MISSING	12224	014HR	02/16
6285	Virginia Inside Passage Daybeacon 199A	STRUCT DEST	12224	014HR	02/16
6320	Virginia Inside Passage Daybeacon 206	DAYMK MISSING	12221	014HR	02/16
6343	Virginia Inside Passage Daybeacon 211	STRUCT DEST	12224	014HR	02/16
6348	Virginia Inside Passage Daybeacon 213	MISSING	12224	014HR	02/16
6355	Virginia Inside Passage Light 215	LT EXT/DAYMK MISSING	12224	014HR	32/13

6375	Virginia Inside Passage Daybeacon 218	DAYMK MISSING	12224	014HR	02/16
6385	Virginia Inside Passage Daybeacon 219	STRUCT DEST	12224	014HR	02/16
6390	Virginia Inside Passage Daybeacon 221	DAYMK MISSING	12224	014HR	02/16
6415	Virginia Inside Passage Daybeacon 225	DAYMK MISSING	12224	014HR	02/16
6440	Virginia Inside Passage Light 232	DAYMK MISSING	12224	200HR	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
6570	Virginia Inside Passage Buoy 263	MISSING	12224	338HR	22/15
6590	Virginia Inside Passage Light 267	DAYMK MISSING	12222	161HR	22/16
6675	Wachapreague Channel Light 9	STRUCT DEST/TRLB	12210	050HR	08/15
6690	Virginia Inside Passage Daybeacon 125	DAYMK MISSING	12210	250HR	30/16
6745	Virginia Inside Passage Light 160	DAYMK MISSING	12210	058HR	07/15
6766	Quinby Creek Buoy 5	MISSING	12210	218HR	23/13
6776	Quinby Creek Lighted Buoy 9	MISSING	12210	129HR	18/12
6780	Quinby Creek Light 11	MISSING/STRUCT DEST	12210	353HR	35/13
6820	Great Machipongo Inlet Light 5	LT EXT	12224	559HR	49/15
6850	Great Machipongo Inlet Daybeacon 12	DAYMK MISSING	12210	019HR	02/16
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
6945	Great Machipongo Channel Daybeacon 15	DAYMK MISSING	12210	018HR	02/16
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
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
7275	Chesapeake Channel Lighted Buoy 42	RAC INOP	12226	276HR	34/16
8050	Craighill Channel Range Rear Light	LT EXT	12278	294MD	34/16
9165	Bohemia River Light 2	LT EXT	12274	247MD	29/16
10142	Lynnhaven Inlet Light 5	DAYMK MISSING	12254	124HR	19/16
11090	Nansemond River Channel Light 16	LT EXT	12248	243HR	30/16
11525	Warwick River Daybeacon 2	STRUCT DEST/TRUB	12248	122HR	19/16
11995	Jamestown Island Daybeacon 2	STRUCT DEST	12248	208HR	13/15
12640	James River Channel Light 133	LT EXT	12252	143HR	21/16
13555	York River West Range Rear Light	LT EXT	12238	203HR	26/16
14390	North River Light 5	LT EXT	12238	272HR	34/16
14445	Horn Harbor Entrance Light HH	DAYMK MISSING	12238	147HR	21/16
15157	Corrotoman River Light 3	LT EXT	12237	249HR	25/16
15610	Hoskins Creek Range Rear Light	LT EXT	12237	269HR	31/16
16350	Little Wicomico River Approach Light 2LW	DAYMK MISSING	12233	097HR	15/16
16590	Coan River Light 6	STRUCT DEST/TRLB	12233	292MD	34/16
17260	Wicomico River Warning Daybeacon	DAYMK MISSING	12286	323MD	24/15
17800	Port Tobacco River Daybeacon 12	STRUCT DEST/TRUB	12288	262MD	30/16
17805	Port Tobacco River Daybeacon 14	DAYMK IMCH	12288	265MD	31/16
19330	Herring Bay Daybeacon 3	DAYMK DMGD	12266	264MD	30/16
19407	Rockhold Creek Channel Daybeacon 10	STRUCT DMGD	12266	275MD	32/16
19935	Weems Creek Junction Daybeacon WC	STRUCT DEST/TRLB	12283	160MD	15/16
20515	North Point Creek Light 2	LT EXT/TRLB	12278	255MD	29/16
21475	Cape Charles City Approach Light C	DAYMK DMGD	12224	101HR	16/16
21665	Nassawadox Creek Warning Daybeacon H	STRUCT DEST/HAZ NAV/TRUB	12226	074HR	12/16
21790	Nandua Creek Channel Warning Daybeacon F	DAYMK MISSING	12226	203HR	12/15
22475	Starling Creek Daybeacon 6	TRUB/STRUCT DEST	12228	330HR	22/15
23080	Big Thorofare Channel Daybeacon 21	STRUCT DEST/TRLB	12228	267MD	30/16
23410	Goose Creek Channel Daybeacon 6	STRUCT DEST/TRLB	12231	121MD	11/15

23430	Manokin River Channel Daybeacon 9	DAYMK DMGD	12231	280MD	32/16
23955	Wicomico River Channel Light 55	LT EXT/TRLB	12261	221MD	24/16
25920	Knapps Narrows West Channel Light 1	STRUCT DMGD	12266	273MD	32/16
26310	Crab Alley - Little Creek Daybeacon 1	STRUCT DEST/TRLB	12270	179MD	17/16
28715	South Ferry Terminal Light 7	STRUCT DEST/TRLB	11555	160NC	09/16
29077	Big Foot Slough Channel Daybeacon 12	STRUCT DEST/TRUB	11550	431NC	34/16
29255	Barden Inlet Warning Daybeacon A	DAYMK MISSING	11545	421NC	33/16
29300	Harkers Island East Channel Light 10	TRLB/STRUCT DEST	11545	222NC	16/13
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
29970	New Topsail Inlet Lighted Whistle Buoy NT	SINKING	11541	404NC	31/16
30020	New Topsail Inlet Buoy 7	MISSING	11541	405NC	31/16
30025	New Topsail Inlet Buoy 8	OFF STA	11541	406NC	31/16
30270	Carolina Beach Inlet Buoy 2	MISSING	11534	630NC	49/15
31005	Lockwoods Folly Inlet Lighted Whistle Buoy LW	OFF STA/REDUCED INT	11534	394NC	30/16
31047	Lockwoods Folly Inlet Buoy 12	OFF STA	11534	429NC	34/16
31170	Whale Head Bay Light 1	OFF STA/STRUCT DEST/TRLB	12204	263NC	18/15
32730	Judith Island Cut East Light 2	STRUCT DEST/TRLB	11548	367NC	29/16
32925	Pungo Creek Light 3	LT EXT	11553	384NC	29/16
33335	Broad Creek Light 4	LT EXT	11554	391NC	30/16
33425	Bay River Daybeacon 8	DAYMK MISSING	11552	422NC	33/16
33455	Bay River Daybeacon 15	STRUCT DEST/HAZ NAV	11548	438NC	34/16
33490	Cedar Island North Light	LT EXT/DAYMK MISSING/STRUCT DMGD	11550	045NC	29/14
33790	Adams Creek Light 1AC	STRUCT DEST/TRLB	11541	433NC	34/16
34315	Trent River Daybeacon 20	TRLB/STRUCT DEST	11552	523NC	39/15
34505	Atlantic Channel Buoy 4	MISSING	11545	356NC	28/16
34520	Core Sound Light 24	DAYMK MISSING	11545	369NC	29/16
34545	Core Sound Lighted Buoy 28	OFF STA	11545	284NC	23/16
34595	Oyster Creek Daybeacon 3	STRUCT DEST/TRLB	11550	409NC	31/16
35185	New Jersey Intracoastal Waterway Light 49A	LT EXT	12324	209DB	21/16
35310	New Jersey Intracoastal Waterway Daybeacon 80	STRUCT DMGD/TRLB	12324	080DB	04/16
35400	New Jersey Intracoastal Waterway Daybeacon 102	STRUCT DEST/TRLB	12316	034DB	18/15
36745	Cape May Harbor Light 8	STRUCT DEST/DAYMK MISSING	12317	303DB	31/16
37400	Great Bridge to Albemarle Sound Light 43	STRUCT DEST/TRLB	12206	240HR	28/16
37905	Alligator River Daybeacon 30	STRUCT DEST/TRUB	11553	093NC	09/16
38290	Adams Creek Light 1AC	STRUCT DEST/TRLB	11541	433NC	34/16
38440	Russell Slough Junction Light RS	STRUCT DEST/TRLB	11541	385NC	12/16
39217	Bogue Sound - New River Buoy 60	OFF STA	11541	408NC	31/16
39507	New River - Cape Fear River Light 89	DAYMK MISSING	11541	208NC	19/16
39680	New River - Cape Fear River Daybeacon 143	STRUCT DMGD/TRUB	11534	401NC	31/16
39758	New River - Cape Fear River Buoy 162A	OFF STA	11534	331NC	27/16
39875	New River - Cape Fear River Daybeacon 176	STRUCT DEST/TRUB	11534	416NC	32/16
40440	Cape Fear River - Little River Daybeacon 113	STRUCT DEST/TRUB	11534	375NC	29/16

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1620	Delaware Bay Main Channel Light 32	RELIGHTED	12304	321DB	33/16	34/16

2050	Harbor Of Refuge North End Light 1	DISCONT/REPLACE	12216	024DB	04/16	34/16
8125	Craighill Channel Lighted Buoy 23	RELIGHTED	12278	291MD	34/16	34/16
8855	Taylor Island Shoal Buoy 1	RESET ON STATION	12274	190MD	19/16	34/16
13497	York River East Range Rear Light	RELIGHTED	12241	256HR	32/16	34/16
19105	Cuckhold Creek Light 4	WATCHING PROPERLY	12264	272MD	32/16	34/16
27155	Middle River Daybeacon 7	REBUILT/RECOVERED	12278	261MD	30/16	34/16
27840	Northeast River Buoy 4	RESET ON STATION	12274	148MD	13/16	34/16
27845	Northeast River Buoy 5	RELOCATED	12274	162MD	16/16	34/16
28830	Rollinson Channel Light 34	REBUILT/RECOVERED	11555	647NC	50/15	34/16
28930	Ocracoke Inlet Lighted Buoy 10	RESET ON STATION	11550	418NC	32/16	34/16
31045	Lockwoods Folly Inlet Buoy 10	WATCHING PROPERLY	11534	424NC	33/16	34/16
31335	Kitty Hawk Bay Daybeacon 3	REBUILT/RECOVERED	12204	420NC	28/16	34/16
31976	Roanoke Marshes Warning Daybeacon	REBUILT/RECOVERED	12204	467NC	35/15	34/16
32600	Brant Island Warning Daybeacon U	WATCHING PROPERLY	11548	396NC	31/16	34/16
32615	Brant Island Warning Daybeacon X	WATCHING PROPERLY	11548	395NC	31/16	34/16
33495	West Bay Light 2WB	RELOCATED	11550	434NC	34/16	34/16
38390	Core Creek Light 20	REBUILT/RECOVERED	11541	400NC	31/16	34/16
38905	Bogue Sound Light 17	WATCHING PROPERLY	11541	427NC	34/16	34/16
	Chincoteague Bay Channel Light 8	DISCONT/REPLACE	12211	045HR	10/15	34/16
	Greenbackville Light 1	DISCONT/REPLACE	12211	522HR	41/15	34/16

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9	Ocean Power Lighted Data Buoy A	MISSING	12323	585DB	49/13	
793.6	NC Artificial Fishing Reef Buoy AR366	MISSING	11539	282NC	19/14	
819	NC Artificial Fishing Reef Buoy AR425	MISSING	11520	079NC	04/14	
1155	Marshelder Channel Buoy 3	MISSING	12316	250DB	26/16	
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	
4991.16	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	DAYMK IMCH	12211	528HR	46/12	
5165	Chincoteague Bay State Boundary Line Buoy B	OFF STA	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
10186	Lynnhaven River Daybeacon 1LR	STRUCT DEST	12254	080HR	08/15
10334	Lynnhaven River Eastern Branch Daybeacon 27	DAYMK MISSING	12222	162HR	23/16
10762.03	Lafayette River Northern Branch Daybeacon 3	DAYMK MISSING	12245	251HR	26/14
10762.1	Lafayette River Northern Branch Daybeacon 12	DAYMK MISSING	12245	252HR	26/14
10962	Hampton River Channel Buoy 22	DAYMK DMGD	12245	NONEHR	16/16
12127	Glasshouse Point Lower Ferry Light	LT EXT	12251	367HR	24/15
12692	James River Lighted Data Buoy A	OFF STA	12252	NONEHR	07/16
12692.1	James River Lighted Data Buoy B	OFF STA	12252	NONEHR	07/16
12895	Salt Ponds Daybeacon 12	DAYMK DMGD	12222	NONED5	17/16
12950	Back River South Channel Daybeacon 2	STRUCT DEST	12238	332HR	24/13
12958	Back River South Channel Daybeacon 8	DAYMK MISSING	12238	193HR	12/15
13050	Harris River Approach Daybeacon 3	DAYMK MISSING	12238	036HR	06/12
13050	Harris River Approach Daybeacon 3	DAYMK MISSING	12238	168HR	20/14
13065	Harris River Approach Daybeacon 6	OFF STA	12238	169HR	20/14
13065	Harris River Approach Daybeacon 6	OFF STA/DAYMK DMGD	12238	037HR	06/12
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
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
16853	Potomac River Sandy Point Lighted Data Buoy A	MISSING	12233	282MD	20/14
16962	Cabin Point Creek Daybeacon 1	STRUCT DEST/HAZ NAV	12285	225MD	25/16
16963	Cabin Point Creek Daybeacon 2	STRUCT DEST/HAZ NAV	12285	225MD	25/16
16971	Glebe Creek Daybeacon 1	STRUCT DEST/HAZ NAV	12285	224MD	25/16
16971.5	Glebe Creek Daybeacon 2	STRUCT DEST/HAZ NAV	12285	224MD	25/16
16972.5	Glebe Creek Daybeacon 4	STRUCT DEST/HAZ NAV	12285	224MD	25/16
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
18014	Aquia Creek Daybeacon 31	DAYMK IMCH	12288	422MD	34/14
18014.1	Aquia Creek Daybeacon 32	DAYMK DMGD	12288	NONEMD	34/14
18014.2	Aquia Creek Daybeacon 33	DAYMK IMCH	12288	423MD	34/14
18014.3	Aquia Creek Daybeacon 34	DAYMK DMGD	12288	424MD	34/14
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	DAYMK MISSING	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
18980	Mill Creek (Patuxent River) Buoy 11	OFF STA	12284	040MD	05/16
19152	Academy Of Natural Science Intake Light B	STRUCT DEST/HAZ NAV	12264	121MD	08/15
19512	West River Buoy 7	OFF STA	12270	271MD	32/16
19612	South River Warning Buoy A	MISSING	12270	039MD	06/13
19613	South River Warning Buoy B	MISSING	12270	040MD	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
21175	Fairfield Channel Buoy 2	MISSING	12281	036MD	08/12
21180	Fairfield Channel Buoy 4	MISSING	12281	037MD	08/12
21180	Fairfield Channel Buoy 4	OFF STA	12281	286MD	37/12
21185	Fairfield Channel Buoy 6	MISSING	12281	233MD	17/07
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
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
26343	Greenwood Creek Buoy 1G	OFF STA	12270	NONEMD	12/15
26343.1	Greenwood Creek Buoy 2	OFF STA	12270	281MD	12/15
26343.2	Greenwood Creek Buoy 3	OFF STA	12270	NONEMD	12/15
26343.3	Greenwood Creek Buoy 4	OFF STA	12270	NONEMD	12/15
26343.4	Greenwood Creek Buoy 5	OFF STA	12270	NONEMD	12/15
26343.5	Greenwood Creek Buoy 6	OFF STA	12270	NONEMD	12/15
26343.6	Greenwood Creek Buoy 8	OFF STA	12270	NONEMD	12/15
26343.7	Greenwood Creek Buoy 10	OFF STA	12270	NONEMD	12/15
26343.8	Greenwood Creek Buoy 12	OFF STA	12270	NONEMD	12/15
26343.9	Greenwood Creek Buoy 13	OFF STA	12270	NONEMD	12/15
26990	Shallow Creek Daybeacon 9	DAYMK MISSING	12278	NONEMD	20/11
27230	Upper Gunpowder River Buoy 2	MISSING	12274	280MD	19/15
27240	Upper Gunpowder River Buoy 4	MISSING	12274	279MD	19/15
27245	Upper Gunpowder River Daybeacon 5	STRUCT DEST	12274	278MD	19/14
27250	Upper Gunpowder River Buoy 6	MISSING	12274	277MD	19/15
27255	Upper Gunpowder River Buoy 7	MISSING	12274	276MD	19/15
27265	Upper Gunpowder River Buoy 9	OFF STA	12274	275MD	19/15
27270	Upper Gunpowder River Buoy 10	OFF STA	12274	274MD	19/15
27280	Upper Gunpowder River Daybeacon 12	OFF STA	12274	273MD	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

30905	Wilmington Marine Center Daybeacon 6	DAYMK DMGD	11537	NONENC	05/16
30910	Wilmington Marine Center Daybeacon 7	DAYMK DMGD	11537	NONENC	05/16
31060	Shallotte Inlet Buoy 2	MISSING	11534	005NC	01/14
31087	Shallotte Inlet Buoy 9	MISSING	11534	317NC	23/13
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
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 Daybaecon 4	STRUCT DEST	12316	556DB	41/15
	Asquith Creek Daybeacon 6	DAYMK IMCH	12282	520MD	45/14
	Back Creek-Syc Daybeacon 8	STRUCT DMGD	12238	NONEHR	23/16
	Back River Buoy 6	BUOY DMGD		263MD	33/13
	Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
	Cherrystone Artifical Reef Buoys	MISSING	12221	NONED5	24/05
	Cox Creek Channel Buoy 6 (Patapsco)	ADRIFT	12278	296MD	36/13
	Cox Creek Channel Buoy 7 (Patapsco)	ADRIFT	12278	297MD	36/13
	East Cod Creek Daybeacon 4	DAYMK MISSING	12233	120MD	21/12
	East Cod Creek Daybeacon 6	DAYMK DMGD	12285	318MD	26/09
	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
	Irish Creek Buoy 3	MISSING	12266	208MD	23/16
	Little Cove Point Warning Light C	STRUCT DEST	12264	286MD	36/13
	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 Artifical Reef Buoy	MISSING	12210	0071ES	21/05
	Playtors Creek Dbn 3	STRUCT DEST	12266	186MD	18/16
	Shark Riv Is Ch By 1	MISSING		215DB	22/16
	Shark River Light 5	LT EXT		395DB	28/15
	Spriggs Pond Buoy 1	OFF STA		268MD	31/16
	St. Michaels Harbor Buoy 11	MISSING	12270	295MD	34/16
	St. Michaels Harbor Buoy 6	SINKING	12270	177MD	16/16
	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 Water Qual Monitor Device (3)	MISSING		NONEHR	14/14
	Wachapreague Artifical 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
2050	Harbor Of Refuge North End Light 1	TRLB	12216	372D5	33/16	
6348	Virginia Inside Passage Daybeacon 213	TRUB	12224	NONED5	02/14	
7450	USN Aerial Gunnery Area Warning Daybeacon A	TRLB	12228	500BA	16/16	
7960	Chesapeake Channel Lighted Buoy 93	RELOCATED	12282	403D5	34/16	
8150	Brewerton Channel Range Front Light	RELOCATED	12281	181D5	14/15	
9520	Elizabeth River Channel Lighted Bell Buoy 10	RELOCATED FOR DREDGING	12245	623D5	52/15	
9552.5	Norfolk International Terminal North Channel Lighted Buoy 6N	RELOCATED FOR DREDGING	12245	623D5	52/15	
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	
21215	Ferry Bar Channel Lighted Buoy 3	RELOCATED FOR DREDGING	12281	405D5	34/16	
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	
27405	Fairlee Creek Light 2F	DISCONTINUED	12278	136D5	13/16	
27845	Northeast River Buoy 5	RELOCATED	12274	404D5	34/16	
28030	Oregon Inlet Buoy 14A	DISCONTINUED FOR DREDGING	12204	534D5	43/15	
28035	Oregon Inlet Buoy 15	DISCONTINUED FOR DREDGING	12204	012D5	03/16	
28146	Oregon Inlet Channel Daybeacon 43	RELOCATED DUE TO SHOALING	12204	411D5	34/16	
28170	Oregon Inlet Channel Daybeacon 48	RELOCATED DUE TO SHOALING	12204	411D5	34/16	
28234	Old House Channel Lighted Buoy 2H	DISCONTINUED	12206	410D5	34/15	
28235	Old House Channel Buoy 3	RELOCATED DUE TO SHOALING	12204	374D5	33/16	
28669	Hatteras Inlet Buoy 9	DISCONTINUED	11555	269D5	21/15	
28670	Hatteras Inlet Buoy 9A	DISCONTINUED	11555	269D5	21/15	
28717	South Ferry Terminal Lighted Buoy 8SF	DISCONTINUED	11555	437D5	15/16	

28719	South Ferry Terminal Lighted Buoy 10SF	DISCONTINUED	11555	437D5	15/16
28724	Hatteras Inlet Lighted Buoy 9B	DISCONTINUED	11555	269D5	21/15
28726	Hatteras Inlet Lighted Buoy 10	DISCONTINUED	11555	269D5	21/15
28726.1	Hatteras Inlet Buoy 10A	DISCONTINUED	11555	269D5	21/15
28726.2	Hatteras Inlet Lighted Buoy 10B	DISCONTINUED	11555	269D5	21/15
28729	Hatteras Inlet Lighted Buoy 11	DISCONTINUED	11555	269D5	21/15
28730.1	Hatteras Inlet Channel Lighted Buoy 11A	DISCONTINUED	11555	297D5	27/14
28730.15	Hatteras Inlet Channel Buoy 11AA	DISCONTINUED	11555	269D5	21/15
28730.2	Hatteras Inlet Channel Lighted Buoy 11B	DISCONTINUED	11555	269D5	21/15
28732.1	Hatteras Inlet Channel Lighted Buoy 12A	DISCONTINUED FOR DREDGING	11555	367D5	32/16
28733	Hatteras Inlet Channel Lighted Buoy 12AA	DISCONTINUED	11555	269D5	21/15
28733.1	Hatteras Inlet Channel Buoy 12B	DISCONTINUED	11555	269D5	21/15
28733.2	Hatteras Inlet Channel Buoy 12C	DISCONTINUED	11555	269D5	21/15
28735.2	Hatteras Inlet Channel Lighted Buoy 13	DISCONTINUED	11555	NONED5	23/15
28735.6	Hatteras Inlet Channel Lighted Buoy 14	DISCONTINUED FOR DREDGING	11555	367D5	32/16
28795	Hatteras Inlet Channel Daybeacon 26	RELOCATED DUE TO SHOALING	11555	409D5	34/16
28800	Hatteras Inlet Channel Daybeacon 27	RELOCATED DUE TO SHOALING	11555	409D5	34/16
28825	Rollinson Channel Light 33	RELOCATED DUE TO SHOALING	11555	410D5	34/16
28830	Rollinson Channel Light 34	RELOCATED DUE TO SHOALING	11555	410D5	34/16
28835	Rollinson Channel Light 35	DISCONTINUED	11555	410D5	34/16
28955	Teaches Hole Channel Lighted Buoy 20	DISCONTINUED	11550	173D5	14/15
29057	Big Foot Slough Channel Buoy 9AA	RELOCATED DUE TO SHOALING	11550	408D5	34/16
29253	Barden Inlet Buoy 30	RELOCATED DUE TO SHOALING	11545	373D5	33/16
29372	Beaufort Inlet Channel Lighted Buoy 13	RELOCATED FOR DREDGING	11547	407D5	34/16
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
29720	New River Inlet Buoy 10	DISCONTINUED	11541	NONED5	43/14
29721	New River Inlet Buoy 10A	DISCONTINUED	11541	491D5	43/14
29723	New River Inlet Buoy 10B	DISCONTINUED	11541	491D5	43/14
29725	New River Inlet Buoy 11	DISCONTINUED	11541	491D5	43/14
29726	New River Inlet Buoy 11A	DISCONTINUED	11541	491D5	43/14
29763	New River Buoy 17A	RELOCATED DUE TO SHOALING	11541	364D5	32/16
29780	Courthouse Bay Buoy 4	DISCONTINUED	11542	363D5	32/16
30355	Cape Fear River Entrance Channel Lighted Buoy 9	RELOCATED FOR DREDGING	11534	022D5	03/15

30360	Cape Fear River Entrance Channel Lighted Buoy 10	RELOCATED FOR DREDGING	11534	022D5	03/15
30370	Cape Fear River Entrance Channel Lighted Buoy 11	RELOCATED FOR DREDGING	11534	022D5	03/15
30373	Cape Fear River Entrance Channel Lighted Buoy 13	RELOCATED FOR DREDGING	11534	022D5	03/15
39225	Bogue Sound - New River Daybeacon 63	TRUB	11541	386NC	30/16
	Harbor Of Refuge North End Lighted Buoy 1	ESTABLISHED	12216	372D5	34/16
	Hatteras Inlet Channel Daybeacon 24A	ESTABLISHED	11555	409D5	34/16
	Rollinson Channel Daybeacon 31	ESTABLISHED	11555	410D5	34/16
	Rollinson Channel Daybeacon 33A	ESTABLISHED	11555	410D5	34/16

TEMPORARY CHANGES CORRECTED

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

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

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

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

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

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

11534	39th Ed.	01-NOV-15	Last LNM: 33/16	NAD 83		34/16
<i>Chart Title: Intracoastal Waterway Myrtle Grove Sound and Cape Fear River to Casino Creek</i>						
Extension 203 MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK. Page/Side: A						
DELETE	Marker: Marker (lighted)	(Chart No. 1: P3) (NOS NW-25824)			NOS 33-52-15.000N	078-01-22.000W
ADD	Sounding in Feet; 1/2	(NOS NW-25824)			NOS 33-52-18.070N	078-01-21.943W

Main Panel 202 MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK. Page/Side: A

DELETE Marker; Marker (lighted) (Chart No. 1: P3) (NOS NW-25824) NOS 33-52-15.000N 078-01-22.000W
ADD Sounding in Feet; 1/2 (NOS NW-25824) NOS 33-52-18.070N 078-01-21.943W

11536 20th Ed. 01-JAN-15 Last LNM: 21/16 NAD 83 34/16

ChartTitle: Approaches to Cape Fear River

Main Panel 211 APPROACHES TO CAPE FEAR RIVER. Page/Side: A

DELETE Marker; Marker (lighted) (Chart No. 1: P3) (NOS NW-25824) NOS 33-52-15.000N 078-01-22.000W
ADD Sounding in Feet; 1/2 (NOS NW-25824) NOS 33-52-18.070N 078-01-21.943W

11537 40th Ed. 01-FEB-15 Last LNM: 33/16 NAD 83 34/16

ChartTitle: Cape Fear River Cape Fear to Wilmington

Main Panel 200 CAPE FEAR RIVER - CAPE FEAR TO WILMINGTON. Page/Side: A

DELETE Marker; Marker (lighted) (Chart No. 1: P3) (NOS NW-25824) NOS 33-52-15.000N 078-01-22.000W
ADD Sounding in Feet; 1/2 (NOS NW-25824) NOS 33-52-18.070N 078-01-21.943W

11541 41st Ed. 01-NOV-15 Last LNM: 33/16 NAD 83 34/16

ChartTitle: Intracoastal Waterway Neuse River to Myrtle Grove Sound

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

(Temp) RELOCATE Beaufort Inlet Channel Lighted Buoy 13 CGD05 from 34-40-36.335N 076-40-10.995W
to 34-40-32.340N 076-40-11.160W
CHANGE Bogue Sound Light 17 CGD05 at 34-43-28.320N 076-51-45.758W
to FIG 2.5s, 15FT, 4M at

11542 19th Ed. 01-AUG-14 Last LNM: 33/16 NAD 83 34/16

ChartTitle: New River;Jacksonville

CHART NC- NEW RIVER. Page/Side: N/A

RELOCATE Courthouse Bay Buoy 7 CGD05 from 34-35-09.480N 077-22-26.268W
to 34-35-09.128N 077-22-26.880W
RELOCATE New River Channel Light 28A CGD05 from 34-34-52.530N 077-25-07.830W
to 34-34-52.406N 077-25-07.847W

11543 25th Ed. 01-APR-15 Last LNM: 22/16 NAD 83 34/16

ChartTitle: Cape Lookout to New River

Main Panel 507 CAPE LOOKOUT TO NEW RIVER. Page/Side: A

(Temp) RELOCATE Beaufort Inlet Channel Lighted Buoy 13 CGD05 from 34-40-36.335N 076-40-10.995W
to 34-40-32.340N 076-40-11.160W

11544 41st Ed. 01-DEC-13 Last LNM: 33/16 NAD 83 34/16

ChartTitle: Portsmouth Island to Beaufort, Including Cape Lookout Shoals

Main Panel 508 PORTSMOUTH ISL TO BEAUFORT INCL CAPE LOOKOUT SHOALS. Page/Side: N/A

(Temp) RELOCATE Beaufort Inlet Channel Lighted Buoy 13 CGD05 from 34-40-36.335N 076-40-10.995W
to 34-40-32.340N 076-40-11.160W

11545 66th Ed. 01-JUN-15 Last LNM: 32/16 NAD 83 34/16

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

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

RELOCATE Barden Inlet Buoy 30 CGD05 from 34-39-56.971N 076-31-27.233W
to 34-39-54.879N 076-31-29.433W
(Temp) RELOCATE Beaufort Inlet Channel Lighted Buoy 13 CGD05 from 34-40-36.335N 076-40-10.995W

					to 34-40-32.340N	076-40-11.160W
11547	40th Ed.	01-JUL-15	Last LNM: 24/16	NAD 83		34/16
<i>ChartTitle: Morehead City Harbor</i>						
Main Panel 511 MOREHEAD CITY HARBOR . Page/Side: A						
(Temp)	RELOCATE	Beaufort Inlet Channel Lighted Buoy 13			CGD05 from 34-40-36.335N to 34-40-32.340N	076-40-10.995W 076-40-11.160W
11550	31st Ed.	01-JUL-15	Last LNM: 33/16	NAD 83		34/16
<i>ChartTitle: Ocracoke Inlet and Part of Core Sound</i>						
Main Panel 514 OCRACOKE INLET & PART OF CORE SOUND. Page/Side: A						
	CHANGE	Silver Lake Entrance Light 6 to Q R, 15FT, 4M at			CGD05 at 35-06-49.977N	075-59-23.149W
11552	21st Ed.	01-JUL-14	Last LNM: 17/16	NAD 83		34/16
<i>ChartTitle: Neuse River and Upper Part of Bay River</i>						
CHART NC- NEUSE RIVER AND UPPER PART OF BAY RIVER. Page/Side: N/A						
	DELETE	Neuse River Channel Lighted Wreck Buoy WR7A at			CGD05 34-56-31.512N	076-47-12.115W
11555	42nd Ed.	01-APR-15	Last LNM: 32/16	NAD 83		34/16
<i>ChartTitle: Cape Hatteras-Wimble Shoals to Ocracoke Inlet</i>						
Main Panel 525 CAPE HATTERAS WIMBLE SHOALS TO OCRACOKE INLET. Page/Side: A						
	CHANGE	Hatteras Harbor Light 4 to FIR 4s, 24FT, 4M at			CGD05 at 35-13-14.430N	075-41-41.010W
	CHANGE	Silver Lake Entrance Light 6 to Q R, 15FT, 4M at			CGD05 at 35-06-49.977N	075-59-23.149W
12204	38th Ed.	01-DEC-12	Last LNM: 32/16	NAD 83		34/16
<i>ChartTitle: Currituck Beach Light to Wimble Shoals</i>						
Main Panel 527 CURRITUCK BEACH LT TO WIMBLE SHOALS. Page/Side: N/A						
	RELOCATE	Old House Channel Buoy 3			CGD05 from 35-45-24.803N to 35-45-27.810N	075-35-38.549W 075-35-38.126W
	CHANGE	Croatan Sound Light 10 to FIR 4s, 15FT, 4M at			CGD05 at 35-50-21.330N	075-42-31.377W
	CHANGE	Croatan Sound Light 8 to FIR 4s, 15FT, 5M at			CGD05 at 35-53-09.330N	075-43-04.998W
12205	34th Ed.	01-APR-14	Last LNM: 32/16	NAD 83		34/16
<i>ChartTitle: Cape Henry to Pamlico Sound, Including Albemarle Sd.; Rudee Heights</i>						
CHART VA-NC- CAPE HENRY TO PAMLICO SOUND (including ALBEMARLE SOUND). Page/Side: N/A						
	RELOCATE	Old House Channel Buoy 3			CGD05 from 35-45-24.803N to 35-45-27.810N	075-35-38.549W 075-35-38.126W
	CHANGE	Croatan Sound Light 10 to FIR 4s, 15FT, 4M at			CGD05 at 35-50-21.330N	075-42-31.377W
	CHANGE	Croatan Sound Light 8 to FIR 4s, 15FT, 5M at			CGD05 at 35-53-09.330N	075-43-04.998W
12206	35th Ed.	01-DEC-15	Last LNM: 30/16	NAD 83		34/16
<i>ChartTitle: Intracoastal Waterway Norfolk to Albemarle Sound via North Landing River or Great Dismal Swamp Canal</i>						
CHART VA-NC- NORFOLK TO ALBEMARLE SOUND. Page/Side: N/A						
	CHANGE	Elizabeth River Southern Branch Light 2 to FIR 2.5s, 15FT, 4M at			CGD05 at 36-47-38.515N	076-17-50.026W

CHANGE	Elizabeth River Southern Branch Light 32 to FIR 4s, 15FT, 4M at	CGD05 at 36-44-26.268N	076-17-56.256W
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12211 46th Ed. 01-MAR-16 Last LNM: 33/16 NAD 83 34/16

ChartTitle: Fenwick Island to Chincoteague Inlet;Ocean City Inlet

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

DELETE	Chincoteague Bay Channel Daybeacon 14 at	CGD05 37-59-15.960N	075-22-49.908W
DELETE	Chincoteague Bay Channel Daybeacon 4 at	CGD05 37-56-49.728N	075-21-53.598W
DELETE	Chincoteague Bay Channel Daybeacon 6 at	CGD05 37-57-02.394N	075-21-48.168W
DELETE	Chincoteague Bay Channel Light 12 at	CGD05 37-58-27.491N	075-23-04.638W
DELETE	Chincoteague Bay Channel Light 8 at	CGD05 37-57-15.654N	075-21-42.018W
DELETE	Chincoteague Bay Daybeacon 19 at	CGD05 38-01-36.204N	075-19-14.778W
DELETE	Chincoteague Bay Daybeacon 20 at	CGD05 38-02-13.068N	075-17-59.712W
DELETE	Greenbackville Light 1 at	CGD05 38-00-01.032N	075-23-02.460W
ADD	Chincoteague Bay Buoy 14 Red Nun	CGD05 at 37-59-15.969N	075-22-49.965W
ADD	Chincoteague Bay Channel Buoy 6 Red Nun	CGD05 at 37-57-02.404N	075-21-48.175W
ADD	Chincoteague Bay Channel Lighted Wreck Buoy WR4 Red Q R	CGD05 at 37-56-49.561N	075-21-53.995W
ADD	Chincoteague Bay Channel Lighted Wreck Buoy WR8 Red Q R	CGD05 at 37-57-15.438N	075-21-42.274W
ADD	Chincoteague Bay Lighted Wreck Buoy WR12 Red Q R	CGD05 at 37-58-27.351N	075-23-05.037W
ADD	Chincoteague Bay Lighted Wreck Buoy WR19 Green Q G	CGD05 at 38-01-36.107N	075-19-14.379W
ADD	Chincoteague Bay Lighted Wreck Buoy WR20 Red Q R	CGD05 at 38-02-13.451N	075-17-59.759W
ADD	Greenbackville Lighted Wreck Buoy WR1 Green Q G	CGD05 at 38-00-01.348N	075-23-02.121W

12214 49th Ed. 01-NOV-10 Last LNM: 25/16 NAD 83 34/16

ChartTitle: Cape May to Fenwick Island

Main Panel 554 CAPE MAY TO FENWICK ISLAND. Page/Side: N/A

(Temp) ADD	Harbor Of Refuge North End Lighted Buoy 1 Green FI G 4s	CGD05 at 38-50-01.231N	075-06-23.459W
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12216 29th Ed. 01-JUN-12 Last LNM: 25/16 NAD 83 34/16

ChartTitle: Cape Henlopen to Indian River Inlet;Breakwater Harbor

CHART DE-CAPE HENLOPEN TO INDIAN RIVER INLET. Page/Side: N/A

(Temp) ADD	Harbor Of Refuge North End Lighted Buoy 1 Green FI G 4s	CGD05 at 38-50-01.231N	075-06-23.459W
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ChartTitle: Chesapeake Bay Wolf Trap to Smith Point

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

DELETE	Hungar Creek Daybeacon 2 at	CGD05 37-24-20.850N	075-58-30.774W
DELETE	Hungar Creek Daybeacon 5 at	CGD05 37-24-37.428N	075-58-02.172W
DELETE	Nandua Creek Channel Daybeacon 17 at	CGD05 37-36-53.259N	075-53-27.808W
CHANGE	Nandua Creek Channel Daybeacon 19 to Nandua Creek Channel Buoy 19, Green Can at	CGD05 37-36-45.317N	075-53-12.579W
CHANGE	Nandua Creek Channel Daybeacon 21 to Nandua Creek Channel Buoy 21, Green Can at	CGD05 37-37-02.978N	075-52-52.497W
CHANGE	Nandua Creek Channel Daybeacon 8 to Nandua Creek Channel Buoy 8, Red Nun at	CGD05 37-37-38.527N	075-54-30.321W
CHANGE	Nandua Creek Channel Daybeacon 9 to Nandua Creek Channel Buoy 9, Green Can at	CGD05 37-37-46.063N	075-54-12.257W
ADD	Hungar Creek Lighted Wreck Buoy WR2 Red Q R	CGD05 at 37-24-20.785N	075-58-31.961W
ADD	Nandua Creek Channel Lighted Wreck Buoy WR17 Green Q G	CGD05 at 37-36-53.232N	075-53-28.265W

ChartTitle: Chesapeake Bay Wolf Trap to Pungoteague Creek

CHART VA- CHESAPEAKE BAY: WOLF TRAP TO PUNGOTEAGUE CREEK. Page/Side: N/A

DELETE	Hungar Creek Daybeacon 2 at	CGD05 37-24-20.850N	075-58-30.774W
DELETE	Hungar Creek Daybeacon 5 at	CGD05 37-24-37.428N	075-58-02.172W
DELETE	Nandua Creek Channel Daybeacon 17 at	CGD05 37-36-53.259N	075-53-27.808W
CHANGE	Nandua Creek Channel Daybeacon 8 to Nandua Creek Channel Buoy 8, Red Nun at	CGD05 37-37-38.527N	075-54-30.321W
ADD	Hungar Creek Lighted Wreck Buoy WR2 Red Q R	CGD05 at 37-24-20.785N	075-58-31.961W
ADD	Nandua Creek Channel Lighted Wreck Buoy WR17 Green Q G	CGD05 at 37-36-53.232N	075-53-28.265W

Extension 565 CONTINUATION OF PUNGOTEAGUE CREEK. Page/Side: A

CHANGE	Nandua Creek Channel Daybeacon 19 to Nandua Creek Channel Buoy 19, Green Can at	CGD05 37-36-45.317N	075-53-12.579W
CHANGE	Nandua Creek Channel Daybeacon 21 to Nandua Creek Channel Buoy 21, Green Can at	CGD05 37-37-02.978N	075-52-52.497W
CHANGE	Nandua Creek Channel Daybeacon 9 to Nandua Creek Channel Buoy 9, Green Can at	CGD05 37-37-46.063N	075-54-12.257W

ChartTitle: Chesapeake Bay Pocomoke and Tangier Sounds

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

CHANGE	Upper Pocomoke River Daybeacon 8 to Upper Pocomoke River Buoy 8, Red Nun, at	CGD05 38-09-19.102N	075-25-59.292W
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12230	66th Ed.	01-APR-13	Last LNM: 33/16	NAD 83	34/16
<i>ChartTitle: Chesapeake Bay Smith Point to Cove Point</i>					
CHART VA-MD-CHESAPEAKE BAY: SMITH POINT TO COVE POINT. Page/Side: N/A					
CHANGE	Upper Pocomoke River Daybeacon 8 to Upper Pocomoke River Buoy 8, Red Nun, at			CGD05 38-09-19.102N	075-25-59.292W
12251	24th Ed.	01-AUG-13	Last LNM: 12/16	NAD 83	34/16
<i>ChartTitle: James River Jamestown Island to Jordan Point</i>					
Main Panel 589 JAMES RIVER JAMESTOWN ISLAND TO JORDAN POINT. Page/Side: N/A					
CHANGE	James River Channel Light 107 to FI G 6s, 15FT, 5M at			CGD05 at 37-18-44.239N	077-13-56.387W
CHANGE	James River Channel Light 79 to FI G 2.5s, 15FT, 5M at			CGD05 at 37-17-36.581N	077-05-02.419W
12252	25th Ed.	01-JAN-13	Last LNM: 38/15	NAD 83	34/16
<i>ChartTitle: James River Jordan Point to Richmond</i>					
CHART VA- JAMES RIVER: JORDON POINT TO RICHMOND. Page/Side: N/A					
CHANGE	James River Channel Light 107 to FI G 6s, 15FT, 5M at			CGD05 at 37-18-44.239N	077-13-56.387W
CHANGE	James River Channel Light 156 to Q R, 15FT, 4M at			CGD05 at 37-23-50.973N	077-22-55.759W
12253	47th Ed.	01-APR-12	Last LNM: 31/16	NAD 83	34/16
<i>ChartTitle: Norfolk Harbor and Elizabeth River</i>					
Main Panel 593 NORFOLK HARBOR AND ELIZABETH RIVER. Page/Side: N/A					
CHANGE	Elizabeth River Southern Branch Light 2 to FI R 2.5s, 15FT, 4M at			CGD05 at 36-47-38.515N	076-17-50.026W
CHANGE	Elizabeth River Southern Branch Light 32 to FI R 4s, 15FT, 4M at			CGD05 at 36-44-26.268N	076-17-56.256W
12263	56th Ed.	01-JUN-12	Last LNM: 29/16	NAD 83	34/16
<i>ChartTitle: Chesapeake Bay Cove Point to Sandy Point</i>					
Main Panel 603 CHEESAPEAKE BAY COVE POINT TO SANDY POINT. Page/Side: N/A					
RELOCATE	Eastern Bay Buoy 8			CGD05 from 38-50-32.647N to 38-50-32.738N	076-13-51.097W 076-13-50.426W
RELOCATE	Slaughter Creek Buoy 8			CGD05 from 38-29-42.000N to 38-29-42.300N	076-16-42.600W 076-16-42.728W
12264	33rd Ed.	01-APR-16	Last LNM: 29/16	NAD 83	34/16
<i>ChartTitle: Chesapeake Bay Patuxent River and Vicinity</i>					
CHART MD- CHESAPEAKE BAY: PATUXENT RIVER AND VICINITY. Page/Side: N/A					
RELOCATE	Slaughter Creek Buoy 8			CGD05 from 38-29-42.000N to 38-29-42.300N	076-16-42.600W 076-16-42.728W
12266	31st Ed.	01-OCT-13	Last LNM: 29/16	NAD 83	34/16
<i>ChartTitle: Chesapeake Bay Choptank River and Herring Bay; Cambridge</i>					
CHART MD- CHESAPEAKE BAY: CHOPTANK RIVER AND HERRING BAY. Page/Side: N/A					
RELOCATE	Slaughter Creek Buoy 8			CGD05 from 38-29-42.000N to 38-29-42.300N	076-16-42.600W 076-16-42.728W
12270	37th Ed.	01-DEC-15	Last LNM: 27/16	NAD 83	34/16
<i>ChartTitle: Chesapeake Bay Eastern Bay and South River; Selby Bay</i>					
CHART MD- CHESAPEAKE BAY: EASTERN BAY AND SOUTH RIVER. Page/Side: N/A					

	RELOCATE	Eastern Bay Buoy 8			CGD05 from 38-50-32.647N to 38-50-32.738N	076-13-51.097W 076-13-50.426W
12273	59th Ed.	01-MAY-14	Last LNM: 18/16	NAD 83		34/16
	<i>ChartTitle: Chesapeake Bay Sandy Point to Susquehanna River</i>					
	Main Panel 625 CHESAPEAKE BAY SANDY PT TO SUSQUEHANNA RIVER. Page/Side: N/A					
	RELOCATE	Cypress Creek Daybeacon 3			CGD05 from 39-04-26.061N to 39-04-25.598N	076-31-16.737W 076-31-20.697W
	RELOCATE	Northeast River Buoy 5			CGD05 from 39-31-18.418N to 39-31-18.223N	075-59-10.807W 075-59-14.411W
12274	36th Ed.	01-SEP-12	Last LNM: 18/16	NAD 83		34/16
	<i>ChartTitle: Head of Chesapeake Bay</i>					
	CHART MD- HEAD OF CHESAPEAKE BAY. Page/Side: N/A					
	RELOCATE	Northeast River Buoy 5			CGD05 from 39-31-18.418N to 39-31-18.223N	075-59-10.807W 075-59-14.411W
12278	79th Ed.	01-MAY-14	Last LNM: 18/16	NAD 83		34/16
	<i>ChartTitle: Chesapeake Bay Approaches to Baltimore Harbor</i>					
	CHART MD- CHESAPEAKE BAY APPROACHES TO BALTIMORE. Page/Side: N/A					
	RELOCATE	Cypress Creek Daybeacon 1			CGD05 from 39-04-26.181N to 39-04-26.073N	076-31-16.816W 076-31-16.696W
12281	56th Ed.	01-JUL-16	Last LNM: 27/16	NAD 83		34/16
	<i>ChartTitle: Baltimore Harbor</i>					
	Main Panel 640 BALTIMORE HARBOR. Page/Side: A					
(Temp)	RELOCATE	Ferry Bar Channel Lighted Buoy 3			CGD05 from 39-15-16.237N to 39-15-16.343N	076-35-06.426W 076-35-11.742W
12282	37th Ed.	01-MAY-15	Last LNM: 13/16	NAD 83		34/16
	<i>ChartTitle: Chesapeake Bay Severn and Magothy Rivers</i>					
	Main Panel 641 CHESAPEAKE BAY SEVERN AND MAGOTHY RIVERS. Page/Side: A					
	RELOCATE	Cypress Creek Daybeacon 1			CGD05 from 39-04-26.181N to 39-04-26.073N	076-31-16.816W 076-31-16.696W
	RELOCATE	Cypress Creek Daybeacon 3			CGD05 from 39-04-26.061N to 39-04-25.598N	076-31-16.737W 076-31-20.697W
12285	42nd Ed.	01-AUG-15	Last LNM: 30/16	NAD 83		34/16
	<i>ChartTitle: Potomac River; District of Columbia</i>					
	CHART MD-VA-DC- POTOMAC RIVER. Page/Side: N/A					
	RELOCATE	Hains Point Buoy 2			CGD05 from 38-51-14.600N to 38-51-14.605N	077-01-10.900W 077-01-10.914W
	RELOCATE	Line of Fire Buoy N			CGD05 from 38-14-53.400N to 38-14-53.466N	076-56-57.300W 076-56-57.397W
12286	32nd Ed.	01-JAN-15	Last LNM: 30/16	NAD 83		34/16
	<i>ChartTitle: Potomac River Piney Point to Lower Cedar Point</i>					
	Main Panel 661 POTOMAC RIVER PINEY POINT TO LOWER CEDAR POINT. Page/Side: A					
	RELOCATE	Line of Fire Buoy N			CGD05 from 38-14-53.400N to 38-14-53.466N	076-56-57.300W 076-56-57.397W
12289	51st Ed.	01-AUG-15	Last LNM: 25/16	NAD 83		34/16
	<i>ChartTitle: Potomac River Mattawoman Creek to Georgetown; Washington Harbor</i>					

RELOCATE	Hains Point Buoy 2	CGD05 from 38-51-14.600N to 38-51-14.605N	077-01-10.900W 077-01-10.914W
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12304 47th Ed. 01-OCT-14 Last LNM: 23/16 NAD 83 34/16
 ChartTitle: Delaware Bay

Main Panel 667 DELAWARE BAY. Page/Side: A

(Temp) ADD	Harbor Of Refuge North End Lighted Buoy 1 Green FI G 4s	CGD05 at 38-50-01.231N	075-06-23.459W
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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		
<u>Advance Notice(s)</u>		
None		

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			
<u>Proposed Change Notice(s)</u>			

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:
http://www.navcen.uscg.gov/pdf/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf
 This section also includes Public Notices for proposed changes to the bridges within the Fifth Coast Guard with a request for comments as indicated.

LNM: 41/11

******MD/VA – POTOMAC RIVER – PORT TOBACCO RIVER – PROPOSED CHANGES TO AIDS TO NAVIGATION******

The Coast Guard is soliciting comment on the following changes to the aids to navigation marking Port Tobacco River.

- Rename:
 Port Tobacco River Daybeacon 10 (LL 17795) to Port Tobacco River Daybeacon 8
 Port Tobacco River Daybeacon 14 (LL 17805) to Port Tobacco River Daybeacon 10
 Port Tobacco River Daybeacon 15 (LL 17810) to Port Tobacco River Daybeacon 11
 Discontinue:
 Port Tobacco River Daybeacon 12, TRUB (LL 17800) marked with a temporary buoy. 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/D5_LNM_2015_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.
 All comments will be carefully considered and are requested prior to September 26, 2016 to be considered in this analysis. Refer to project number 05-16-121(D)
 Send comments to CGD5Waterways@uscg.mil or Albert.L.Grimes@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

NC – BEAUFORT INLET AND CORE SOUND - HARKERS ISLAND EAST CHANNEL – PROPOSAL TO DISCONTINUE AIDS TO NAVIGATION

In August 2013, the Coast Guard proposed discontinuing a number of aids in the Harkers Island East Channel due to encroaching shoal and the lack of dredging. The Coast Guard attempted to access the area to discontinue the aids, but waterway conditions at the time prevented safe access by a Coast Guard construction tender. The Coast Guard is able to access the area now, but due to the amount of time that has passed since the original LNM proposal, the Coast Guard is re-soliciting for feedback on the discontinuation of the following aids to navigation.

- A. Harkers Island East Channel Daybeacon 1 (LLNR 29275)
- B. Harkers Island East Channel Light 2 (LLNR 29280)
- C. Harkers Island East Channel Daybeacon 4 (LLNR 29285)
- D. Harkers Island East Channel Light 6 (LLNR 29290)
- E. Harkers Island East Channel Daybeacon 8 (LLNR 29295)
- F. Harkers Island East Channel Light 10 (LLNR 29300)
- G. Harkers Island East Channel Light 12 (LLNR 29305)
- H. Harkers Island East Channel Light 14 (LLNR 29310)

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

http://www.navcen.uscg.gov/pdf/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf
All comments will be carefully considered and are requested prior to 31 August, 2016 to be considered in the analysis. Refer to project number 05-13-110(D).

Send comments to CGD5Waterways@uscg.mil or pablo.a.ortiz2@uscg.mil

U.S. Coast Guard Fifth District
Waterways Management (dpw)

Attn: Pablo Ortiz
431 Crawford Street
Portsmouth, VA 23704

Chart 11545

LNM: 31/16

NC – NEUSE RIVER – DAWSON CREEK - DISCONTINUE AIDS TO NAVIGATION

The Coast Guard is proposing to discontinue Dawson Creek Entrance Buoy 4 (LLNR 33801). Dawson Creek Entrance Buoy 4 is currently missing and a replacement cannot be placed on station due to lack of available water. With the encroaching shoal, the Coast Guard cannot mark best water to ensure the safe navigation of vessel traffic in the area. Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at:

http://www.navcen.uscg.gov/pdf/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf
All comments will be carefully considered and are requested prior to 24 August, 2016 to be considered in the analysis. Refer to project number 05-16-098(D).

Send comments to CGD5Waterways@uscg.mil or pablo.a.ortiz2@uscg.mil

U.S. Coast Guard Fifth District
Waterways Management (dpw)

Attn: Pablo Ortiz
431 Crawford Street
Portsmouth, VA 23704

Chart 11552

LNM: 30/16

SECTION VII - GENERAL

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

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

LNM: 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

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

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

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

Chart 12241

LNM: 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 – APPROACHES TO CHESAPEAKE BAY – HYDROPHONES

The U.S. Navy has deployed four hydrophones in DANGER AREA 334.390 (W-50). The Hydrophones are located in the following approximate positions: 36-49.0N 075-52.7W, 36-49.0N 075-52.6W, 36-48.9N 075-52.5W, AND 36-48.8N 075-52.5W. The Hydrophones are moored at a depth of approximately 25 feet below the water surface, and they pose a hazard to trawler nets. The Hydrophones will be deployed for an indefinite amount of time for the purposes of collecting data in support of a U.S. Navy environmental impact survey of marine mammals in the Virginia Beach Coast Areas.

Charts: 12207 12208

LNM: 07/15

NC - NEW RIVER - FIRING EXERCISES

1. The Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune (MCIE-MCB CamLej), North Carolina, has advised that the area in the Atlantic Ocean between a point approximately 4.5 miles east of Bogue Inlet to a point approximately 10 miles southwest of New River Inlet, North Carolina, within the existing danger zone (depicted as 334.440) as shown on National Ocean Service Chart 11543, will be hazardous to navigation because of field firing exercises during the periods and times stated below. Firing will be up to 15 nautical miles seaward. Vessels are urged to avoid the above area during the periods stated except for the Atlantic Intracoastal Waterway, where mariners traveling through this area can expect a delay of about one to four hours during the below times. Range Control Boats, MCIE-MCB CamLej North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). Range Control can be reached by phone at 910-451-3064 or 4449.

2. 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 because of firing exercises during the following periods:

- Atlantic Coast Sector Live Fire Operations
- 8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)
- 8:00 a.m. to 10:00 pm Daily (Stinger Missiles and ranges)
- Atlantic Coast Sector Non-Live fire operations
- 12:01 a.m. to Midnight Daily (USS Ship-Maneuvering)

3. The restricted areas in the New River, as shown on National Ocean Service Chart 11542, that WILL be closed to navigation because of Stone Bay Rifle Range firing exercises during the following periods:

- Stone Creek Sector 12:01 a.m. to Midnight – daily
- Stone Bay Sector 12:01 a.m. to Midnight – daily
- West of the 77 (deg) 26(min) longitude line.

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

- Traps Bay Sector 12:01 a.m. to Midnight – daily

NC - NEW RIVER - FIRING EXERCISES

Courthouse Bay Sector 12:01 a.m. to Midnight – daily
Stone Bay Sector 12:01 a.m. to Midnight – daily
East of the 77 (deg) 26 (min) longitude line.
Grey Point Sector 12:01 a.m. to Midnight – daily
Farnell Bay Sector Sunrise to Sunset – daily
Morgans Bay Sector Sunrise to Sunset – daily
Jacksonville Sector Sunrise to Sunset – daily

4. 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:

N1/BT-3 Live Fire Operations:

8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)
8:00 a.m. to 10:00 pm Daily (Stinger Missile and ranges)

N1/BT-3 Non-Live Fire Operations:

12:01 a.m. to Midnight Daily (USS Ship-Maneuvering)

5. 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:

Live Fire Operations:

8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)
8:00 a.m. to 10:00 pm Daily (Ranges)

Non-Live Fire Operations:

12:01 a.m. to Midnight Daily (Boat-Maneuvering)

6. Ship operations consisting of landing craft, amphibious vehicles, and helicopters may be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 a.m. to Midnight – daily. Range Control Boats, MCIE-MCB CamLej North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). Range Control can be reached by phone at 910-451-3064 or 4449.

7. 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

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 070 degrees true and 150 degrees true, respectively, from a point on shore at 36- 48- 58.3N, 075- 57- 59.0W. 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 (45th) Edition when operating south of the entrance to the Chesapeake Bay. Firing will take place only during daylight hours and red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit.

LNM: 13/16

DREDGING AND MARINE CONSTRUCTION CAUTIONS

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

LNM: 01/16

PA/NJ – DELAWARE RIVER PHILADELPHIA TO TRENTON – DELAWARE RIVER TURNPIKE BRIDGE

Atlantic Subsea Inc will be conducting repairs to the bridge fender systems and pier structure on the Rte I-276, Delaware River Turnpike Bridge in Burlington Twp, NJ & Bristol Twp, PA. Work will be conducted between 9 August and approximately mid October 2016. Normal hours of operation 7:00 am to 3:30 pm. The 200 ft crane barge Tioga with a 25' safely boat will be on scene. Site contact: Dean Brady, cell 856-207-3005 or VHF channel 13 Office contact: Ajay A Talwar, 856-241-3544 ext 14, Answering service (24/7), 856-427-5312

Chart 12314

LNM: 32/16

NJ – SEACOAST – CAPE MAY TO SANDY HOOK – GEOTECHNICAL SURVEY OPERATIONS

American Vibracore Services vessel Thunderforce will be conducting survey operations on the federal outer continental shelf, between 3 nautical miles and 8 nautical miles offshore. Operations will be limited to offshore New Jersey, between the following approximate locations, 38 53'48, 74 51'17 and 40 28'34, 73 55' 50. Surveying will be conducted August 9 to September 16, 2016 from Sunrise to Sunset. The Thunderforce will be towing survey equipment 25 ft off the stern by of the vessel and will be monitoring VHF-FM Channel 16.

Charts: 12200 12300 12318 12323

LNM: 33/16

NJ – SEACOAST – LITTLE EGG INLET TO HEREFORD INLET – TEMPORARY RESEARCH BUOY

On or about July 8, Ocean Power Technologies will establish a temporary research buoy approximately 5 nautical miles southeast of Brigantine Inlet and 7.5 nautical miles north northeast of Absecon Inlet to be discontinued on or about October 11. The yellow can buoy is 6 feet above the water, with a slow flashing yellow light.

Brigantine Inlet Research Buoy A FIY 4S 39-23-30 N, 074-15-00 W

NJ – SEACOAST – LITTLE EGG INLET TO HEREFORD INLET – TEMPORARY RESEARCH BUOY

Chart 11520

LNM: 27/16

NJ – SEACOAST – LITTLE EGG INLET TO HEREFORD INLET – OFF SHORE LITTLE EGG INLET - CINAR STORM BUOY

On or about 2 Aug through 1 Dec 2016 the University of Maryland, Center for Environmental Science will be deploying a CINAR Tempests Storm monitoring buoy in approximate position 39° 28' 7.2" N, 74° 13' 52.2" W. The buoy is yellow in color and shows a W FL 4S light at night with approximately 7 ft of the buoy showing above the water line. For information or concerns contact Bill Boicourt or Mark Neary at 410-221- 8426 or 207-266-0474, boicourt@umces.edu, mark.g.neary@maine.edu.

Chart 12318

LNM: 31/16

******NJ – NEW JERSEY INTRACOASTAL WATERWAY – SANDY HOOK TO LITTLE EGG HARBOR – SR 35 – SHARK RIVER BRIDGE INSPECTION******

An engineering firm, on behalf of New Jersey Department of Transportation, will be performing an inspection at the SR 35 Bridge over Shark River, mile 0.9, Belamar and Neptune, NJ. The inspection will be conducted between August 8, 2016 and November 30, 2016; M-F; from 8 a.m. to 6 p.m. A snooper truck will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (201) 214-7242. Mariners are requested to notify the project foreman at least thirty minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12324

LNM: 36/16

NJ – INTRACOASTAL WATERWAY– LITTLE EGG HARBOR TO CAPE MAY-ATLANTIC CITY – ABSECON BOULEVARD BRIDGE

Mariners are advised the Route 30 (Absecon Boulevard) Bridge, mile 67.2 over New Jersey Intracoastal Waterway (Beach Thorofare) in Atlantic City, NJ and US40-322 (Albany Avenue) Bridge, mile 70.0, over NJICW (Inside Thorofare) in Atlantic City, NJ, will remain in their closed-to-navigation position to accommodate increased pedestrian and vehicular traffic of the 2016 Atlantic City Air Show. These bridges will remain in their closed position from 7:30 a.m. to 10:30 a.m. and from 4 p.m. to 8 p.m. on Wednesday August 17, 2016. These bridges will open for emergencies. Mariners able to pass under the bridges in their closed position (20 feet and 10 feet, respectively, above Mean High Water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area.

Chart 12316

LNM: 32/16

******NJ– NEW JERSEY INTRACOASTAL WATERWAY– LITTLE EGG HARBOR TO CAPE MAY– ATLANTIC CITY - SR 147 BRIDGE INSPECTION******

An engineering firm, on behalf of New Jersey Department of Transportation, will be performing an inspection at the SR 147 Bridge over Grassy Sound Channel, mile 105.2, in Wildwood, NJ. The inspection will be conducted between August 8, 2016 and November 30, 2016; M-F; from 8 a.m. to 6 p.m. A snooper truck, two work vessels and a dive team will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (201) 214-7242. Mariners are requested to notify the project foreman at least thirty minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12316

LNM: 34/16

NJ – LITTLE EGG INLET TO HEREFORD INLET – GREAT EGG ISLAND INLET – BEESLEYS POINT TEMPORARY BUOYS

On or about July 25 until about December 31, 2016, Route 52 Constructors will temporarily establish two buoys, one red and one green, to mark best water for vessels transiting Great Egg Harbor Bay while the final section of the old Beesleys Point Bridge (Rt 9) is removed. These buoys will shift the channel approximately 100 feet south of the existing channel so that vessels will no longer transit under the bascule bridge leaves. Once the final section of the bridge is removed, the buoys will be disestablished. Mariners are reminded to proceed with caution when navigating near the remaining section of the old Beesleys Point Bridge.

Beesleys Point Buoy 1 39-17-32.4N, 074-37-34.1W Green Can

Beesleys Point Buoy 2 38-17-32.9N, 076-37-34.3W Red Nun

Chart 12316

LNM: 28/16

NJ – GREAT EGG HARBOR INLET – GREAT EGG HARBOR – TUCKAHOE RIVER

Mariners are advised of the continued demolition work at the Route 50/State Highway Bridge, at mile 8.0, across Tuckahoe River between Corbin City and Upper Township NJ. The next stage of demolition work will include removal of the bridge superstructure, abutment walls, fender system and the bascule piers, work will be conducted from 7:00 a.m. to 3:30 Monday through Friday beginning in September 2016 and ending in January 2017. Mariners should adjust their transits accordingly.

Chart 12318

LNM: 31/16

******MD – OFF SHORE – SURVEY ACTIVITIES******

US Wind intends to conduct survey activities within an area that includes a proposed cable corridor, extending from the Maryland Wind Energy Area, located in Federal waters on the Outer Continental Shelf, into Indian River Bay in Delaware. See Enclosure 7 of this LNM and <http://www.boem.gov/Maryland/>. The survey will include High Resolution Geophysical (HRG) surveys, vibracores, and benthic grab samples. The HRG survey will consist of a towed array of geophysical instrumentation throughout a 300-500 meter corridor centered along the proposed cable route. Vibracores and benthic grabs will also be collected along the center line of the proposed cable corridor. The survey work, beginning with the HRG survey, is scheduled to begin late-August (weather dependent) and continue for a period of up to 45 days. The HRG survey will be conducted 24-hours a day. Geophysical surveys and all vibracore and benthic grab sampling will be conducted during daylight hours only. If you have any additional questions or require additional information please contact Paul Rich of US Wind at (410) 727-4020.

Charts: 12200 12211

LNM: 34/16

MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR - PIER FACILITY REHABILITATION

Marine Technologies Inc will be conducting crane pier facility rehabilitation on Hart Miller Island 8 Aug to 22 Oct 2016, in approximate position 39.1426.62N, 76.2151.89W. Work will be conducted from two Spud Barges during daylight hours. The work platforms will be lighted with 360 degree, steady burning white lights on 4 corners during dark hours. Work platform will be secured by spud and line at the terminal when work is not being performed. No vessel will attend this work platform. Necessary communications is by phone: Dustin Hawley, Project Manager, 443-388-0224, 24/7. In the event of heavy weather the work platform will be removed from site by Tug Zezebel working on channels 16/13 VHF and secured at Smiths, Curtis Bay.

Chart 12278

LNM: 33/16

MD – CHESAPEAKE BAY– CHESTER RIVER - TEMPORARY BRIDGE DEVIATION

The S213 (MD 213) Bridge over Chester River, mile 26.8, in Chestertown, MD will remain in the closed-to-navigation position and the navigational span will be closed to facilitate painting of the bridge. The bridge will remain in the closed position from 8 p.m. September 6, 2016 through 6 a.m. on October 30, 2016. The bridge will not be able to open for emergencies. The bridge will open for vessels on signal during the closure period, if at least 24 hours notice is given. Mariners should use extreme caution when transiting the area.

Chart 12272

LNM: 33/16

MD – CHOPTANK RIVER – CAMBRIDGE TO GREENSBORO - BRIDGE INSPECTION

An engineering firm, on behalf of Maryland State Highway Administration, will be performing an underwater inspection at the US 50 (Ocean Gateway) Bridge over the Choptank River, mile 15.6, in Cambridge, MD. The inspection will be conducted between August 15 through October 15, 2016; Monday-Sunday; from 8:30 a.m. to 4:30 p.m. A 25 ft. vessel and divers will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will be outside the navigable channel. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Chart 12268

LNM: 33/16

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – OCEAN CITY INLET – JHU RESEARCH BUOYS

On or about July 19 until about Aug 31, 2016, Johns Hopkins University Applied Physics Laboratory will temporarily establish two scientific research buoys approximately 18 NM southeast of the entrance to Ocean City Inlet. The yellow buoys are 4 feet in diameter with masts 5 feet above the waterline. They are equipped with yellow lights, flashing 5 seconds. Both buoys will have orange floats nearby marking semi-submerged equipment. Mariners are requested to proceed with caution when navigating in the vicinity of these buoys.

JHU/APL Gen 3 A 38-10-10N, 074-45-19.2W FI Y 5s Yellow
JHU/APL Gen 3 B 38-10-10N, 074-45-38.2W FL Y 5s Yellow

Chart 12211

LNM: 29/16

MD – SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE INLET – OFF SHORE OCEAN CITY INLET – CINAR STORM BUOY

On or about 2 Aug through 1 Dec 2016 the University of Maryland, Center for Environmental Science will be deploying a CINAR Tempests Storm monitoring buoy in approximate position 38° 16' 4" N, 75° 00' 23". The buoy is yellow in color and shows a W FL 4S light at night with approximately 7 ft of the buoy showing above the water line. For information or concerns contact Bill Boicourt or Mark Neary at 410-221- 8426 or 207-266-0474, boicourt@umces.edu, mark.g.neary@maine.edu.

Chart 12211

LNM: 31/16

MD- CHESAPEAKE BAY - HARRIS CREEK - OYSTER REEF RESTORATION

The U.S. Army Corps of Engineers and Maryland Department of Natural Resources have placed rock and shell at 66 sites to restore oyster reef habitat in Harris Creek in Talbot County, MD. In those areas, water depths are 1 ft to 2 ft shallower than what is currently shown on navigational charts. Please be vigilant when navigating through these areas. Oyster Reef locations may be seen on Enclosure 8. A general map, finer scale maps, and coordinates of the restoration areas are available at <http://www.nab.usace.army.mil/Missions/Environmental/OysterRestoration.aspx> Contact the USACE Project Manager, Anna Compton - 410-962-4633 or anna.m.compton@usace.army.mil for further information.

Charts: 12266 12270

LNM: 17/16

MD - CHESAPEAKE BAY - PATUXENT RIVER AND VICINITY – COVE POINT

Dominion Cove Point LNG Liquefaction Project will be deploying construction material in the Cedar Point Artificial Reef located at just south of the Patuxent River bounded by the following positions.

38-19.03N, 76-23.03W
38-18.67N, 76-22.25W
38-18.82N, 76-23.22W
38-18.53N, 76-22.40W

The deployment of reef material will occur between Sep 1 and Oct 31 2016.

Chart 12264

LNM: 32/16

MD – CHESAPEAKE BAY – WICOMICO RIVER - HORIZONTAL DIRECTIONAL BOREING

Delmarva Power & Light Company (DPL) has received authorization from U.S. Army Corps of Engineers (USACE), Baltimore District, to horizontally directionally bore (HDD) a minimum of 20 feet under the river bed to install electric utility conduits. The total bore length will be approximately 1,500 linear feet under the Wicomico River with entrance and exit locations in uplands on the south-side of the Wicomico River at the City of Salisbury Pumping Station, 611 Ridge Road and uplands on the north-side of the Wicomico River, east of Hess Road, Salisbury, Wicomico County, Maryland.

The HDD bore will be at least 20 feet below the bottom of the Wicomico River. Equipment used will consist of on-shore HDD boring rig(s) and small watercraft for monitoring. DPL anticipates starting this work by September 6, 2016 and be completed by November 30, 2016. Please call Chuck Reed, DPL Environmental Planning at 302-283-6076 with any questions.

MD – CHESAPEAKE BAY – WICOMICO RIVER - HORIZONTAL DIRECTIONAL BOREING

Chart 12261

LNM: 33/16

MD/VA – CHESAPEAKE BAY – SMITH ISLAND – TEMPORARY MOORING BUOYS

From about July 23, 2016 until about October 23, 2016, Coastal Design and Construction will temporarily establish six mooring buoys on the west side of Smith Island off of Hog Neck to support work barges for a shoreline protection project. The buoys will be white with blue bands and rise 3 feet above the waterline.

- Hog Neck Mooring Buoy A 37-57-00N, 076-03-30W
- Hog Neck Mooring Buoy B 37-56-48N, 076-03-30W
- Hog Neck Mooring Buoy C 37-57-18N, 076-03-09W
- Hog Neck Mooring Buoy D 37-57-27N, 076-03-09W
- Hog Neck Mooring Buoy E 37-57-34N, 076-03-09W
- Hog Neck Mooring Buoy F 37-57-40N, 076-03-09W

Chart 12231

LNM: 29/16

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

The Cottrell Dredge Marion will be conducting dredging operations on the James River between James River Channel Lighted Buoy 57 (LLNR 12200) and James River Channel Lighted Buoy 66 (LLNR 12250) from 12 August to 30 September 2016.

Chart 12251

LNM: 32/16

******VA – CHESAPEAKE BAY – LYNNHAVEN RIVER EASTERN BRANCH – SHOALING - CHANGES TO AIDS TO NAVIGATION******

Due to shoaling in the Lynnhaven River Eastern Branch, the City of Virginia Beach will realign existing buoys and add new buoys to aid mariners in safe navigation. This re-marking of the channel will likely happen within the next few weeks and would relocate existing buoys 1EB, 2EB, and 2A and establish three new buoys.

Relocate:

- 10332 Lynnhaven River Eastern Branch Buoy 1EB, 36-53-51.1N, 076-05-08.3W, Green Can
- 10332.01 Lynnhaven River Eastern Branch Buoy 2EB, 36-53-50.5N, 076-05-09.3W, Red Nun
- 10332.03 Lynnhaven River Eastern Branch Buoy 2A, 36-53-42.2N, 076-05-04.5W, Red Nun

Establish:

- Lynnhaven River Eastern Branch Buoy 1A, 36-53-42.5N, 076-05-03.4W, Green Can
- Lynnhaven River Eastern Branch Buoy 1B, 36-53-36.5N, 076-05-01.3W, Green Can
- Lynnhaven River Eastern Branch Buoy 2B, 36-53-35.9N, 076-05-02.4W, Red Nun

In the meantime, mariners are reminded to proceed with caution when navigating the Lynnhaven River Eastern Branch, particularly between Lynnhaven River Junction Daybeacon EW (LLNR 10187) and Lynnhaven River Eastern Branch Buoy 3 (LLNR 10332.1).

Chart 12254

LNM: 34/16

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

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 consisting of four to seven boats, beach landing craft, helicopter air drops and recovery.

- Naval Anchorage Area A and B, 16 - 26 Aug 2016. Between the hours of 7:00 am and 5:00 pm.
- Naval Anchorage Area A and B, 22 - 26 Aug 2016. Between the hours of 4:00 pm and 2:00 am.
- Naval Anchorage Area A and B, 1 Sep 2016. Between the hours of 7:00 am and 1:00 pm.
- Naval Anchorage Area D, 22 - 23 Aug 2016. Between the hours of 4:00 pm and 12:00 midnight.
- Naval Anchorage Area D, 25 Aug 2016. Between the hours of 1:00 pm and 4:00 pm.
- Naval Anchorage Area A and B, 29 - 30 Aug 2016. Between the hours of 8:00 am and 3:00 pm.

Military Operations will be conducted in the following areas during the dates and times listed. Operations may consist of Unmanned Arial Vehicles, small boat operations with numerous boats, helicopter air drops and recovery.

- Naval Anchorage Area A, 1 Sep 16. Between the hours of 8:00 am and 1:00 pm.
- Naval Anchorage Area A, 1 Sep 16. Between the hours of 8:00 am and 4:00 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: 20/16

******VA – HAMPTON ROADS - WILLOUGHBY BAY - SHOALING******

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

LNM: 34/16

VA – NORFOLK HARBOR AND ELIZABETH RIVER - WESTERN BRANCH - BRIDGE INSPECTION

The Virginia Department of Transportation will be performing an inspection at the SR 164 (West Norfolk) Bridge over Elizabeth River (Western Branch), mile 0.5, in Portsmouth, VA. The inspection will be conducted August 17, 2016 through August 18, 2016; from 7 a.m. to 7 p.m. A 16 ft. vessel will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channels 13 and 16. The project foreman can be reached at (443) 465-3886. Mariners are requested to notify the project foreman at least fifteen minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12253

LNM: 32/16

******VA – NORFOLK HARBOR AND ELIABETH RIVER–SOUTHERN BRANCH - SOUTH NORFOLK JORDAN BRIDGE******

An engineering firm, on behalf of FIGG Bridge Managers LLC, will be performing maintenance at SR 337 (South Norfolk Jordan Bridge) bridge over Elizabeth River (Southern Branch), mile 2.8, in Chesapeake, VA and Portsmouth, VA. The maintenance will be conducted on August 29, 2016 through September 23, 2016; M-F; from 7 a.m. to 5:30 p.m. Repairs to the fendering system of the bridge will occur. A side loadable warping tug (90 ft. x 21ft. x 5 ft.) and a 21 ft. work boat will be in and around the vicinity of the bridge. During the maintenance period, the horizontal clearance will be reduced to 240 ft. Vessels who can safely transit through the reduced horizontal clearance, may do so at any time. 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 (252) 655-1243 and VHF-FM channel 13. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and should use caution when transiting the area.

Chart 12253

LNM: 34/16

NC – SEACOAST – CAPE HATTERAS TO LITTLE RIVER INLET – TEMPORARY RESEARCH BUOY

On or about August 2, EcoH2O Innovations LLC will establish a research buoy approximately one nautical mile south southwest of the entrance to Masonboro Inlet and about 300 yards off the beach to be discontinued on or about 1 September 2016. The three-foot diameter buoy is white and blue with a slow flashing yellow light and is marked "SAROS."

Masonboro Island Research Buoy A FI Y 4S 34-09-56.2 N, 077-49-21.9 W

Chart 11520

LNM: 30/16

******NC – CAPE HENRY TO PAMLICO SOUND – OLD HOUSE CHANNEL – ESTABLISHMENT OF WAVE BREAK STRUCTURES******

On or about September 1, 2016, North Carolina Department of Transportation will be establishing three wave break structures. These structures will be marked with white, slow flashing warning lights and daymarks in the following approximate positions.

Old House Channel Warning Light A, 36-45-17.3N, 075-35-13.7W, FI W 2.5S, NW on pile

Old House Channel Warning Light B, 36-45-17.8N, 075-35-10.7W, FI W 2.5S, NW on pile

Old House Channel Warning Light C, 36-45-17.1N, 075-35-07.8W, FI W 2.5S, NW on pile

Chart 12254

LNM: 34/16

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

Construction activities for the replacement bridge began 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. 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. 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/>.

Chart 12205

LNM: 18/16

******NC – MOREHEAD HARBOR – DREDGING******

Dutra Dredging will commence dredge operations on July 25, 2016 in Morehead City, NC range A and B. Operations will be 24 hours/7 days a week in various areas of Range A and B Channel located at around 34 40 47.1628N and 076 40 7.1641W and disposal site at ODMDS. Clamshell dredges DB PAULA LEE will carry out dredging operations with 4 white anchors attached to 5 ft diameter buoys with amber light at night spread from the corners. Scows will be utilized for all disposal operations to ODMDS 34 37 54.6377N and 076 43 37.2754W. All vessels will monitor Channels 12, 14, and 82. The tow tug "Colonel" will use the call sign WBD4973. A mooring buoy, white with blue stripe and white light will be placed south east of range B and north west of Fort Macon location 34 42 12.1518N and 076 41 7.0448W. The buoy will be used to stage a 282'x60' dump scow. Mariners are advised to use extreme caution while transiting.

Chart 11547

LNM: 34/16

******NC – NEUSE RIVER – TRENT RIVER CUNNINGHAM BRIDGE – TEMPORARY DEVIATION******

The U.S. 70 (Alfred A. Cunningham) Bridge over Trent River, mile 0.0, in New Bern, NC will remain in the closed-to-navigation position to facilitate the Multiple Sclerosis Society's Historic New Bern Bike Ride. The bridge will remain in the closed position from 8 a.m. to 9:30 a.m. on Saturday, September 10, 2016 and from 8 a.m. to 9:30 a.m. on Sunday, September 11, 2016. The bridge will be able to open for an emergency. Mariners able to pass under the bridge in the closed position (14 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 11552

LNM: 34/16

NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION

Mariners are advised to take caution and proceed slowly when approaching the construction site of the New Gallant's Channel Fixed Bridge, over the Gallants Channel in Beaufort, North Carolina. To facilitate the process of girder raisings by Orion Marine Construction, commencing on the following dates and times construction cranes and barges will be in the channel: April 10 through April 16, 2016 from 7:00 am to 5:00 pm each day. All vessel traffic can expect delays and should adjust voyage plans accordingly. Vessels requiring greater than 25 feet horizontal clearance are recommended to use an alternate route until this phase of girder raisings are completed. Construction equipment will be removed from the channel each evening. The Orion Marine Construction onsite work supervisor can be contacted on VHF channel 13 and telephone at (813) 334-0208. Mariners are urged to transit the area at slow no wake speeds.

NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION

Chart 11545

LNM: 12/16

******NC – CAMP LEJEUNE – AICW – MILITARY TRAINING OPERATIONS******

The Coast Guard is establishing a Temporary Safety Zone on the Atlantic Intracoastal Waterway (AICW) adjacent to Marine Corps Base Camp Lejeune, North Carolina, which encompasses the navigable waters of the AICW between Mile Hammock Bay and the Onslow Swing Bridge in support of military training operations. Due to the need to protect mariners on the navigable waters from the hazards associated with the military training operations, vessel traffic will be temporarily restricted on the AICW between Mile Hammock Bay and the Onslow Beach Swing Bridge on the following dates and times:

August 23, 2016: 12:01 p.m. until 4:00 p.m.

August 24, 2016: 9:00 a.m. until 1:00 p.m.

Persons or vessels requiring entry into, or passage through, any portion of the safety zone during the above temporary closures must first request authorization from the Captain of the Port or on scene designated representatives aboard on scene safety vessels. The Captain of the Port can be contacted via telephone at (910) 343-3882 or by radio on VHF Marine Band Radio, channels 13 and 16. On scene safety vessels can be contacted by radio on VHF Marine Band Radio, channels 13 and 16.

Chart 11541

LNM: 33/16

NC - APPROACHES TO CAPE FEAR RIVER – FRYING PAN SHOAL - NOAA HYDROGRAPHIC SURVEY OPERATIONS

NOAA Ship Ferdinand R. Hassler (S-250) will be conducting hydrographic survey operations at the approach to Wilmington, NC, in the vicinity of Frying Pan Shoals from June 20th to September 30 2016. Ferdinand R. Hassler is a 123-foot, white-hulled survey vessel; the ship has NOAA markings, can be identified on AIS, and will be monitoring VHF channels 13 and 16. Survey operations will be conducted 24-hours a day. Mariners are requested to exercise caution when transiting the operational area. There will be two modes of survey operations, which may happen simultaneously. Survey modes include; ship survey with or without towed sensors and surveys from a 28 foot launch. When towed hydrographic instrumentation is deployed, Ferdinand R. Hassler will be restricted in her ability to maneuver. Questions or concerns can be addressed to the ship's Field Operations Officer via phone at: (603) 812-8748 or email at: ops.ferdinand.hassler@noaa.gov

Chart 11536

LNM: 21/16

SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5235	Chincoteague Bay Daybeacon 19						Remove from list. 34/16
							*
5235	<i>Chincoteague Bay Lighted Wreck Buoy WR19</i>	38-01-36.107N 075-19-14.379W	Q G		4	Green.	34/16
	Marks submerged piles.						
*	*	*	*	*	*	*	*
5420	Chincoteague Bay Channel Daybeacon 4						Remove from list. 34/16
							*
5420	<i>Chincoteague Bay Channel Lighted Wreck Buoy WR4</i>	37-56-49.561N 075-21-53.995W	Q R		4	Red.	34/16
	Marks submerged piles.						
*	*	*	*	*	*	*	*
5425	Chincoteague Bay Channel Daybeacon 6						Remove from list. 34/16
							*
5425	Chincoteague Bay Channel Buoy 6	37-57-02.404N 075-21-48.175W				Red nun.	34/16
*	*	*	*	*	*	*	*
5430	CHINCOTEAGUE BAY CHANNEL LIGHT 8						Remove from list. 34/16
							*
5430	<i>Chincoteague Bay Channel Lighted Wreck Buoy WR8</i>	37-57-15.438N 075-21-42.274W	Q R		4	Red.	34/16
	Marks submerged piles.						
*	*	*	*	*	*	*	*
5445	CHINCOTEAGUE BAY CHANNEL LIGHT 12						Remove from list. 34/16
							*

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5445	<i>Chincoteague Bay Lighted Wreck Buoy WR12</i>	37-58-27.351N 075-23-05.037W	Q R		4	Red.	34/16
	Marks submerged piles.						
*	*	*	*	*	*	*	*
5450	Chincoteague Bay Channel Daybeacon 14						Remove from list. 34/16
	*						
5450	Chincoteague Bay Buoy 14	37-59-15.969N 075-22-49.965W				Red nun.	34/16
*	*	*	*	*	*	*	*
5455	<i>Greenbackville Lighted Wreck Buoy WR1</i>	38-00-01.348N 075-23-02.121W	Q G		4	Green.	34/16
	Marks submerged piles.						
*	*	*	*	*	*	*	*
5455	GREENBACKVILLE LIGHT 1						Remove from list. 34/16
	*						
5485	Chincoteague Bay Daybeacon 19						Remove from list. 34/16
	*						
5487	<i>Chincoteague Bay Lighted Wreck Buoy WR20</i>	38-02-13.451N 075-17-59.759W	Q R		4	Red.	34/16
	Marks submerged piles.						
*	*	*	*	*	*	*	*
5487	Chincoteague Bay Daybeacon 20						Remove from list. 34/16
	*						
9955 36805	ELIZABETH RIVER SOUTHERN BRANCH LIGHT 2	36-47-38.515N 076-17-50.026W	FIR 2.5s	15	4	TR-TY on pile.	34/16
	105 feet outside channel limit.						
10790	<i>Newport News Creek Lighted Buoy 1</i>	36-57-27.785N 076-24-34.794W	FIG 4s		4	Green.	34/16
	*						
12345	JAMES RIVER CHANNEL LIGHT 79	37-17-36.581N 077-05-02.419W	FIG 2.5s	15	5	SG on multi-pile structure.	34/16
	*						
12480	JAMES RIVER CHANNEL LIGHT 107	37-18-44.239N 077-13-56.387W	FIG 6s	15	5	SG on multi-pile structure.	34/16
	*						
12745	JAMES RIVER CHANNEL LIGHT 156	37-23-50.973N 077-22-55.759W	Q R	15	4	TR on pile.	34/16
	*						

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20255	Cypress Creek Daybeacon 1	39-04-26.073N 076-31-16.696W				SG on pile.	34/16
	Marks north edge of shoal.						
		*					
20260	Cypress Creek Daybeacon 3	39-04-25.598N 076-31-20.697W				SG on pile.	34/16
	Marks north edge of shoal.						
		*					
21605	<i>Hungar Creek Lighted Wreck Buoy WR2</i>	37-24-20.785N 075-58-31.961W	Q R		4	Red.	34/16
	Marks submerged piles.						
*	*	*	*	*	*	*	*
21605	Hungar Creek Daybeacon 2						Remove from list.
							*
21615	<i>Hungar Creek Lighted Wreck Buoy WR5</i>	37-24-37.241N 075-58-01.906W	Q G		4	Green.	34/16
	Marks submerged piles.						
*	*	*	*	*	*	*	*
21615	Hungar Creek Daybeacon 5						Remove from list.
							*
21784	Nandua Creek Channel Daybeacon 8						Remove from list.
							*
21784	Nandua Creek Channel Buoy 8	37-37-38.527N 075-54-30.321W				Red nun.	34/16
*	*	*	*	*	*	*	*
21792	Nandua Creek Channel Buoy 9	37-37-46.063N 075-54-12.257W				Green can.	34/16
*	*	*	*	*	*	*	*
21792	Nandua Creek Channel Daybeacon 9						Remove from list.
							*
21820	<i>Nandua Creek Channel Lighted Wreck Buoy WR17</i>	37-36-53.232N 075-53-28.265W	Q G		4	Green	34/16
	Marks submerged piles						
*	*	*	*	*	*	*	*
21820	Nandua Creek Channel Daybeacon 17						Remove from list.
							*
21825	Nandua Creek Channel Buoy 19	37-36-45.317N 075-53-12.579W				Green can.	34/16
*	*	*	*	*	*	*	*
21825	Nandua Creek Channel Daybeacon 19						Remove from list.
							*
21830	Nandua Creek Channel Buoy 21	37-37-02.978N 075-52-52.497W				Green can.	34/16
*	*	*	*	*	*	*	*

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
21830	Nandua Creek Channel Daybeacon 21						Remove from list.	34/16
22630	Upper Pocomoke River Buoy 8	38-09-19.102N 075-25-59.292W				Red nun.	Removed when endangered by ice.	34/16
*	*	*	*	*	*	*	*	
22630	Upper Pocomoke River Daybeacon 8						Remove from list.	34/16
24683	Slaughter Creek Buoy 8	38-29-42.300N 076-16-42.728W				Red nun.		34/16
26075	Eastern Bay Buoy 8	* 38-50-32.738N 076-13-50.426W				Red nun.		34/16
27845	Northeast River Buoy 5	* 39-31-18.223N 075-59-14.411W				Green can.		34/16
28235	Old House Channel Buoy 3	* 35-45-27.810N 075-35-38.126W				Green can.		34/16
28810	HATTERAS HARBOR LIGHT 4	* 35-13-14.430N 075-41-41.010W	FIR 4s	24	4	TR on multi-pile structure.		34/16
29010	SILVER LAKE ENTRANCE LIGHT 6	35-06-49.977N 075-59-23.149W	Q R	15	4	TR on pile.		34/16
29253	Barden Inlet Buoy 30	34-39-54.879N 076-31-29.433W			*	Red nun.		34/16
29790	Courthouse Bay Buoy 7	* 34-35-09.128N 077-22-26.880W				Green can.		34/16
29825	NEW RIVER CHANNEL LIGHT 28A	* 34-34-52.406N 077-25-07.847W	Q R	15	4	TR on pile.		34/16
31935	CROATAN SOUND LIGHT 8	* 35-53-09.330N 075-43-04.998W	FIR 4s	15	5	TR on pile.		34/16
31950	CROATAN SOUND LIGHT 10	35-50-21.330N 075-42-31.377W	FIR 4s	15	4	TR on pile.		34/16
					*			

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
33717	<i>Neuse River Channel Lighted Wreck Buoy WR7A</i>						Remove from list. *
36805 9955	ELIZABETH RIVER SOUTHERN BRANCH LIGHT 2 105 feet outside channel limit.	36-47-38.515N 076-17-50.026W	FIR 2.5s	15	4	TR-TY on pile.	34/16
37080	ELIZABETH RIVER SOUTHERN BRANCH LIGHT 32	36-44-26.268N 076-17-56.256W	FIR 4s	15	4	TR-TY on pile.	34/16
38905	BOGUE SOUND LIGHT 17	34-43-28.320N 076-51-45.758W	FIG 2.5s	15	4	SG-SY on pile.	34/16

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosures

1. Summary of Shoaling.
 2. Summary of Bridge Regulations/Construction/Permits.
 3. Summary of Dredging and Construction.
 4. Summary of Marine Events.
 5. Summary of Coast Guard Sector North Carolina shoaling/waterway projects.
 6. Summary of Coast Guard Sector Hampton Roads shoaling/waterway projects.
 7. Maryland Offshore Survey Activities.
 8. Harris Creek Oyster Reef Restoration sites.
-
-

SUMMARY OF SHOALING REPORTED IN THE FIFTH COAST GUARD DISTRICT

DELAWARE SHOALING

DE- INDIAN RIVER BAY – SHOALING (Chart 12216)

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.

NEW JERSEY SHOALING

NJ - INTRACOASTAL WATERWAY- SANDY HOOK TO LITTLE EGG HARBOR - MANASQUAN - ATLANTIC CITY (Chart 12312)

There has been a report of shoaling in the New Jersey Intracoastal Waterway within the channel boundaries in the vicinity of New Jersey Intracoastal Waterway Light 40 (LLNR 35125), to a depth of less than 4 feet 9 inches at mean low water. Ref LNM 05/16

****NJ - INTRACOASTAL WATERWAY- LITTLE EGG HARBOR – CAPE MAY - MANASQUAN - ATLANTIC CITY**** (Chart 12316)

Shoaling has been reported in the NJ Intracoastal Waterway (NJ-ICW) between NJ-ICW Day beacon 159 (LLNR 35640) and NJ-ICW Buoy 161 (LLNR 35649).

PENNSYLVANIA SHOALING

MARYLAND SHOALING

MD – CHESAPEAKE BAY- CHESTER RIVER – KENT ISLAND NARROWS NORTH APPROACH (Chart 12272)

Shoaling has been reported in Kent Island Narrows North Approach Channel. Depths less 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

****MD - CHESAPEAKE BAY - TANGIER SOUND - NORTHERN PART - RHODES POINT GUT CHANNEL**** (Chart 12228)

There has been a report of shoaling in Rhodes Point gut channel within the channel boundaries 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

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY – SHOALING (Chart 12211)

Shoaling has been found in Sinepuxent Bay Channel in the following locations: 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.

VIRGINIA SHOALING

VA – NANDUA CREEK (Chart 12226)

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

VA – VIRGINIA INSIDE PASSAGE (VIP) (Chart 12210, 12224)

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

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE – URBANNA CREEK (Chart 12235)

Shoaling has been reported to less than 2 feet at MLW in Urbanna Creek between Urbanna Creek Light 5 (LLNR 15253) and Day beacon 7 (LLNR 15260). HR BNM 549-15

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE – MILFORD HAVEN (Chart 12235)

Shoaling has been reported to less than 1 foot at MLW in vicinity of Milford Haven Channel Light 3 (LLNR 14770) extending 100 yards east of Day beacon 3A (LLNR 14775). HR BNM 573-15

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE MILFORD HAVEN EAST (Chart 12235)

Shoaling has been reported to 3 feet between Milford Haven East Light 6 (LLNR 14593) and Milford Haven East Light 9 (LLNR 14605). HR BNM 030-15

VA – CHESAPEAKE BAY – MOBJACK BAY AND YORK RIVER ENTRANCE - HORN HARBOR (Chart 12238)

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

VA – CHESAPEAKE BAY – YORKTOWN TO WEST POINT - QUEEN CREEK (Chart 12243)

Shoaling to less than 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

******VA – HAMPTON ROADS - WILLOUGHBY BAY****** (Chart 12245)

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

VA – CHESAPEAKE BAY – LYNNHAVEN INLET – LONG CREEK CHANNEL (Chart 12254)

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

NORTH CAROLINA SHOALING

NC – EMERALD ISLE – SWANSBORO COAST GUARD CHANNEL (Chart 11541)

Shoaling has been reported to 2.6' in the vicinity of Swansboro Coast Guard Channel Buoy 3A (LLNR 29608) and Swansboro Coast Guard Channel Light 5 (LLNR 29645). NC BNM 219-13

NC – ICW - NEUSE RIVER TO MYRTLE GROVE SOUND - NEW RIVER – CAPE FEAR RIVER (Chart 11541)

Shoaling to 2.6 feet has been reported in the vicinity of New River- Cape Fear River Buoy 99A (LLNR 39548). NC BNM 048-15

NC - NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE INLET (Chart 11541)

Shoaling to 4.5 feet has been reported in the vicinity of Bogue Inlet Lighted Buoy 1 (LLNR 29495), and Bogue Inlet Buoys 2 and 3 (LLNR 29500 and 29505). NC BNM 255-14

NC – NEUSE RIVER TO MYRTLE GROVE SOUND - NEW RIVER – NEW RIVER INLET (Chart 11542)

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

NC – CURRITUCK BEACH LIGHT TO WIMBLE SHOALS – OREGON INLET (Chart 12204)

Shoaling has been reported to 2 feet in Oregon Inlet Channel near the Bonner Bridge. NC BNM 642-14

NC – NEUSE RIVER TO MYRTLE GROVE – BANKS SLOUGH CHANNEL (Chart 11541)

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

NC – CAPE HATTERAS – HATTERAS INLET (Chart 11555)

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

NC – CAPE HATTERAS – SOUTH FERRY TERMINAL – SHOALING (Chart 11555)

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 – ICW - NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE SOUND - NEW RIVER (Chart 11541)

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

NC – CAPE HATTERAS – HATTERAS INLET (Chart 11555)

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

NC – ICW - NEUSE RIVER TO MYRTLE GROVE - RUSSELL SLOUGH (Chart 11541)

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

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 – NEUSE RIVER TO MYRTLE GROVE SOUND – CAROLINA BEACH INLET (Chart 11541)

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

NC – OCRACOKE INLET AND NORTHERN CORE SOUND – OCRACOKE INLET – BIG FOOT SLOUGH (Chart 11541)

Shoaling has been reported in Big Foot Slough between Big Foot Slough Day beacon 10A (LLNR 29070) and Buoy 11 (LLNR 29070.3) NC BNM 657-15

NC - MOREHEAD CITY (Chart 11547)

Shoaling has been reported to 10 feet between Buoys 16 – 17 and to 17 feet between buoys 13 and 15. NC BNM 036-16

NC - NEUSE RIVER TO MYRTLE GROVE SOUND – NEW RIVER TO CAPE FEAR RIVER (Chart 11541)

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

NC – INTRACOASTAL WATERWAY - MYRTLE GROVE SOUND TO LITTLE RIVER (Chart 11534)

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

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** - None
- **Washington DC**
Anacostia River – Frederick Douglass Memorial/South Capitol Street (swing) Bridge – District of Columbia Department of Transportation is proposing to replace the existing drawbridge with a new fixed bridge at essentially the same location. The replacement project will modify the existing vertical and horizontal clearance of the bridge. Presently, in the closed position to vessels, the charted vertical clearance of the existing swing-type bridge is 40 feet above MHW, with unlimited vertical clearance in the full open position. The existing horizontal clearance is two channels of 149 feet each. The proposed replacement will be a fixed bridge that will provide a vertical clearance of 42 feet above MHW with a proposed horizontal clearance of 150 feet.
- **Virginia (Northern)**
Potomac River – US 301/Harry W. Nice Memorial (fixed) Bridge Crossing - Study underway to consider rehabilitation or replacement of existing bridge. Draft FONSI has been released. MDTA is developing Navigation Evaluation to propose navigational clearances.

SECTOR DELAWARE BAY

- **Delaware** - None
- **New Jersey (Central & Southern)**
Raccoon Creek – US 130 (fixed) Bridge - proposed new fixed bridge structure to replace (lift) bridge. Permit 2-15-5 signed December 9, 2015.
- **Pennsylvania** - None

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.

SECTOR NORTH CAROLINA

- **North Carolina** - None

Regulations:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

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

SECTOR DELAWARE BAY

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

SECTOR HAMPTON ROADS

- **Virginia (Southern)**
James River - SR 156 (Benjamin Harrison Memorial) Bridge – Bridge will remain in the closed-to-navigation position to utilize the moveable span to facilitate bridge maintenance and repairs. The bridge will remain in the closed position from 8 p.m. to 6 a.m.; Monday-Thursday; July 25, 2016 through July 29, 2016; August 1, 2016 through August 5, 2016; September 5, 2016 through September 9, 2016; September 12, 2016 through September 16, 2016; September 19, 2016 through September 23, 2016; September 26, 2016 through September 30, 2016. Mariners able to pass under the bridge in the closed position, (50 feet above Mean High Water) may do so, and all others should adjust their transits accordingly. The bridge will open for vessels on signal during scheduled closure periods, if at least 24 hours notice is given. The bridge will be able to open for emergencies during scheduled closure periods, if at least 30 minutes notice is given. The project foreman can be reached at (813) 616-4324 and VHF-FM channel 13. Mariners should use caution when transiting the area.

SECTOR NORTH CAROLINA

- **North Carolina**
Trent River - U.S. 70 (Alfred A. Cunningham) Bridge - The bridge will remain in the closed-to-navigation position from 8 a.m. to 9:30 a.m. on Saturday, September 10, 2016 and from 8 a.m. to 9:30 a.m. on Sunday, September 11, 2016, to facilitate the Multiple Sclerosis Society's Historic New Bern Bike Ride. The bridge will be able to open for an emergency. Mariners able to pass under the bridge in the closed position (14 feet above Mean High Water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area.

Construction, et al:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **Maryland**
 - Susquehanna River – US 40 & I-95/Hayden & Tydings (fixed) Bridges – Foundation and substructure repairs are in progress through 2016.
 - Susquehanna River – I-95 Millard E Tydings Memorial (fixed) Bridge – Cleaning, painting, and repairs are in progress through August 2017. During daylight hours Monday through Saturday a barge and crew boat will be working in various locations near the structure and a debris shield will be secured to the lower truss member throughout the bridge but will not affect navigational clearances.
 - Curtis Creek – I-695 Baltimore Beltway (fixed portions) Bridge – Painting work is scheduled to continue through the fall of 2016. To facilitate the work, a platform will reduce the available vertical clearance outside the channel to 49 feet above MHW.
 - Choptank River - MD 331/Dover (fixed) Bridge – CG Bridge Permit signed by CGHQ on September 16, 2014. Maryland State Highway Administration is constructing a new fixed single-span concrete bridge, adjacent to the existing swing bridge to be completed in August 2016. The existing swing bridge will be retained for historic purposes and placed in the open position to navigation. The new bridge will have a vertical clearance of 48.5 feet above mean high water (MHW) and a horizontal clearance with two separate 80-foot channels between face of pilings.
 - Patapsco River - South Branch - I-695/Francis Scott Key Bridge - To facilitate the steel repairs, reach the lower portions of the bridge, and for safety, a small barge will be utilized when working over the waterway. Inspection personnel and equipment will be working at the bridge during this period and will be in proximity to the navigable channel but they do not anticipate any disruption to navigation traffic and will relocate from the navigation channel upon request for vessel passage. Mariners should exercise caution when transiting the area.
 - Choptank River - US 50 (Ocean Gateway) Bridge – An underwater inspection will be conducted between August 15, 2016 through October 15, 2016; Monday-Sunday; from 8:30 a.m. to 4:30 p.m. A 25 ft. vessel and divers will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will be outside the navigable channel. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.
 - Chester River - S213 (MD 213) Bridge – Bridge will remain in the closed-to-navigation position and the navigational span will be closed to facilitate painting of the bridge. The bridge will remain in the closed position from 8 p.m. September 6, 2016 through 6 a.m. on October 30, 2016. The bridge will not be able to open for emergencies. The bridge will open for vessels on signal during the closure period, if at least 24 hours notice is given. Mariners should use extreme 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.
 - Potomac River – Washington DC Long Bridge – Maintenance will be performed on the bridge between March 10, 2016 and March 28, 2017. There is no pier work or work over the navigational channel. Mariners should use extreme caution when transiting the area.

Virginia (Northern) - None

SECTOR DELAWARE BAY

- **Delaware** - None
- **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.
 - 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.
 - Tuckahoe River - Route 50/State Highway Bridge - Mariners are advised of continued demolition work. The next stage of demolition work will include removal of the bridge superstructure, abutment walls, fender system and the bascule piers from 7:00 a.m. to 3:30 Monday through Friday, from September 2016 through January 2017. Mariners should adjust their transits accordingly.
 - Delaware River - I-276 (Delaware River Turnpike) Bridge - Bridge maintenance will be conducted between August 9, 2016 and October 15, 2016; M-F; from 7 a.m. to 3:30 p.m. Repairs to the bridge fender system and

pier structure will occur. A crane barge and a 25 ft. work boat will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will be working outside the navigable channel. The work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (856) 207-3005 and VHF-FM channel 13. Mariners should use caution when transiting the area.

Shark River - SR 35 Bridge - Inspection will be conducted between August 8, 2016 and November 30, 2016; M-F; from 8 a.m. to 6 p.m. A snooper truck will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (201) 214-7242. Mariners are requested to notify the project foreman at least thirty minutes prior to navigation through the area and should use caution when transiting the area.

Grassy Sound Channel - SR 147 Bridge - Inspection will be conducted between August 8, 2016 and November 30, 2016; M-F; from 8 a.m. to 6 p.m. A snooper truck, two work vessels and a dive team will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (201) 214-7242. Mariners are requested to notify the project foreman at least thirty minutes prior to navigation through the area and should 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.

Delaware River - I-276 (Delaware River Turnpike) Bridge - Bridge maintenance will be conducted between August 9, 2016 and October 15, 2016; M-F; from 7 a.m. to 3:30 p.m. Repairs to the bridge fender system and pier structure will occur. A crane barge and a 25 ft. work boat will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will be working outside the navigable channel. The work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (856) 207-3005 and VHF-FM channel 13. Mariners should use caution when transiting the area.

SECTOR HAMPTON ROADS

- **Virginia (Southern)**

AICW – Elizabeth River Southern Branch – Dominion Blvd Replacement (fixed) Bridge Project – Contractors have installed the permanent beam and construction continues through March 2017. The fixed height is at 95 feet above MHW. The old steel (basculer) bridge spans have been completely removed.

Lynnhaven Inlet – US 60/John A. Lesner (fixed) Bridge – Work is in progress through June 2017 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.

North Landing River - S165 Bridge – Bridge has sustained damage and will not be capable of normal operation until October 1, 2016. The north span of the bridge will open-to-navigation on the hour and half hour, upon request, from 6 a.m. to 7 p.m., and on demand from 7 p.m. to 6 a.m. The north span of the bridge will open-to-navigation and the south span of the bridge will partially open-to-navigation, upon request, for scheduled openings at 9:30 a.m. for vessels transiting southeast, 10:30 a.m. for vessels transiting northwest, and noon and 2 p.m. for two-way vessel traffic through the bridge; Monday through Friday. The horizontal clearance of the bridge with the south span closed-to-navigation is 38 feet and the horizontal clearance of the bridge with south span partially open-to-navigation is 70 feet. The north span of the bridge will open-to-navigation for emergencies. The vertical clearance of the bridge in the closed position is 6 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so, after receiving confirmation from the bridge tender that it is safe to transit through the bridge. Mariners should use extreme caution when transiting the area.

Diascund Creek - Newport News Waterworks Pipeline bridge – Bridge maintenance will be conducted between July 1, 2016 and January 30, 2017; Monday-Friday; 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 (757) 621-4930 or (757) 621-4932. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and should use caution when transiting the area.

AICW – Elizabeth River Southern Branch - Gilmerton Bridge (US13/460) – Bridge has sustained damage and will not be capable of normal operation until September 19, 2016. The bridge will be maintained in the closed-to-navigation position until midnight September 18/19, 2016; except for scheduled openings at 9 a.m., noon, 3 p.m. and 7 p.m., Monday through Friday; and 9 a.m. and 3 p.m. on Saturday and Sunday. The bridge will open on signal for emergency vessels if at least one hour notice is given. The vertical clearance of the bridge in the closed position is 36 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so. Mariners should use extreme caution when transiting the area.

York River - Coleman Memorial Bridge (US 17) – Bridge will be maintenance in the closed-to-navigation position on certain Sundays from 7 a.m. to 7 p.m. as follows: Sunday, May 15, 2016 with an inclement weather date on Sunday, May 22, 2016; Sunday, June 5, 2016 with an inclement weather date on Sunday, June 12, 2016; Sunday, June 19, 2016 with an inclement weather date on Sunday, June 26, 2016; Sunday, July 10, 2016 with an inclement weather date on Sunday, July 17, 2016; Sunday, July 31, 2016 with an inclement weather date on Sunday, August 7, 2016; and August 21, 2016 with an inclement weather date on Sunday, August 28, 2016.

The bridge has a vertical clearance in the closed position of 60 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so at anytime and are advised to proceed with caution. During this modified temporary deviation, the bridge will not be able to open for emergencies and there is no immediate alternate route for vessels unable to pass through the bridge in the closed position. At all other times, the bridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.1025. Mariners should adjust their transits accordingly.

James River - SR 156 (Benjamin Harrison Memorial) Bridge - Maintenance will be conducted July 18, 2016 through February 28, 2017; Monday-Friday; from 9 a.m. to 4 p.m. and from 8 p.m. to 6 a.m. Maintenance personnel, equipment will relocate from the moveable span, upon request. The project foreman can be reached at (813) 613-4324 and VHF-FM channel 13. The bridge will have operating restrictions between July and September 2016 that will be published in a separate notice. Mariners should use caution when transiting the area.

Elizabeth River (Western Branch) - SR 164 (West Norfolk) Bridge – Bridge inspection will be conducted August 17, 2016 through August 18, 2016; from 7 a.m. to 7 p.m. A 16 ft. vessel will be operating under and in the vicinity of the bridge to provide access for inspection. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channels 13 and 16. The project foreman can be reached at (443) 465-3886. Mariners are requested to notify the project foreman at least fifteen minutes prior to navigation through the area and should use caution when transiting the area.

Elizabeth River (Southern Branch) - SR 337 (South Norfolk Jordan Bridge) bridge - Maintenance will be conducted on August 29, 2016 through September 23, 2016; M-F; from 7 a.m. to 5:30 p.m. Repairs to the fender system of the bridge will occur. A side loadable warping tug (90 ft. x 21ft. x 5 ft.) and a 21 ft. work boat will be in and around the vicinity of the bridge. During the maintenance period, the horizontal clearance will be reduced to 240 ft. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Vessels who can safely transit through the reduced horizontal clearance, may do so at any time. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (252) 655-1243 and VHF-FM channel 13. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and 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.

Cape Fear River – Wilmington Bypass (fixed) Bridge – Construction of new highway bridge in Brunswick and New Hanover Counties, NC. When completed, the Cape Fear River Bridge will have a vertical clearance of 64 feet at mean high water and a horizontal clearance of 160 feet. Work barges and structures will be located along the sides of the waterway through December 2016. The channel shall remain open to navigation.

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/>.

Croatian Sound - US 64/US 264 (William B. Umstead Memorial) Bridge - Maintenance will be conducted between May 24, 2016 and September 1, 2016; from 7 a.m. to 5 p.m. Replacement of the bridge fender system will occur. Two barges with several small floats will be in or the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. The project foreman and work vessels may be reached on VHF-FM channel 13 or (919) 340-3666. Mariners should notify the project foreman no less than one hour prior to navigation through the bridge and use 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 11th 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.
Atlantic Intracoastal Waterway – SR 50 Sears Landing Surf City (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.
Straits Waterway - Harkers Island Bridge – Proposed new fixed bridge structure to replace existing swing span bridge (Bridge No. 73).

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/NJ – DELAWARE RIVER – NAVAL RESERVE BASIN AND FT. MIFFLIN – DREDGING (Charts 12312, 12313)

The Great Lakes Dredge and Dock Company Dredge 54 will be conducting dredging operations in the Naval Reserve Basin; scows will be transporting the material to Ft. Mifflin for hydraulic offloading. Operations will be conducted between August and **October 2016**. Questions or additional information please contact Timothy Kremer, 630-750-5640. Ref LNM 30/16

DE/NJ – DELAWARE RIVER - TINICUM ISLAND, EDDYSTONE, CHESTER AND MARCUS HOOK RANGES - DREDGING AND ROCK REMOVAL - MAIN CHANNEL DEEPENING (Chart 12312)

Great Lakes Dock and Dredge Company will be dredging and blasting between the Tinicum Range and Marcus Range until **15 March 2017**. For questions or comments contact Timothy J. Kremer, 630-750-5640, TJKremer@gldd.com. Ref LNM 27/16

DE – DELAWARE RIVER - CHRISTINA RIVER - WILMINGTON HARBOR – DREDGING (Chart 12311)

The dredge ESSEX will be conducting dredging operations in the Wilmington Harbor in the Christina River from July 16 until **September 30, 2016**. Traffic should call the dredge ESSEX 30 minutes prior to expected time of passage to make passing arrangements. Hours of work are 24 hours a day, 7 days a week. Mariners can contact the dredge ESSEX on VHF-FM channel 13 or 16 for information.

PA – DELAWARE RIVER – MARCUS HOOK, PA – DOCK CONSTRUCTION (Chart 12312)

Commerce Construction Corporation crane barge SAMSON will be performing dock construction work on the Sunoco logistics dock #1A in the Delaware River at the Marcus Hook industrial complex, Marcus Hook, PA. Work is expected to be completed on or about **30 June, 2017**. Ref LNM 05/16

PA – DELAWARE RIVER – CRITICAL LIFT OPERATIONS (Chart 12312)

Mariners are advised that the crane barge SAMSON will be conducting critical lift operations in the Delaware River, in Marcus Hook, PA from February until **30 June, 2017**. Ref LNM 08/16

PA/NJ – DELAWARE RIVER – DREDGING OPERATIONS (Chart 12313)

Charter Contracting will be performing mechanical dredging operations in the Delaware River, at GP Gypsum Corporation, in Camden, NJ from July 1, 2016 to **February 28, 2017**. A 48ft by 125ft deck barge with excavator and clamshell bucket, 2 hopper scows, 1 push boat, and 1 work boat will be in the vicinity. Ref LNM 26/16

NJ- LITTLE EGG INLET TO HEREFORD INLET - GREAT EGG HARBOR INLET (Chart 12316, 12318)

Great Lakes Dredging Company is currently demobilizing dredging equipment and dredge pipeline from Great Egg Harbor Inlet borrow area, off the coast of Peck Beach in Ocean City. During demobilization a portion of the pipeline was found shoaled in and covered with bottom sediment. The pipeline location begins 2658ft from the Peck Beach ocean front beginning at point 39d 16' 57"N, -074d 32' 41"W, then east to 39d 16' 56"N, -74d 32' 26W, then east to 39d 16' 54"N, -074d 32' 16"W, then ending north east at point 39d 17' 1"N, -074d 32' 8"W. The pipeline covered in shoal sediment has approximately 5-6ft depth at MLLW.

NJ – BARNEGAT INLET TO LITTLE EGG INLET – BEACH FILL OPERATIONS (Charts 12323, 12324)

Great Lakes Dredge and Dock Company Dredges Dodge Island, Padre Island and Liberty Island will be conducting beach fill operations in the area of Barnegat Inlet to Little Egg Inlet, NJ from April to **September 2016**. Material will be dredged from a borrow area approximately 3 NM offshore of Harvey Cedars and pumped directly to shore using multiple pipelines. Ref LNM 16/16

NJ – GREAT EGG HARBOR BAY – DRAG CHANNEL - BRIDGE CONSTRUCTION & DEMOLITION UPDATE (Chart 12316)

Mariners are advised that 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 carrying the Garden State Parkway, and rehabilitation of the northbound bridges carrying the Garden State Parkway. Ref LNM 03/16

MD – SUSQUEHANNA RIVER – CONOWINGO RESERVOIR – CONSTRUCTION (Chart 12274)

Old Dominion Electric Corporation will commence construction of the Wildcat Point Generation Facility water intake/discharge infrastructure within the Conowingo Reservoir starting on 18 January, 2016, with construction expected to last approximately **30 September, 2016**. Ref LNM 02/16

MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR - PIER FACILITY REHABILITATION (Chart 12278)

Marine Technologies Inc will be conducting crane pier facility rehabilitation on Hart Miller Island from 8 Aug to **22 Oct 2016**, in approximate position 39.1426.62N, 76.2151.89W. Work will be conducted from two Spud Barges during daylight hours. Dustin Hawley, Project Manager, 443-388-0224, 24/7.

MD – BALTIMORE HARBOR – DREDGING (Chart 12281)

On behalf of the Maryland Port Administration a contractor will be conducting dredging operations at the Fairfield Marine Terminal between Piers 3 and 4 between Jul and **Sept 2016**. Please contact Maura Morris, Project Manager at 410-729-8369 for questions or additional information.

MD – CHOPTANK RIVER ROUTE 331 DOVER ROAD – BRIDGE REPLACEMENT (Chart 12268)

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

MD – CHESAPEAKE BAY – WICOMICO RIVER - HORIZONTAL DIRECTIONAL BORING (Chart 12261)

Delmarva Power & Light Company will be horizontally directionally boring a minimum of 20 feet under the Wicomico River to install electric utility conduits. Entrance and exit location on the south-side of the Wicomico River is at the City of Salisbury Pumping Station and on the north-side of the Wicomico River, east of Hess Road, Salisbury, MD. September 6 to **November 30, 2016**. Please call Chuck Reed, DPL Environmental Planning at 302-283-6076 with any questions.

DC – UPPER POTOMAC RIVER/WASHINGTON CHANNEL (Chart 12289)

Dockside demolition/bulkhead repair until **December, 2020**. Ref: LNM 12/14

VA – CHESAPEAKE BAY – YORK RIVER – TEMPORARY MOORING BUOYS (Chart 12241)

Corman Marine established twelve temporary mooring buoys on the York River to support the construction of a new outfall and diffuser for the Hampton Roads Sanitation District Yorktown Water Treatment Plant. Ten of the buoys will be north of the York River Channel, south of Allens Island. The two buoys south of the channel located west of the northern entrance to Goodwin Thorofare Channel. All buoys are white with a blue stripe, and outfitted with a slow flashing white light. Ref LNM 26/16

VA – JAMES RIVER – JAMESTOWN ISLAND TO JORDAN POINT - DREDGING (Chart 12251)

The Cottrell Dredge Marion will be conducting dredging operations on the James River between James River Channel Lighted Buoy 57 (LLNR 12200) and Lighted Buoy 66 (LLNR 12250) from 12 August to **30 September 2016**.

VA – JAMES RIVER – NEWPORT NEWS TO JAMES ISLAND – SKIFFES CREEK – DREDGING (Chart 12248)

Dredge Marion of Cottrell Contracting Corporation of Chesapeake, VA will be conducting dredging operations in Skiffes Creek Federal Channel into Joint Base Langley-Eustis, Newport News. Dredging pipeline will run behind the dredge on the landward side of Restricted Area 334.280 and then on to shore. The dredge will conduct operations from May 11 through **August 28, 2016**. Ref: LNM 19/16

VA – JAMES RIVER/NEWPORT NEWS SHIPBUILDING WATERFRONT (Chart 12248)

Dredging – Dredge MOBRO 112 – **Until further notice**. Ref: LNM 14/14.

VA – JAMES RIVER – NEWPORT NEWS – DEMOLITION AND PIER REPAIRS UPDATED (Chart 12248)

Crofton Diving Corporation is currently conducting demolition and repair operations to the James River Fishing Pier until **28 August, 2016**. Ref LNM 27/15, 37/15

VA – ATLANTIC INTRACOASTAL WATERWAY (AICW) – NORFOLK HARBOR TO ALBEMARLE SOUND (Chart 12253)

Dominion Steel Bridge (Rt.17) Replacement; construction ongoing until **February, 2017**. Ref: LNM 07/13.

VA – CHESAPEAKE BAY – ELIZABETH RIVER – MIDTOWN TUNNEL CONSTRUCTION (Chart 12253)

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

VA – CHESAPEAKE BAY – LITTLE CREEK INLET – DEMOLITION AND REPAIR Work (Chart 12254)

The U.S. Navy is currently conducting demolition and repair work to the ramp adjacent to and East of the entrance jetty to Joint Expeditionary Base Little Creek, VA., until **November 2016**. Ref LNM 52/15

VA – CHESAPEAKE BAY – CAPE CHARLES TO WOLF TRAP – DREDGING OPERATIONS (Chart 12224)

The dredge Rockbridge will be conducting dredging operations in the Cherrystone Inlet Channel from the Cape Charles City Lighted Buoy 1CC (LLNR 21450) to Cape Charles City Light 4 (LLNR 21470) from July 18 through **October 15, 2016**, 24 hours a day, seven days a week. Ref LNM 29/16

VA – CHESAPEAKE BAY – CAPE CHARLES TO WOLF TRAP – DREDGING (Chart 12224)

The Saxton will be conducting dredging operations in the Cherrystone Inlet Channel of the Cape Charles City Channel between Cape Charles City Lighted Buoy 1CC (LLNR 21450) and Cape Charles City Light 4 (LLNR 21470). The dredge will conduct operations from 1 June through **September 15, 2016**. The dredge Rockbridge monitors VHF channels 13 and 16. Dredging operations will be conducted twenty-four (24) hours a day seven (7) days a week. Ref LNM 20/16

VA/NC – CAPE HENRY TO PAMLICO SOUND – INCLUDING ALBEMARLE SOUND - BRIDGE CONSTRUCTION (Chart 12205)

An engineering firm, on behalf of the North Carolina Department of Transportation (NCDOT), 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 **August 30, 2019**. Ref LNM 09/16

NC – BEAUFORT INLET- DREDGING (Chart 11547)

The DUTRA Group will conduct dredging operations in Beaufort Inlet between 15 June and **15 Sept 2016**. The project includes the dredging of Range A and Range B. Dan Marine Towing will be operating the tug COLONEL along with the barge PAULA LEE and 2 dump scows 24/7. For questions involving dredge operations please call (415) 717-7214. Ref LNM 23/16

NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION (Chart 11545)

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

******NC – MOREHEAD CITY HARBOR- MOREHEAD CHANNEL – DREDGING****** (Chart 11547)

Dutra Dredging will be conducting dredging operations in Morehead City Harbor and Morehead Channel, Ranges A and B from 25 Jul to 31 Oct 2016. Dredge DB PAULA LEE and vessels Trojan and Colonel will also be on scene, all vessels will monitor Channels 12, 14, and 82. For further information contact Brad Shoffit (415)-519-4262 or Joe Dunlap (415) 302-8709.

NC - PERQUIMANS RIVER - HERTFORD - NC - BRIDGE CONSTRUCTION (Chart 12205)

Construction repairs to the fender system on the Route 17 Bridge crossing the Perquimans River in Hertford, NC. The repairs are to the fender system and anticipated to take place between January 4, 2016 and **August 30, 2016**. Ref LNM 49/15

NC - CAPE FEAR RIVER – PORT OF WILMINGTON – DREDGING (Chart 11537)

The Bucket dredge VIRGINIAN and auxiliary equipment will be conducting dredging operations in the vicinity of the Port of Wilmington, NC, Lower Anchorage Basin and Kinder Morgan Liquid Bulk Pier on the Cape Fear River until approximately **30 August, 2016**. Ref LNM 23/16

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

MD – HEAD OF CHESAPEAKE BAY AND BALTIMORE HARBOR – POKER RUN

The annual "Rock the Bay" power boat poker run is scheduled to occur on the upper Chesapeake Bay on **August 27, 2016**, between 12:05 p.m. and 5 p.m. Up to 60 participating vessels (24 to 52 feet in length) will depart North East, MD, transit southward in the Northeast River and upper Chesapeake Bay to stops in the Sassafras River, Patapsco River-Middle Branch and Tolchester Beach, before returning to North East, MD. 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 – HEAD OF CHESAPEAKE BAY – NORTHEAST RIVER – SWIM EVENT

The swim portion of the annual "North East Triathlon" is scheduled to occur in the Northeast River on **August 28, 2016**, from 7:30 a.m. to 8:30 a.m. Approximately 800 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. Official patrol personnel on scene can be contacted on marine band radio VHF-FM channel 16. In addition, on August 27, 2016, 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. 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

MD – HEAD OF CHESAPEAKE BAY AND BALTIMORE HARBOR – POKER RUN

The annual "Rock the Bay" power boat poker run is scheduled to occur on the upper Chesapeake Bay on **August 27, 2016**, between 12:05 p.m. and 5 p.m. Up to 60 participating vessels (24 to 52 feet in length) will depart North East, MD, transit southward in the Northeast River and upper Chesapeake Bay to stops in the Sassafras River, Patapsco River-Middle Branch and Tolchester Beach, before returning to North East, MD. 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 – APPROACHES TO BALTIMORE HARBOR – PATAPSCO RIVER - BALTIMORE'S INNER HARBOR - REGULATED AREA

The biennial Catholic Charities Dragon Boat Races are scheduled to occur in Baltimore's Inner Harbor on **September 10, 2016**, from 8 a.m. to 4 p.m. The 400-meter sprint races consist of up to four boats per heat, with the course located between the Maryland Science Center and the World Trade Center at Baltimore, MD. Course set up and break down will occur from 6 a.m. to 8 a.m. and from 4 p.m. to 6 p.m., respectively. As described in Title 33 Code of Federal Regulations Section 100.501, a regulated area is established for all waters of the Patapsco River, Baltimore Inner Harbor, from shoreline to shoreline, bounded on the east by a line drawn along longitude 076°36'30" W. This area will be enforced from 8 a.m. to 4 p.m. on September 10, 2016. 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. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, at (410) 576-2674 or (410) 576-2693. Chart 12281

MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – CRAIGHILL CHANNEL – FIREWORKS DISPLAY

A short-duration aerial fireworks display is scheduled to occur in the Chesapeake Bay near Gibson Island on **September 3, 2016** at 9 p.m. The fireworks will be launched from a fireworks barge located west of Craighill Channel Lighted Buoy 11 (LLNR 8070), in approximate position latitude 39°04'35.3" N, longitude 076°25'13.1" W. Mariners are urged to use caution when transiting the area, and heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 350 feet from the fireworks barge. 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 12278

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

The **2016 Baltimore Air Show** is scheduled to occur over the Patapsco River at Baltimore, MD during **October 13-16, 2016**, between 11 a.m. and 5 p.m. The event includes air show arrivals and practices during October 13-14, 2016, between 11 a.m. and 5 p.m. As described in 33 CFR 100.501, a regulated area is established for all waters of the Patapsco River, within an area bounded by a line connecting position latitude 39°16'00" N., longitude 076°36'30" W.; thence east to latitude 39°16'00" N., longitude 076°33'00" W.; thence south to latitude 39°14'30" N., longitude 076°33'00" W.; thence west to latitude 39°14'30" N., longitude 076°36'30" W.; thence north to point of origin, located between Port Covington and Seagirt Marine Terminal, Baltimore, MD. The effect will be to restrict vessel traffic on the Patapsco River and its tributaries. The regulated area will be enforced each day, from 10 a.m. to 6 p.m., during October 13-16, 2016. At no time will spectators be permitted to obstruct the federal navigation channel outside the regulated area. **A designated spectator area** is located northward of, and immediately adjacent to, the marked aerobatics show box. This spectator area includes all waters of Patapsco River located between the north boundary defined by a line drawn from the vicinity of North Locust Point Marine Terminal, Pier 1 thence east to Canton Industrial

area, Pier 5; the south boundary is defined by a line drawn from vicinity of Whetstone Point thence east to Lazaretto Point. This area is located generally where Northwest Harbor, East Channel joins Patapsco River, Fort McHenry Channel, near Fort McHenry National Monument, Baltimore, MD. This area is bound by a line to the north commencing at position latitude 39°16'01" N., longitude 076°34'46" W.; thence east to latitude 39°16'01" N., longitude 076°34'09" W.; and bound by a line to the south commencing at position latitude 39°15'39" N., longitude 076°35'23" W.; thence east to latitude 39°15'26" N., longitude 076°34'03" W. This spectator area is restricted to certain vessels as described in § 100.501 paragraph (g) (2). Only commercial small passenger vessels holding a valid Certificate of Inspection regulated under 46 CFR subchapters K and T (46 CFR §§114.110, and 175.110) will be authorized within this designated on-water spectator area. Vessels that meet the requirements of this section may request access to the Patapsco River spectator area by contacting the Sail Baltimore at (410) 522-7300 or email info@sailbaltimore.org to obtain a vessel spectator area application. Vessel spectator area applications shall be submitted no later than 10 calendar days prior to the event date. Applicants will be notified by the Captain of the Port or representative regarding status of applications and further instructions. All vessels shall contact the Patrol Commander on VHF-FM channels 16 or 22A prior to transiting to the spectator area to confirm entry approval. Vessels approved for spectator area access shall follow the instructions issued by the Patrol Commander when entering the regulated area, including remaining at least 100 yards from commercial waterfront facilities and piers. The regulations for this event will restrict access to some of the anchorage grounds listed at 33 CFR §110.158, Baltimore Harbor, MD, specifically (1) Anchorage No. 1, (2) Anchorage No. 2, (3) Anchorage No. 3 Upper, and (4) Anchorage No. 3 Lower. An **aerobatics show box** is located within the regulated area. This area generally encompasses the eastern part of the Patapsco River-Middle Branch, south of Fort McHenry National Monument, and is bound by a line connecting the following points: commencing at position latitude 39°15'43.7" N., longitude 076°35'55.6" W.; thence east to latitude 39°15'18.8" N., longitude 076°33'26.4" W.; thence south to position latitude 39°14'52.7" N., longitude 076°33'33.7" W.; thence west to latitude 39°15'17.6" N., longitude 076°36'02.8" W; thence to point of origin. Several unlit, floating information and regulatory marks (white and orange) will be established along the boundary of the aerobatics box located within the regulated area. In addition, three large orange inflatable floating markers will be established within the aerobatics box to assist air show performers. All coordinates reference (Datum NAD 1983). The Patrol Commander or designated marine event patrol may forbid and control the movement of all vessels and persons in the regulated area. When hailed or signaled by an official patrol vessel, a vessel or person in the regulated area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of any vessel in the regulated area shall: (i) Stop the vessel immediately when directed to do so by any Official Patrol and then proceed only as directed, (ii) All persons and vessels shall comply with the instructions of the Official Patrol, (iii) When authorized to transit the regulated area, all vessels shall proceed at the minimum speed necessary to maintain a safe course that minimizes wake while within the regulated area, The Patrol Commander or designated marine event patrol on Marine Band Radio, VHF-FM channel 16 (156.8 MHz). Updates on the status of the regulated area will be made via Broadcast Notice to Mariners over VHF-FM marine band radio. Patrol Commander means a commissioned, warrant, or petty officer of the U. S. Coast Guard who has been designated by the Commander, Coast Guard Sector Maryland-NCR. Official Patrol means any vessel assigned or approved by Commander, Coast Guard Sector Maryland-NCR with a commissioned, warrant, or petty officer on board and displaying a Coast Guard ensign. Marine Event Patrol means any vessel assigned by the Coast Guard, as described in 33 CFR §100.40, to patrol the event. Vessels or persons violating the regulation may be liable pursuant to 33 U.S.C. 1236. The maximum civil monetary penalty for violation of 33 U.S.C. 1236 is found at 33 CFR 27.3 (Penalty Adjustment Table). Questions about this notice should be addressed to the Coast Guard Sector/Captain of the Port Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2519, or email D05-DG-SectorMD-NCR-MarineEvents@uscg.mil. Chart 12281

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

The annual sailboat racing weekly series is scheduled to occur in Baltimore Harbor each Tuesday evening, from April 12 through **October 18, 2016**, from 6 p.m. to 9 p.m. Approximately 25 sail boats in three fleets (25 to 40 feet in length) will compete in a single race on a designated course located between the Francis Scott Key (I-695) Memorial Bridge and the Fort McHenry National Monument and Historic Shrine at Baltimore, MD. More information can be obtained at the Baltimore City Yacht Association's (BCYA) website: www.bcya.com. Interested mariners may contact the BCYA Race Committee on marine band radio VHF-FM channel 72. For any comments or questions contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12281

MD – CHESAPEAKE BAY – COVE POINT TO THOMAS POINT – SAIL RACES

The Naval Academy Sailing Squadron (NASS) Regattas are scheduled to occur on the middle Chesapeake Bay, between the Wm. P. Lane, Jr. Memorial (US-50/301) Bridges and Thomas Point, MD, with four individual events scheduled from 9 a.m. to 5 p.m. on the following dates during 2016: April 16 (NASS Spring Race); September 17-18 (Shields Cup Regatta); October 22-23 (McMillan Cup Regatta); and **November 5-6** (Kennedy Cup Regatta). Each regatta consists of participating sailboats from 25 to 50 feet in length. The Race Committee can be contacted via marine band radio VHF-FM channels 16 and 77. More information is available at website: <http://nass.sailregattas.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 12270

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., with 21 individual events scheduled on the following dates in 2016: July 23 (*Summer One Design*); September 3-4 (*Annapolis Labor Day*), September 9-11 (*U.S. Women's Match Race Championship*), September 10 (*Fall Harbor*), September 13-15 (*Warrior Sailing Project*), September 24-25 (*Inter-Club Team Race*); October 1-2 (*Fall Series Weekend 1*), October 8 (*Fall Series Distance Race*), October 15-16 (*Fall Series Weekend 2*), October 22-23 (*Fall Eschells - Lippincott and Halloween Howl*), **October 29-30** (*J/105 & J/35 Fall Championships*). The AYC

Race Committee can be contacted at racechair@annapolisyc.org. For any comments or questions, contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12270, 12282, 12283

MD – CHESAPEAKE BAY – SEVERN RIVER – SAILING REGATTA SERIES

The Eastport Yacht Club's (EYC) annual Friday Night Beer Can Series event is scheduled to occur in the Severn River each Friday evening from May 6 through **August 26, 2016**, from 5:30 p.m. to 8:30 p.m. Approximately 45 sail boats (25 to 45 feet in length) will compete in sail races on a designated course in the Severn River, located between the mouth of the Severn River and the entrance to Spa Creek, at Annapolis, MD. More information can be obtained at the EYC website: www.eastportyc.org. For any comments or questions, contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12282, 12283

MD - CHESAPEAKE BAY – BROAD CREEK – SAN DOMINGO CREEK – FIREWORKS DISPLAY

A short-duration, aerial fireworks display is scheduled to occur along San Domingo Creek on **September 3, 2016** (rain date September 4, 2016) at 9:15 p.m. The fireworks will be discharged from the end of a private pier located south of Hopkins Point at St. Michaels, MD, in approximate position latitude 38°45'30" N, longitude 076°13'28" W. Mariners are urged to use caution when transiting the area, and absent specific guidance, should remain 150 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 12266

MD – CHESAPEAKE BAY – EASTERN BAY AND SOUTH RIVER – WEST RIVER – DISTANCE SAILING RACE

An annual distance sail race is scheduled to occur in the Chesapeake Bay and West River on **September 2, 2016**, between 12 Noon and 5 p.m. Participating sailboats (16 to 35 ft in length) will start near the mouth of the Severn River at Annapolis, MD and proceed down the Chesapeake Bay and finish in the West River on Tenthouse Creek at Galesville, MD. Interested mariners can contact the West River Sailing Club Race Committee via marine band radio VHF-FM channel 68. 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

MD – CHESAPEAKE BAY – WEST RIVER – SAILING REGATTA

Annual sailing races are scheduled to occur in the West River during **September 3-4, 2016**, 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 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 – SEVERN RIVER TO TRED AVON RIVER – DISTANCE SAILING RACE

The "62nd Annual NASS Race to Oxford" sail race is scheduled to occur on the Chesapeake Bay and Choptank River on **September 10, 2016**, between 8 a.m. and 6 p.m. Approximately 140 participating sailboats (25-50 feet in length) will start in various classes at the mouth of the Severn River near Annapolis, MD and finish at the mouth of the Tred Avon River at Oxford, MD. Mariners may contact the Race Committee on marine band radio VHF-FM Channel 71, or the Tred Avon Yacht Club at (410) 226-5269. Race Committee personnel can be contacted on marine band radio VHF-FM channel 77. For any comments or questions contact Coast Guard Sector Baltimore, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12263, 12266

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 **September 4, 2016** (rain date on September 5, 2016), 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 **August 27, 2016**, 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 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 - SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE ISLAND - OCEAN CITY – WEEKLY PYROTECHNIC SHOWS

Weekly pyrotechnic shows are scheduled to occur along the North Atlantic Ocean each Sunday from May 28, 2016 to **September 4, 2016**, at 9:30 p.m. The weekly shows will occur on the beach at North Division and 1st Streets in Ocean City, MD, in approximate position latitude 38°33'07.3" N, longitude 075°03'38.0" W. Absent specific guidance, mariners should remain 50 yards from the show site. 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 from July 11, 2016 to **September 3, 2016**, at 10 p.m. Each Monday and Tuesday during this period, fireworks will be discharged from the beach at North Division and 1st Streets in Ocean City, MD, in approximate position latitude 38°19'44.2" N, longitude 075°05'03.1" 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 - WEEKLY FIREWORKS DISPLAYS

Weekly short-duration, aerial fireworks displays are scheduled to occur in Assawoman Bay from July 10, 2016 to **September 4, 2016**, at 9 p.m. Each Sunday during this period, fireworks will be discharged from the pier at Northside Park in Ocean City, MD, in approximate position latitude 38°25'55.3" N, longitude 075°03'49.3" W. Mariners are urged to use caution when transiting the area, and absent specific guidance, should remain 400 feet from the fireworks discharge site. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division at (410) 576-2674 or (410) 576-2693. Chart 12211

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 4, 2016** (rain date September 5, 2016), 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 4, 2016. If necessary due to inclement weather, the zone will be enforced from 8:30 p.m. to 10:30 p.m. on September 5, 2016. 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 Baltimore 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 Baltimore, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693. Chart 12211

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

The "Capital Dragon Boat Regatta at The Wharf" is scheduled to occur in the Washington Channel on **August 27, 2016**, from 12:00 noon to 5:00 p.m. The rowing competition consists of four boats (40 feet in length) racing per heat, with a total of 25 to 30 teams expected. The designated 500-meter long sprint-type course is located along the western side of Washington Channel. The course will be marked every 100 meters with red markers, which will be set on Friday, August 26, 2016 and removed on Saturday, August 27, 2016 immediately after the event. Sponsor-provided motorized watercraft will be provided to support event participants. Official patrol vessels on scene can be contacted on marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Baltimore, 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

The annual "Nation's Triathlon" is scheduled to occur on the Upper Potomac River, in Washington, DC, on Sunday, **September 11, 2016**, from 6 a.m. to 10 a.m. The triathlon swim segment (race) will be held on a 1500-meter marked, rectangular course on the Upper Potomac River, located under, adjacent to and downstream from the Arlington Memorial Bridge, with a start (7 a.m.) and finish at a designated transition area downstream from the bridge on the DC side of the river. The swim course marker buoys will be placed 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 - James River - Rockett's Landing******

The Richmond Rox Triathlon will occur in the James River in the vicinity of Rockett's Landing. This event will take place on September 18, 2016, beginning at 6 a.m. and ending at 12 p.m. Mariners are advised to use caution and bare steerage when transiting the area.

VA - CHESAPEAKE BAY - WILLOUGHBY BANK

The Cruising Club of Virginia will be hosting the 2016 CCV Founders Race on the Chesapeake Bay in the vicinity of Willoughby Bank. This event will take place on **August 27, 2016** from 11 a.m. 4:30 p.m. Mariners are requested to use caution and bare steerage while transiting the area.

VA - CHESAPEAKE BAY - HAMPTON ROADS

The Cruising Club of Virginia will be hosting the CCV 2016 Fall Series on the Chesapeake Bay in the vicinity of Hampton Roads on **September 18 and 25, 2016** and on the lower Chesapeake Bay on **October 9, 2016**, from 10 a.m. to 4:30 p.m. each day. Mariners are requested to use caution while transiting the area.

VA - CHESAPEAKE BAY - PIANKATANK RIVER

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 September 2 through **September 4, 2016**, beginning at 9:00 a.m. and ending at 5:00 p.m., each day. Mariners are requested to use caution when transiting the area.
Chart 12235

VA - CHESAPEAKE BAY - PIANKATANK RIVER – DELTAVILLE

The Fishing Bay Yacht Club's Wolf Trap Race & J70 Fall Regatta will occur on the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on **September 10, 2016** beginning at 9:00 a.m. and ending at 5:00 p.m. Mariners are requested to use caution when transiting the area.

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

The Fishing Bay Yacht Club's Offshore Fall Series #1 2016, will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on September 18, 2016 beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - LOWER JAMES RIVER

The Patriots Triathlon will be held on September 10 and **September 11, 2016**. The swim will take place on the James River adjacent to the Jamestown Road Ferry Pier beginning at 7:00 A.M. and ending at 9:00 A.M each day. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - HILLS BAY

The Fishing Bay Yacht Club's One Design Fall Series #1, will occur in Hills Bay near Gwynn's Island in Milford Haven, VA. This event will take place on **August 27, 2016** beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - HILLS BAY

The Fishing Bay Yacht Club's One Design Fall Series #2, will occur in Hills Bay near Gwynn's Island in Milford Haven, VA. This event will take place on **September 11, 2016** beginning at 9:00 a.m. and ending at 5:00 p.m. Mariners are requested to use caution when transiting the area.

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

The Fishing Bay Yacht Club's Laser Fall Regatta, will occur on Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on September 17, 2016 beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - HAMPTON BAR

The Hampton Yacht Club will be hosting the Wednesday Night Races on the Hampton Bar in Hampton Roads, VA. The sailboat regattas will be held every Wednesday night, starting on April 6, 2016 and ending on **September 28, 2016**, beginning at 6 p.m. and ending at 8:30 p.m. Mariners are requested to use caution and bare steerage when transiting the area.

VA - HAMPTON ROADS - HAMPTON FLATS

The Hampton Yacht Club will be hosting the Single-hand Race sailboat race on **September 28, 2016** from 11 a.m. until at 4 p.m. Racing will take place in the vicinity of Hampton Roads and Hampton Flats in Hampton, VA. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - HAMPTON FLATS

The Hampton Yacht Club will be hosting the Hampton Annual Middleground Light sailboat race on **September 10, 2016** from 11 a.m. until at 4 p.m. Racing will take place in the vicinity of the Hampton Roads and Hampton Flats in Hampton, VA. Mariners are requested to use caution and bare steerage when transiting the area.

VA - HAMPTON ROADS - ELIZABETH RIVER - LAFAYETTE RIVER

The Labor Day Regatta will occur in the Elizabeth River and the Lafayette River. This event will take place on **September 3, 2016**, beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area.

VA- CHESAPEAKE BAY- ELIZABETH RIVER

The Magnolia Circle Norfolk City Union of the King's Daughters will be hosting the Magnolia Circle Dragon Boat Race on the Elizabeth River, near Nauticus, in Norfolk, VA. This event will take place each day September 12, 2016 through **September 17, 2016** beginning at 6:00 AM and ending at 8:00 PM, daily. Mariners are requested to use caution when transiting the area.

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 April 15, 22 and 29, 2016; May 6, and 13, 2016; July 1, 8, 15, 22 and 29, 2016; August 5, 2016; September 2, 9, 16, 23 and 30, 2016, beginning at 5:45 p.m. and ending at 8:30 p.m. Races that are scheduled for May 21 and **October 8, 2016** will begin at 9:30 a.m. and end at 12:30 p.m. Mariners are requested to use caution when transiting the area.
Chart 12253

VA - HAMPTON ROADS - ELIZABETH RIVER - LAFAYETTE RIVER

The Labor Day Regatta will occur in the Elizabeth River and the Lafayette River. This event will take place on **September 3,**

2016, beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - ELIZABETH RIVER - LAFAYETTE RIVER

The Norfolk Yacht and Country Club will be hosting the Norfolk Yacht 2016 Fall Series in the Elizabeth River and the Lafayette River. These events will take place every Friday beginning on August 26, 2016 and ending **September 30, 2016**, from 6 p.m. to 8 p.m. Mariners are requested to use caution and bare steerage while transiting the area.

NC – TRENT RIVER TO NEUSE RIVER – NEW BERN – COLONIAL STAND UP PADDLE BOARD EVENT

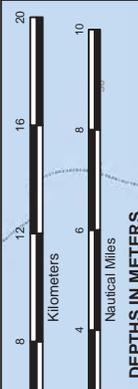
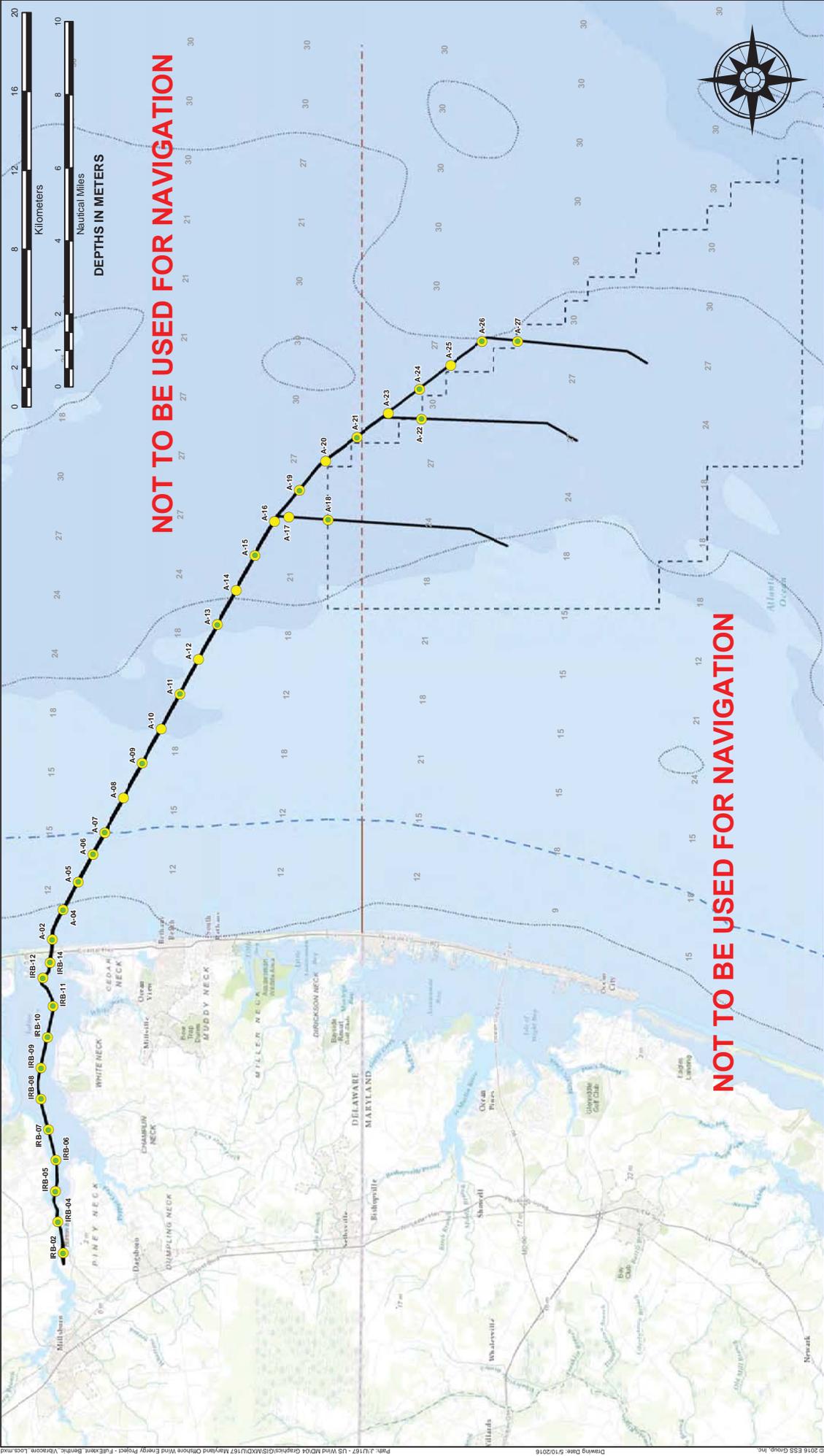
The “Colonial Cup Stand-up Paddle Board Event” will take place on **August 27, 2016** from 8:00 a.m. to 12:00 p.m. on the Trent and Neuse Rivers, New Bern, NC. This event will include approximately 150 stand-up and prone paddle boarders. The course begins on the Trent River near Hayward Creek, progresses through the marina area, crosses under the Freedom Memorial Bridge and Cunningham Bridge, and ends with a triangular course marked by buoys on the Neuse River. Mariners are requested to proceed with caution in these areas. For any comments or questions, contact the Marine Event Coordinator at Coast Guard Sector North Carolina, (910) 772-2221 or (910) 772-3882.
Chart 11541

NC – ATLANTIC INTRACOASTAL WATERWAY – SURF CITY – PADDLE 4 TROOPS

The “Paddle 4 Troops” will take place on **August 27, 2016** from 10:00 a.m. to 2:00 p.m. on the AICW, Surf City, NC. This event will include approximately 200 canoes, kayaks, and paddle boarders. The course begins at the Surf City Swing Bridge and will travel 3 miles either north or south, depending on winds the day of the event, to a turnaround point designated by an event sponsored anchored vessel, and end back at the Surf City Swing Bridge. Mariners are requested to proceed with caution in these areas. For any comments or questions, contact the Marine Event Coordinator at Coast Guard Sector North Carolina, (910) 772-2221 or (910) 772-3882.
Chart 11541

NC – CAROLINA YACHT CLUB SAILBOAT RACES

The “Carolina Yacht Club Sailboat” races will be conducted throughout the year from May 14, 2016 through **December 10, 2016** at various times. These sailing races will include approximately 10 - 100 participants, and sailing boats ranging from 13 - 37’ feet in length. The races will be held on the Atlantic Ocean, Banks Channel, Motts Channel and Greenville Sound in Wrightsville Beach, NC. Specific sailboat races times or schedule can be provided by calling the Carolina Yacht Club at (910) 256-3396. No restrictions will be placed on the use of any navigable waters by other parties.
Chart 11541



DEPTHS IN METERS

NOT TO BE USED FOR NAVIGATION

NOT TO BE USED FOR NAVIGATION

Legend

- Benthic Sampling Location*
- Vibracore Sampling Location*
- Cable Route
- - - Wind Energy Area
- - - State/Federal Waters Boundary
- - - State's Seaward Boundaries
- - - Extension of State Boundary into OCS

*Proposed sampling locations are approximate and subject to change based on geophysical survey results.
 **Survey Corridor is 300m wide in the Atlantic Ocean, and 500m wide within 1000m of shore and in Indian River Bay.

Maryland Offshore Wind Energy Project
 Offshore Maryland

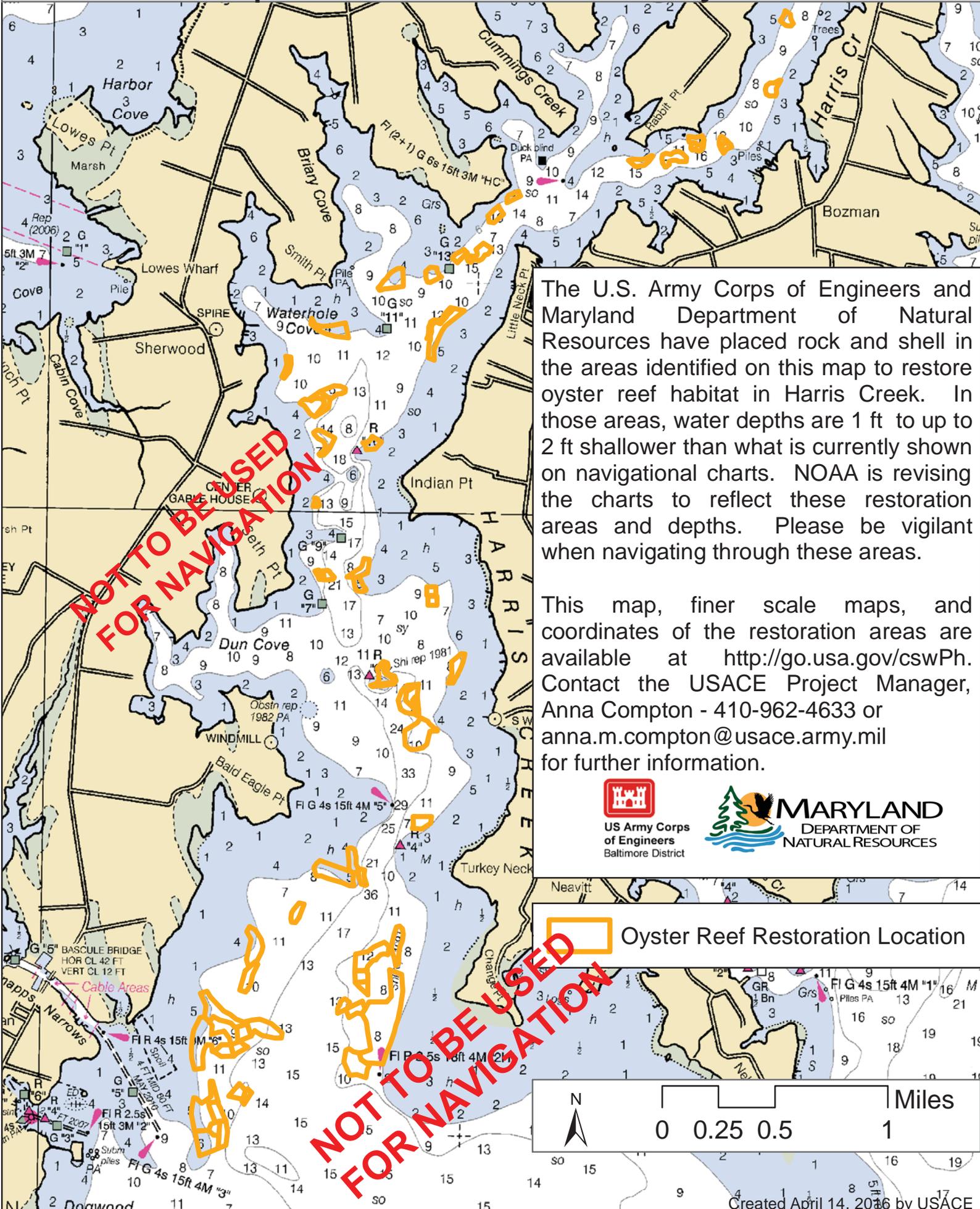


1 centimeter = 1,800 meters
 Source: 1) ESS, Export Cable Route, 2016
 2) BOEM, Wind Planning Areas, 2013
 2) NOAA, Raster Nautical Charts, 2016 3) VACAPESQArea, Georeference - BOEM EA, 2016

Figure 1
 Vibracore/Benthic Sampling Locations

Harris Creek Oyster Restoration

Notice: water depths are shallower than currently shown on charts



The U.S. Army Corps of Engineers and Maryland Department of Natural Resources have placed rock and shell in the areas identified on this map to restore oyster reef habitat in Harris Creek. In those areas, water depths are 1 ft to up to 2 ft shallower than what is currently shown on navigational charts. NOAA is revising the charts to reflect these restoration areas and depths. Please be vigilant when navigating through these areas.

This map, finer scale maps, and coordinates of the restoration areas are available at <http://go.usa.gov/cswPh>. Contact the USACE Project Manager, Anna Compton - 410-962-4633 or anna.m.compton@usace.army.mil for further information.



US Army Corps of Engineers
Baltimore District



MARYLAND
DEPARTMENT OF
NATURAL RESOURCES



Oyster Reef Restoration Location



Miles
0 0.25 0.5 1