



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 27/16

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

ATLANTIC OCEAN - APPROACHES TO NEW YORK – CHOLERA BANK - FIRE ISLAND LIGHT TO SEA GRIT

Bureau of Offshore Energy Management (BOEM) has announced the availability of an Environmental Assessment (EA) for commercial wind lease issuance, site characterization activities, (geophysical, geotechnical, archaeological, and biological surveys) and site assessment activities (including the installation and operation of a meteorological tower and/or buoys) on the Atlantic Outer Continental Shelf offshore New York. The EA and associated information are available on BOEM's website at <http://www.boem.gov/New-York/>. Comments on the EA will be accepted until

July 6, 2016. For further information contact michelle.morin@boem.gov or at (703) 787-1340.

Chart 12326

LNLM: 26/16

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.

LNLM: 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.

LNLM: 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.

LNLM: 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.

LNLM: 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

This section contains corrections to federal and private Aids to Navigation, as well as NOS Corrections. Navigation information having been of immediate concern to the Mariner and promulgated by the following Broadcast Notices to Mariners (BMNs) have been incorporated in this notice when still significant at the date of this publication.

CCGD5 (D5) - 305, 308, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322-16.

Sector Delaware Bay (DB) - 241, 242, 243, 245, 250, 251, 252, 253, 254, 256, 258, 260, 261, 262, 263-16.

Sector Maryland National Capital Region (BA) - 234, 236, 238-16.

Sector Hampton Roads (HR) - 115, 135, 136, 138, 167, 174, 185, 186, 187, 191, 192, 193, 199, 202, 206, 209, 210, 211, 212, 214, 215-16.

Sector North Carolina (NC) -321, 322, 325, 327, 328, 331, 332, 336, 337, 339, 340, 342, 343, 344, 345, 346, 348, 349-16.

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	NONEDB	27/16	
120	Five Fathom Bank Lighted Buoy F	REDUCED INT/RAC INOP	12214	243DB	21/16	
155	Cape May Light	LT EXT	12316	251DB	26/16	
350	Cape Charles Light	LT EXT	12222	384HR	18/13	
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	
1100	Little Egg Inlet Outer Lighted Whistle Buoy LE	TMK MISSING	12316	NONEDB	27/16	
2050	Harbor Of Refuge North End Light 1	STRUCT DMGD	12216	024DB	04/16	
2055	Delaware Bay East Icebreaker Light 2	LT EXT	12216	186DB	20/16	
2055	Delaware Bay East Icebreaker Light 2	STRUCT DEST	12216	060DB	04/16	
2330	Murderkill River Buoy 4	OFF STA	12304	166DB	19/16	
2520	Baker Range Lighted Buoy 4B	LT EXT	12311	177DB	19/16	
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
4785	Isle of Wight Bay Warning Buoy C	MISSING	12211	236BA	27/16
4870	Isle of Wight Bay Light 13	TRLB/STRUCT DEST	12211	121BA	09/15
4871	Isle Of Wight Bay Light 14	STRUCT DEST/TRLB	12211	081BA	09/15
5010	Sinepuxent Bay Channel Light 4	STRUCT DEST/TRLB	12211	491BA	08/15
5045	Sinepuxent Bay Channel Daybeacon 11A	TRLB/STRUCT DEST	12211	408BA	31/15
5070	Sinepuxent Bay Channel Wreck Light WR16	MISSING/TRLB	12211	345BA	26/15
5075	Sinepuxent Bay Channel Daybeacon 17	TRLB/STRUCT DEST	12211	006BA	02/15
5135	Sinepuxent Bay Channel Daybeacon 35	STRUCT DEST/TRUB	12211	184BA	13/15
5145	Sinepuxent Bay Channel Light 39	TRLB/STRUCT DEST	12211	186BA	13/15
5200	Chincoteague Bay Light 28	TRUB/STRUCT DEST	12211	188BA	13/15
5205	Chincoteague Bay Daybeacon 26	TRUB/STRUCT DEST	12211	189BA	13/15
5215	Chincoteague Bay Daybeacon 23	TRUB/STRUCT DEST	12211	190BA	13/15
5220	Chincoteague Bay Light 21	TRLB/STRUCT DEST	12211	191BA	13/15
5235	Chincoteague Bay Daybeacon 19	TRLB/STRUCT DEST	12211	192BA	13/15
5420	Chincoteague Bay Channel Daybeacon 4	STRUCT DEST/TRLB	12211	098HR	10/15
5425	Chincoteague Bay Channel Daybeacon 6	STRUCT DEST/TRUB	12211	044HR	10/15
5430	Chincoteague Bay Channel Light 8	STRUCT DEST/TRLB	12211	045HR	10/15
5435	Chincoteague Bay Channel Light 9	STRUCT DEST/TRUB	12211	084HR	10/15
5445	Chincoteague Bay Channel Light 12	TRLB/STRUCT DMGD	12211	221HR	11/15
5450	Chincoteague Bay Channel Daybeacon 14	TRUB/STRUCT DEST	12211	222HR	11/15
5455	Greenbackville Light 1	STRUCT DEST/TRLB	12211	522HR	41/15
5477	Chincoteague Bay Daybeacon 16A	TRUB/STRUCT DEST	12211	223HR	11/15
5485	Chincoteague Bay Daybeacon 19	TRLB/STRUCT DEST	12211	192BA	13/15
5487	Chincoteague Bay Daybeacon 20	MISSING/TRLB	12211	258HR	16/15
5490	Chincoteague Bay Light 21	TRLB/STRUCT DEST	12211	191BA	13/15
5495	Chincoteague Bay Daybeacon 23	TRUB/STRUCT DEST	12211	190BA	13/15
5505	Chincoteague Bay Daybeacon 26	TRUB/STRUCT DEST	12211	189BA	13/15
5510	Chincoteague Bay Light 28	TRUB/STRUCT DEST	12211	188BA	13/15
5610	Virginia Inside Passage Lighted Buoy 7	MISSING	12210	073HR	08/14
5625	Virginia Inside Passage Daybeacon 13	BUOY DMGD/TRUB	12210	014HR	02/16
5755	Virginia Inside Passage Daybeacon 49	STRUCT DEST	12210	306HR	20/15
5767	Virginia Inside Passage Daybeacon 52	DAYMK MISSING	12210	242HR	26/14
5772	Virginia Inside Passage Buoy 55	MISSING	12210	111HR	12/13
5773	Virginia Inside Passage Buoy 55A	MISSING	12210	386HR	41/12
5776	Virginia Inside Passage Buoy 57	MISSING	12210	241HR	26/14
5777	Virginia Inside Passage Buoy 59	MISSING	12210	387HR	41/12
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
5955	Virginia Inside Passage Buoy 110	MISSING	12210	425HR	45/12
6115	Virginia Inside Passage Daybeacon 153	DAYMK MISSING	12210	056HR	07/15
6137	Virginia Inside Passage Daybeacon 157B	DAYMK MISSING	12210	057HR	07/15
6139	Virginia Inside Passage Buoy 158A	OFF STA	12210	354HR	35/13

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
6260	Virginia Inside Passage Buoy 194	MISSING	12210	215HR	23/13
6275	Virginia Inside Passage Buoy 198	MISSING	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
6736	Quinby Inlet Channel Buoy 2	MISSING	12210	350HR	35/13
6736.1	Quinby Inlet Channel Buoy 2A	MISSING	12210	351HR	35/13
6740	Quinby Inlet Channel Lighted Buoy 4	MISSING	12210	352HR	35/13
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
7440	Chesapeake Channel Lighted Buoy 62	RAC INOP	12225	423HR	29/15
8855	Taylor Island Shoal Buoy 1	MISSING/TRUB	12274	190BA	19/16
10142	Lynnhaven Inlet Light 5	DAYMK MISSING	12254	124HR	19/16
10495	Little Creek Harbor Range Front Light	LT EXT	12255	215HR	27/16
11467	James River Channel Light 5	LT EXT	12248	216HR	27/16
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
13080	Back River Channel Light 18	LT EXT	12222	211HR	27/16
13555	York River West Range Rear Light	LT EXT	12238	203HR	26/16
14445	Horn Harbor Entrance Light HH	DAYMK MISSING	12238	147HR	21/16
15157	Corrotoman River Light 3	LT EXT	12237	199HR	25/16
15395	Morattico Creek Daybeacon 2	STRUCT DMGD	12237	177HR	11/15
15615	Hoskins Creek Channel Daybeacon 2	STRUCT DEST/TRUB	12237	091HR	15/16

16350	Little Wicomico River Approach Light 2LW	DAYMK MISSING	12233	097HR	15/16
17260	Wicomico River Warning Daybeacon	DAYMK MISSING	12286	323BA	24/15
18555	Upper Potomac River Channel Buoy 79	OFF STA	12289	230BA	25/16
19680	Fishing Creek Light 5	DAYMK DMGD	12270	217BA	24/16
19935	Weems Creek Junction Daybeacon WC	STRUCT DEST/TRLB	12283	160BA	15/16
21435	Old Plantation Flats Warning Light A	DAYMK MISSING	12224	102HR	16/16
21475	Cape Charles City Approach Light C	DAYMK DMGD	12224	101HR	16/16
21605	Hungar Creek Daybeacon 2	STRUCT DEST/TRLB	12226	026HR	26/14
21615	Hungar Creek Daybeacon 5	TRLB/STRUCT DEST	12226	085HR	08/15
21665	Nassawadox Creek Warning Daybeacon H	STRUCT DEST/HAZ NAV/TRUB	12226	074HR	12/16
21784	Nandua Creek Channel Daybeacon 8	TRUB/STRUCT DEST	12226	197HR	12/15
21790	Nandua Creek Channel Warning Daybeacon F	DAYMK MISSING	12226	203HR	12/15
21792	Nandua Creek Channel Daybeacon 9	TRUB/STRUCT DEST	12226	456HR	33/15
21820	Nandua Creek Channel Daybeacon 17	TRLB/STRUCT DMGD	12226	200HR	12/15
21825	Nandua Creek Channel Daybeacon 19	TRUB/STRUCT DEST	12226	201HR	12/15
21830	Nandua Creek Channel Daybeacon 21	TRUB/STRUCT DEST	12226	202HR	12/15
22475	Starling Creek Daybeacon 6	TRUB/STRUCT DEST	12228	330HR	22/15
22630	Upper Pocomoke River Daybeacon 8	TRUB/STRUCT DEST	12228	504BA	41/14
23410	Goose Creek Channel Daybeacon 6	TRLB/STRUCT DEST	12231	121BA	11/15
23955	Wicomico River Channel Light 55	LT EXT/TRLB	12261	221NC	24/16
26310	Crab Alley - Little Creek Daybeacon 1	STRUCT DEST/TRLB	12270	179BA	17/16
27840	Northeast River Buoy 4	TRUB	12274	148BA	13/16
27845	Northeast River Buoy 5	MISSING/TRLB	12274	162BA	16/16
28715	South Ferry Terminal Light 7	STRUCT DEST/TRLB	11555	160NC	09/16
28830	Rollinson Channel Light 34	STRUCT DEST/TRLB	11555	647NC	50/15
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
30055	Banks Channel Light 2	STRUCT DEST/TRLB	11541	237NC	19/16
30200	Wrightsville Channel Junction Daybeacon WC	TRUB/STRUCT DEST	11541	198NC	14/15
30270	Carolina Beach Inlet Buoy 2	OFF STA	11534	630NC	49/15
30491	Federal Point Range Front Light	STRUCT DEST	11534	436NC	32/15
31170	Whale Head Bay Light 1	OFF STA/STRUCT DEST/TRLB	12204	263NC	18/15
31800	Chowan River Light 5	LT EXT	12205	332NC	27/16
31976	Roanoke Marshes Warning Daybeacon	STRUCT DEST	12204	467NC	35/15
32825	Oyster Creek Lighted Buoy 4	OFF STA	11545	074NC	08/16
33360	Pamlico River Channel Light 17	LT EXT	11554	246NC	20/16
33490	Cedar Island North Light	LT EXT/DAYMK MISSING/STRUCT DMGD	11550	045NC	29/14
33535	West Bay Light 7WB	DAYMK MISSING	11544	498NC	38/15
33560	West Bay Light 15WB	LT EXT	11550	281NC	23/16
33570	Long Bay Light 4	DAYMK MISSING	11544	100NC	09/16
33790	Adams Creek Light 1AC	REDUCED INT	11541	325NC	26/16
33801	Dawson Creek Entrance Buoy 4	MISSING	11552	032NC	52/15
34315	Trent River Daybeacon 20	TRLB/STRUCT DEST	11552	523NC	39/15
34335	Core Sound Buoy 3A	OFF STA	11550	038NC	05/15
34545	Core Sound Lighted Buoy 28	OFF STA	11545	284NC	23/16
35070	New Jersey Intracoastal Waterway Light 27	LT EXT	12324	263DB	27/16
35130	Barnegat Bay Light BB	LT EXT	12324	258DB	27/16
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
37905	Alligator River Daybeacon 30	STRUCT DEST/TRUB	11553	093NC	09/16
38290	Adams Creek Light 1AC	REDUCED INT	11541	325NC	26/16
38440	Russell Slough Junction Light RS	STRUCT DEST/TRLB	11541	136NC	12/16
38652	Money Island Channel Buoy 2	MISSING	11547	322NC	26/16
38655	Money Island Channel Daybeacon 2A	STRUCT DEST/TRUB	11547	272NC	22/16
38925	Bogue Sound Light 21	STRUCT DEST/TRLB	11541	337NC	27/16
39085	Bogue Sound - New River Light 46C	STRUCT DMGD/TRLB	11541	296NC	24/16
39290	Bogue Sound - New River Daybeacon 70	STRUCT DEST/TRUB	11541	307NC	11/16
39455	New River - Cape Fear River Daybeacon 65	STRUCT DEST/TRUB	11541	306NC	24/16
39507	New River - Cape Fear River Light 89	DAYMK MISSING	11541	208NC	19/16
39580	New River - Cape Fear River Daybeacon 110	STRUCT DEST/TRUB	11541	328NC	26/16
39715	New River - Cape Fear River Daybeacon 152	STRUCT DEST/TRUB	11534	301NC	24/16
39758	New River - Cape Fear River Buoy 162A	OFF STA	11534	331NC	27/16
39825	New River - Cape Fear River Light 163	STRUCT DEST/TRLB	11534	182NC	16/16
39966	Federal Point Range Front Light	STRUCT DEST	11534	436NC	32/15

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
35	Little Egg Inlet Outer Lighted Whistle Buoy LE	RELIGHTED	12316	196DB	20/16	27/16
1100	Little Egg Inlet Outer Lighted Whistle Buoy LE	RELIGHTED	12316	196DB	20/16	27/16
1120	Little Egg Inlet Lighted Buoy 5	N/A	12316	222DB	23/16	27/16
3630	Fisher Point Range Rear Light	RELIGHTED	12313	259DB	27/16	27/16
3950	Devlin Upper Range Rear Light	RELIGHTED	12314	NONEDB	27/16	27/16
4430	Indian River Junction Lighted Buoy IR	WATCHING PROPERLY	12216	223DB	24/16	27/16
4436	Middle Island West Channel Junction Lighted Buoy MI	RELIGHTED	12216	NONEDB	27/16	27/16
4650	White Creek Buoy 3	WATCHING PROPERLY	12216	242DB	26/16	27/16
5037	Sinepuxent Bay Channel Buoy 10A	RESET ON STATION	12211	121BA	08/15	27/16
5105	Sinepuxent Bay Channel Buoy 27	RESET ON STATION	12211	179BA	13/15	27/16
5110	Sinepuxent Bay Channel Buoy 27A	WATCHING PROPERLY	12211	181BA	17/16	27/16
5120	Sinepuxent Bay Channel Buoy 29	RESET ON STATION	12211	182BA	13/15	27/16
5130	Sinepuxent Bay Channel Buoy 33	RESET ON STATION	12211	493BA	45/15	27/16
8078	Craighill Channel Lighted Buoy 14	RESET ON STATION	12282	235BA	26/16	27/16
8225	Fort McHenry Channel Range Rear Light	RELIGHTED	12281	232BA	26/16	27/16
11160	Nansemond River Channel Daybeacon 38	WATCHING PROPERLY	12248	144HR	21/16	27/16
11415	Pagan River Channel Light 13	WATCHING PROPERLY	12248	139HR	20/16	27/16
22000	Parkers Creek Daybeacon 8	WATCHING PROPERLY	12228	212HR	27/16	27/16
26050	Eastern Bay Lighted Buoy 4	RELIGHTED	12270	233BA	26/16	27/16
28732	Hatteras Inlet Channel Buoy 12	RELOCATED	11555	334NC	27/16	27/16
29020	Silver Lake Entrance Light 9	RELIGHTED	11550	333NC	27/16	27/16
29105	Nine Foot Shoal Channel Daybeacon 5	REBUILT/RECOVERED	11550	020NC	20/16	27/16
30784	Big Island Lower North Range Rear Light	RELIGHTED	11537	329NC	26/16	27/16
30805	Big Island Upper South Range Rear Light	RELIGHTED	11537	330NC	26/16	27/16
30850	Upper Brunswick Range Rear Light	WATCHING PROPERLY	11537	347NC	27/16	27/16
30930	Fourth East Jetty Range Rear Light	RELIGHTED	11537	NONENC	27/16	27/16
32370	Royal Shoal Light 3	RELIGHTED	11552	326NC	26/16	27/16
32380	Royal Shoal Wreck Light WR7	RELIGHTED	11550	230NC	20/16	27/16
33315	Pamlico River Channel Light 9	REBUILT/RECOVERED	11554	226NC	19/16	27/16

35570	New Jersey Intracoastal Waterway Light 139	RELIGHTED	12316	244DB	26/16	27/16
35830	New Jersey Intracoastal Waterway Daybeacon 207	WATCHING PROPERLY	12316	159DB	21/16	27/16
36090	New Jersey Intracoastal Waterway Daybeacon 288	WATCHING PROPERLY	12316	159DB	18/16	27/16
38230	Goose Creek Daybeacon 24	REBUILT/RECOVERED	11553	259NC	21/16	27/16

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	
3777	Tri-County Water Intake Lighted Buoy N	LT EXT	12314	261DB	27/16	
3778	Tri-County Water Intake Lighted Buoy S	LT EXT	12314	262DB	27/16	
4346	Upper Delaware River Pipeline Outfall Buoy	MISSING	12314	129DB	18/12	
4875	Thorofare Channel Buoy 3	SINKING	12211	029DB	05/16	
4900	Thorofare Channel Buoy 10	OFF STA	12211	121BA	09/15	
4925	Ocean Pines Yacht Club Light 2	LT EXT	12211	398BA	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	439BA	36/14	
7837	UMCES Lighted Data Buoy CBB	OFF STA	12282	176BA	16/16	
7860	Bay Bridge Marina Light 5	LT EXT	12270	350BA	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	251BA	19/10
16612	Coan River Marina Buoy 1	MISSING	12233	121BA	10/15
16613	Coan River Marina Buoy 2	MISSING	12233	121BA	10/15
16614	Coan River Marina Buoy 3	MISSING	12233	121BA	10/15
16853	Potomac River Sandy Point Lighted Data Buoy A	MISSING	12233	282BA	20/14
16962	Cabin Point Creek Daybeacon 1	STRUCT DEST/HAZ NAV	12285	225BA	25/16
16963	Cabin Point Creek Daybeacon 2	STRUCT DEST/HAZ NAV	12285	225BA	25/16
16971	Glebe Creek Daybeacon 1	STRUCT DEST/HAZ NAV	12285	224BA	25/16
16971.5	Glebe Creek Daybeacon 2	STRUCT DEST/HAZ NAV	12285	224BA	25/16
16972.5	Glebe Creek Daybeacon 4	STRUCT DEST/HAZ NAV	12285	224BA	25/16
17712	Potomac River Morgantown Lighted Mooring Buoy A	BUOY DMGD/LT EXT	12287	199BA	21/16
17845	Nanjemoy Creek Buoy 5	OFF STA	12288	497BA	45/15
18014	Aquia Creek Daybeacon 31	DAYMK IMCH	12288	422BA	34/14
18014.1	Aquia Creek Daybeacon 32	DAYMK DMGD	12288	NONEBA	34/14
18014.2	Aquia Creek Daybeacon 33	DAYMK IMCH	12288	423BA	34/14
18014.3	Aquia Creek Daybeacon 34	DAYMK DMGD	12288	424BA	34/14
18075	Possum Point Pier Light	LT EXT	12288	448BA	37/15
18170	Leesylvania Park Light 2	LT EXT	12288	449BA	37/15
18601.01	National Harbor Channel Light 3	DAYMK MISSING	12289	144BA	12/16
18793.1	Tanner Creek Warning Daybeacon A	DAYMK MISSING	12233	179BA	23/13
18793.2	Tanner Creek Daybeacon 1	DAYMK MISSING	12233	178BA	23/13
18980	Mill Creek (Patuxent River) Buoy 11	OFF STA	12284	040BA	05/16
19152	Academy Of Natural Science Intake Light B	STRUCT DEST/HAZ NAV	12264	121BA	08/15
19612	South River Warning Buoy A	MISSING	12270	039BA	06/13
19613	South River Warning Buoy B	MISSING	12270	040BA	06/13
20063	Severn River - Mill Creek Buoy 11	SINKING	12283	238BA	16/15
20210	Forked Creek Daybeacon 2	DAYMK MISSING	12282	240BA	18/14
21175	Fairfield Channel Buoy 2	MISSING	12281	036BA	08/12
21180	Fairfield Channel Buoy 4	MISSING	12281	037BA	08/12
21180	Fairfield Channel Buoy 4	OFF STA	12281	286BA	37/12
21185	Fairfield Channel Buoy 6	MISSING	12281	233BA	17/07
21362	North Locust Point Marine Terminal Pier 7 Warning Buoy A	MISSING	12281	569BA	01/15
22095	Onancock Creek -South Branch Buoy 1	OFF STA	12228	292BA	30/08
22430	Pocomoke Sound State Boundary Line Daybeacon H	TRUB/STRUCT DEST	12228	165BA	13/15
22440	Pocomoke Sound State Boundary Line Daybeacon K	TRUB/STRUCT DEST	12228	NONEBA	31/15
22985	Ward Creek Warning Daybeacon A	MISSING	12231	503BA	31/05

23315	Jones Creek Daybeacon 4	DAYMK MISSING	12231	402BA	44/08
23340	Jones Creek Daybeacon 12	DAYMK DMGD	12231	620BA	45/11
23670	Dorchester/Somerset County Line Marker DD	TRUB/STRUCT DEST	12231	166BA	13/15
23715	Dames Quarter Creek Channel Daybeacon 4	OFF STA/TRUB	12261	242BA	24/07
25010	Cambridge Municipal Yacht Basin Light 1	MISSING	12266	316BA	40/12
25015	Cambridge Municipal Yacht Basin Light 2	MISSING	12266	317BA	40/12
25020	Cambridge Channel Range Front Light	LT EXT	12268	420BA	46/08
25025	Cambridge Channel Range Rear Light	LT EXT/DAYMK DMGD	12268	418BA	46/08
25330	Pier Street Marina Daybeacon 1	STRUCT DEST/HAZ NAV	12266	157BA	20/13
25335	Pier Street Marina Daybeacon 2	STRUCT DEST/HAZ NAV	12266	168BA	21/13
25760	Upper Edge Creek Daybeacon 5	STRUCT DEST/HAZ NAV	12266	011BA	02/15
26030	Claiborne Channel Warning Daybeacon	STRUCT DEST	12270	NONEBA	08/16
26036	Claiborne Channel Buoy 5	MISSING	12266	NONEBA	08/16
26038	Claiborne Channel Buoy 6	MISSING	12270	093BA	08/16
26039	Claiborne Channel Warning Buoy A	MISSING	12270	094BA	08/16
26040	Claiborne Channel Warning Buoy B	MISSING	12270	NONEBA	08/16
26210	Oak Creek Buoy 3	MISSING	12270	092BA	08/16
26225	Oak Creek Warning Buoy	STRUCT DEST	12270	265BA	35/12
26275	Cox Creek Daybeacon 5	MISSING	12270	184BA	24/13
26343	Greenwood Creek Buoy 1G	OFF STA	12270	NONEBA	12/15
26343.1	Greenwood Creek Buoy 2	OFF STA	12270	NONEBA	12/15
26343.2	Greenwood Creek Buoy 3	OFF STA	12270	NONEBA	12/15
26343.3	Greenwood Creek Buoy 4	OFF STA	12270	NONEBA	12/15
26343.4	Greenwood Creek Buoy 5	OFF STA	12270	NONEBA	12/15
26343.5	Greenwood Creek Buoy 6	OFF STA	12270	NONEBA	12/15
26343.6	Greenwood Creek Buoy 8	OFF STA	12270	NONEBA	12/15
26343.7	Greenwood Creek Buoy 10	OFF STA	12270	NONEBA	12/15
26343.8	Greenwood Creek Buoy 12	OFF STA	12270	NONEBA	12/15
26343.9	Greenwood Creek Buoy 13	OFF STA	12270	NONEBA	12/15
26990	Shallow Creek Daybeacon 9	DAYMK MISSING	12278	NONEBA	20/11
27230	Upper Gunpowder River Buoy 2	MISSING	12274	280BA	19/15
27240	Upper Gunpowder River Buoy 4	MISSING	12274	279BA	19/15
27245	Upper Gunpowder River Daybeacon 5	STRUCT DEST	12274	278BA	19/14
27250	Upper Gunpowder River Buoy 6	MISSING	12274	277BA	19/15
27255	Upper Gunpowder River Buoy 7	MISSING	12274	276BA	19/15
27265	Upper Gunpowder River Buoy 9	OFF STA	12274	275BA	19/15
27270	Upper Gunpowder River Buoy 10	OFF STA	12274	274BA	19/15
27280	Upper Gunpowder River Daybeacon 12	OFF STA	12274	273BA	19/15
27415	Fairlee Creek Buoy 8	OFF STA/BUOY DMGD	12278	361BA	28/14
27920	Upper Elk River Buoy 8	OFF STA	12274	127BA	16/13
27925	Upper Elk River Buoy 9	OFF STA	12274	128BA	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
32725.23	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 Daybeacon 4	STRUCT DEST	12316	556DB	41/15

Asquith Creek Daybeacon 6	DAYMK IMCH	12282	520BA	45/14
Back Creek-Syc Daybeacon 8	STRUCT DMGD	12238	NONEHR	23/16
Back River Buoy 6	BUOY DMGD		263BA	33/13
Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
Cherrystone Artificial Reef Buoys	MISSING	12221	NONED5	24/05
Cox Creek Channel Buoy 6 (Patapsco)	ADRIFT	12278	296BA	36/13
Cox Creek Channel Buoy 7 (Patapsco)	ADRIFT	12278	297BA	36/13
East Cod Creek Daybeacon 4	DAYMK MISSING	12233	120BA	21/12
East Cod Creek Daybeacon 6	DAYMK DMGD	12285	318BA	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	208BA	23/16
Little Cove Point Warning Light C	STRUCT DEST	12264	286BA	36/13
Old House Cove Warning Daybeacon A	MISSING	12231	0498BA	31/05
Old House Cove Warning Daybeacon B	MISSING	12231	0499BA	31/05
Old House Cove Warning Daybeacon C	MISSING	12231	0500BA	31/05
Parramore Artificial Reef Buoy	MISSING	12210	0071ES	21/05
Playtors Creek Dbn 3	STRUCT DEST	12266	186BA	18/16
Shark Riv Is Ch By 1	MISSING		215DB	22/16
Shark River Light 5	LT EXT		395DB	28/15
St. Michaels Harbor Buoy 6	SINKING	12270	177BA	16/16
Upper Tangier Sound County Range Marker F	STRUCT DEST	12231	155BA	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 Artificial Reef Buoys	MISSING	12210	0072ES	21/05

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
6348	Virginia Inside Passage Daybeacon 213	TRUB	12224	NONED5	02/14	

7450	USN Aerial Gunnery Area Warning Daybeacon A	TRLB	12228	500BA	16/16
8117	NOAA Lighted Data Buoy SN	DISCONTINUED	12278	602D5	50/15
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
9630	Elizabeth River Channel Lighted Buoy 23	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
19697	NOAA Lighted Data Buoy AN	DISCONTINUED	12283	604D5	50/15
21510	Mud Creek Channel Daybeacon 1	DISCONTINUED FOR DREDGING	12224	271HR	17/15
21515	Mud Creek Channel Daybeacon 2	TRUB	12224	221D5	18/15
23510	Lower Thorofare Channel Light 6	TRDBN	12231	096D5	11/16
27405	Fairlee Creek Light 2F	DISCONTINUED	12278	136D5	13/16
28030	Oregon Inlet Buoy 14A	DISCONTINUED FOR DREDGING	12204	534D5	43/15
28035	Oregon Inlet Buoy 15	DISCONTINUED FOR DREDGING	12204	012D5	03/16
28234	Old House Channel Lighted Buoy 2H	DISCONTINUED	12206	410D5	34/15
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	Hatteras Inlet Channel Buoy 12	RELOCATED DUE TO SHOALING	11555	322D5	27/16
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
28955	Teaches Hole Channel Lighted Buoy 20	DISCONTINUED	11550	173D5	14/15
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
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

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9620	Elizabeth River Channel Lighted Buoy 20	Returned to Assigned Position	12245	321D5	52/15	27/16
18812	St. Jerome Creek Daybeacon 4A	LWP	12233	315D5	26/16	27/16
21330	Northwest Harbor Channel Lighted Buoy 2NH	LWP	12281	315D5	26/16	27/16
21335	Northwest Harbor Channel Lighted Buoy 3	LWP	12281	315D5	26/16	27/16
21340	Northwest Harbor Channel Lighted Buoy 5	LWP	12281	315D5	26/16	27/16
21345	Northwest Harbor Channel Lighted Buoy 7	LWP	12281	315D5	26/16	27/16
39597	New River - Cape Fear River Buoy 121	LWP	11541	316D5	26/16	27/16

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

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

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

11541	41st Ed.	01-NOV-15	Last LNM: 25/16	NAD 83		27/16
<i>Chart Title: Intracoastal Waterway Neuse River to Myrtle Grove Sound</i>						
CHART NC-AIWW - NEUSE RIVER TO MYRTLE GROVE SOUND. Page/Side: N/A						
RELOCATE	New River - Cape Fear River Buoy 121				CGD05 from 34-14-58.780N to 34-14-59.495N	077-46-55.612W 077-46-56.525W
11555	42nd Ed.	01-APR-15	Last LNM: 25/16	NAD 83		27/16
<i>Chart Title: Cape Hatteras-Wimble Shoals to Ocracoke Inlet</i>						
Main Panel 525 CAPE HATTERAS WIMBLE SHOALS TO OCRACOKE INLET. Page/Side: A						
RELOCATE	Hatteras Inlet Lighted Buoy 4				CGD05 from 35-10-47.017N to 35-10-45.397N	075-46-13.407W 075-46-18.866W
RELOCATE	Hatteras Inlet Lighted Buoy 5				CGD05 from 35-10-45.098N to 35-10-42.606N	075-46-18.114W 075-46-24.399W
12230	66th Ed.	01-APR-13	Last LNM: 26/16	NAD 83		27/16
<i>Chart Title: Chesapeake Bay Smith Point to Cove Point</i>						
CHART VA-MD-CHESAPEAKE BAY: SMITH POINT TO COVE POINT. Page/Side: N/A						
RELOCATE	St. Jerome Creek Daybeacon 4A				CGD05 from 38-07-11.478N to 38-07-11.679N	076-20-32.328W 076-20-32.254W
CHANGE	St. Jerome Creek Warning Daybeacon A to St. Jerome Creek Daybeacon 4A, TR at				CGD05 38-07-11.478N	076-20-32.328W
12233	38th Ed.	01-JAN-14	Last LNM: 25/16	NAD 83		27/16
<i>Chart Title: Potomac River Chesapeake Bay to Piney Point</i>						
Main Panel 570 POTOMAC RIVER-CHESAPEAKE BAY TO PINEY POINT. Page/Side: N/A						
RELOCATE	St. Jerome Creek Daybeacon 4A				CGD05 from 38-07-11.478N to 38-07-11.679N	076-20-32.328W 076-20-32.254W
CHANGE	St. Jerome Creek Warning Daybeacon A to St. Jerome Creek Daybeacon 4A, TR at				CGD05 38-07-11.478N	076-20-32.328W
12263	56th Ed.	01-JUN-12	Last LNM: 21/16	NAD 83		27/16
<i>Chart Title: Chesapeake Bay Cove Point to Sandy Point</i>						
Main Panel 603 CHEESAPEAKE BAY COVE POINT TO SANDY POINT. Page/Side: N/A						
DELETE	"BELL" from Eastern Bay Lighted Bell Buoy 2A at				CGD05 38-50-33.347N CGD05	076-18-12.964W

RELOCATE	Little Choptank River Light 13			from 38-33-00.334N to 38-33-00.512N	076-13-06.206W 076-13-06.220W
CHANGE	Little Choptank River Light 13 to FIG 2.5s, 15FT, 3M at			CGD05 at 38-33-00.512N	076-13-06.220W
12264	33rd Ed.	01-APR-16	Last LNM: 25/16	NAD 83	27/16
<i>ChartTitle: Chesapeake Bay Patuxent River and Vicinity</i>					
CHART MD- CHESAPEAKE BAY: PATUXENT RIVER AND VICINITY. Page/Side: N/A					
RELOCATE	Little Choptank River Light 13			CGD05 from 38-33-00.334N to 38-33-00.512N	076-13-06.206W 076-13-06.220W
CHANGE	Little Choptank River Light 13 to FIG 2.5s, 15FT, 3M at			CGD05 at 38-33-00.512N	076-13-06.220W
12266	31st Ed.	01-OCT-13	Last LNM: 17/16	NAD 83	27/16
<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	Little Choptank River Light 13			CGD05 from 38-33-00.334N to 38-33-00.512N	076-13-06.206W 076-13-06.220W
CHANGE	Little Choptank River Light 13 to FIG 2.5s, 15FT, 3M at			CGD05 at 38-33-00.512N	076-13-06.220W
12270	37th Ed.	01-DEC-15	Last LNM: 21/16	NAD 83	27/16
<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					
DELETE	"BELL" from Eastern Bay Lighted Bell Buoy 2A at			CGD05 38-50-33.347N	076-18-12.964W
12277	36th Ed.	01-OCT-14	Last LNM: 25/16	NAD 83	27/16
<i>ChartTitle: Chesapeake and Delaware Canal</i>					
CHART DE-MD-NJ-CHESAPEAKE AND DELAWARE CANAL. Page/Side: N/A					
RELOCATE	Reedy Island Anchorage Buoy A			CGD05 from 39-33-15.810N to 39-32-15.810N	075-33-08.900W 075-33-08.900W
12281	56th Ed.	01-JUL-16	Last LNM: 18/16	NAD 83	27/16
<i>ChartTitle: Baltimore Harbor</i>					
Main Panel 640 BALTIMORE HARBOR. Page/Side: A					
NEW EDITION	Scale 1: 15,000; New Edition (56 ed, 07/01/16) due to numerous Notice to Mariner changes, various general changes This NOAA chart is now available in both the Print-on Demand and digital raster formats. See http://nauticalcharts.noaa.gov/mcd/dole.htm for details.			NOS --	--
RELOCATE	Northwest Harbor Channel Lighted Buoy 2NH			CGD05 from 39-15-31.386N to 39-15-31.678N	076-34-14.873W 076-34-14.260W
RELOCATE	Northwest Harbor Channel Lighted Buoy 3			CGD05 from 39-15-37.336N to 39-15-37.102N	076-34-32.287W 076-34-32.273W
RELOCATE	Northwest Harbor Channel Lighted Buoy 5			CGD05 from 39-15-57.361N to 39-15-56.731N	076-34-33.354W 076-34-33.408W
12285	42nd Ed.	01-AUG-15	Last LNM: 26/16	NAD 83	27/16
<i>ChartTitle: Potomac River; District of Columbia</i>					
CHART MD-VA-DC- POTOMAC RIVER. Page/Side: N/A					
RELOCATE	St. Jerome Creek Daybeacon 4A			CGD05 from 38-07-11.478N to 38-07-11.679N	076-20-32.328W 076-20-32.254W

ChartTitle: Delaware River Smyrna River to Wilmington

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

RELOCATE Reedy Island Anchorage Buoy A

CGD05

from 39-33-15.810N
to 39-32-15.810N075-33-08.900W
075-33-08.900W**SECTION V - ADVANCE NOTICES**

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

SUMMARY OF ADVANCED APPROVED PROJECTS**Approved Project(s)**

None

Project Date**Ref. LNM****Advance Notice(s)****MD/VA – POTOMAC RIVER – DAHLGREN MIDDLE DANGER ZONE**

In consultation with the US Navy, the Coast Guard will relocate Line of Fire Buoy Q (LLNR 17590) to help mariners better identify the Naval Surface Warfare Center Dahlgren Middle Zone boundary (as described in 33 CFR 334.230). While the boundary is mostly marked, the point at 38-19-06N, 076-57-06W, which lies between Potomac River Channel Light 33 (LLNR 17710) and Line of Fire Buoy O (LLNR 17585), is unmarked. Line of Fire Buoy Q will be relocated to mark that boundary point, on or about July 18, 2016.

Chart 12286

LNM: 25/16

MD/VA - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY AID TO NAVIGATION CHANGES

Due to waterway constraints the Coast Guard's local construction tender has been unable to access the below listed fixed aids to navigation for maintenance. On or about July 25, 2016 the Coast Guard will convert the following fixed aids to navigation to floating aid to navigation.

4.5

(LLNR 4871) Isle Of Wight Bay Light 14 to Isle Of Wight Bay Lighted Wreck Buoy WR14
 (LLNR 5010) Sinepuxent Bay Channel Light 4 to Sinepuxent Bay Channel Lighted Wreck Buoy WR4
 (LLNR 5045) Sinepuxent Bay Channel Daybeacon 11A to Sinepuxent Bay Channel Lighted Wreck Buoy WR11A
 (LLNR 5070) Sinepuxent Bay Channel Wreck Light WR16 to Sinepuxent Bay Channel Lighted Buoy WR16
 (LLNR 5075) Sinepuxent Bay Channel Daybeacon 17 to Sinepuxent Bay Channel Lighted Wreck Buoy WR17
 (LLNR 5135) Sinepuxent Bay Channel Daybeacon 35 to Sinepuxent Bay Channel Lighted Buoy 35
 (LLNR 5145) Sinepuxent Bay Channel Light 39 to Sinepuxent Bay Channel Lighted Wreck Buoy WR39
 (LLNR 5200) Chincoteague Bay Light 28 to Chincoteague Bay Lighted Buoy 28
 (LLNR 5220) Chincoteague Bay Light 21 to Chincoteague Bay Lighted Buoy 21
 (LLNR 5235) Chincoteague Bay Daybeacon 19 to Chincoteague Bay Lighted Wreck Buoy WR19
 (LLNR 5420) Chincoteague Bay Channel Daybeacon 4 to Chincoteague Bay Channel Lighted Wreck Buoy WR4
 (LLNR 5425) Chincoteague Bay Channel Daybeacon 6 to Chincoteague Bay Channel Buoy 6
 (LLNR 5430) Chincoteague Bay Channel Light 8 to Chincoteague Bay Channel Lighted Wreck Buoy WR8
 (LLNR 5445) Chincoteague Bay Channel Light 12 to Chincoteague Bay Lighted Wreck Buoy WR12
 (LLNR 5450) Chincoteague Bay Channel Daybeacon 14 to Chincoteague Bay Buoy 14
 (LLNR 5455) Greenbackville Light 1 to Greenbackville Lighted Wreck Buoy WR1
 (LLNR 5487) Chincoteague Bay Daybeacon 20 to Chincoteague Bay Lighted Wreck Buoy WR20.

Chart 12211

LNM: 26/16

VA - VIRGINIA INSIDE PASSAGE - CHANGES TO AIDS TO NAVIGATION

This notice updates the Advance Notice Published on March 7, 2016.

On or about the week of July 11, 2016, the Coast Guard will make changes to the Virginia Inside Passage. The following changes will occur:

Virginia Inside Passage Warning Daybeacon AA (LL 5520) - Discontinue
 Virginia Inside Passage Light 2 (LL 5525) - Discontinue
 Establish Wallops Island Lighted Buoy 2 (LL 5525) at position 37-53-38.480N, 075-24-55.800W; FI R 2.5s
 Virginia Inside Passage Warning Daybeacon (LL 5528) - Discontinue
 Virginia Inside Passage Warning Daybeacon A (LL 5530) - Discontinue
 Virginia Inside Passage Daybeacon 2A (LL 5531) - Discontinue
 Virginia Inside Passage Warning Daybeacon B (LL 5533) - Discontinue
 Virginia Inside Passage Light 3 (LL 5535) - Discontinue
 Establish Wallops Island Lighted Buoy 3 (LL5531) at position 37-53-43.750N, 075-25-43.470W; FI G 2.5s
 Establish Wallops Island Lighted Buoy 4 (LL 5535) at position 37-53-37.040N, 075-26-02.950W; FI R 2.5s
 Virginia Inside Passage Light 4 (LL 5540) - Discontinue
 Establish Wallops Island Lighted Buoy 5 (LL 5540) at position 37-53-31.670N, 075 26 46.110W; FI G 2.5s
 Virginia Inside Passage Light 5 (LL 5545) - Discontinue
 Establish Wallops Island Lighted Buoy 6 (LL 5545) at position 37-53-27.650N, 075-27-03.030W; FI R 2.5s
 Virginia Inside Passage Daybeacon 6 (LL 5547) - Discontinue
 Establish Wallops Island Lighted Buoy 7 (LL 5647) at position 37-53-16.290N, 075 27 26.510W; FI G 4s
 Establish Wallops Island Lighted Buoy 7A (LL 5610) at position 37-53-06.020N, 75-27-48.170W; FI G 2.5s
 Virginia Inside Passage Daybeacon 9 (LL 5615) - Discontinue

Establish Wallops Island Buoy 9 (LL 5615) at position 37-52-40.130N, 075-27-49.780W
Establish Wallops Island Buoy 11 (LL 5620) at position 37 52 27.240N, 075-27-52.650W
Virginia Inside Passage Daybeacon 11 (LL 5620) - Discontinue
Establish Wallops Island Buoy 12 (LL 5622) at position 37-52-21.820N, 075-27-52.770W
Virginia Inside Passage Daybeacon 12 (LL 5622) - Discontinue
Establish Wallops Island Buoy 13 (LL 5625) at position 37-52-00.320N, 075-28-09.070W
Virginia Inside Passage Daybeacon 13 (LL 5625) - Discontinue
Rename Virginia Inside Passage Daybeacon 14 (LL 5630) to Wallops Island Warning Daybeacon A (LL 5630)
Virginia Inside Passage Daybeacon 16 (LL 5635) - Discontinue
Virginia Inside Passage Daybeacon 17 (LL 5640) - Discontinue
Virginia Inside Passage Daybeacon 19 (LL 5645) - Discontinue
Virginia Inside Passage Daybeacon 20 (LL 5650) - Discontinue

Charts: 12210 12211

LNLM: 10/16

VA – CHESAPEAKE BAY - WOLF TRAP TO PUNGOTEAGUE CREEK – HUNGAR CREEK – NANDUA CREEK – AID TO NAVIGATION CHANGES

Due to waterway constraints the Coast Guard's local construction tender has been unable to access the below listed fixed aids to navigation for maintenance. On or about July 25, 2016 the Coast Guard will convert the following fixed aids to navigation to floating aid to navigation.

(LLNR 21605) Hungar Creek Daybeacon 2 to Hungar Creek Lighted Wreck Buoy WR2
(LLNR 21615) Hungar Creek Daybeacon 5 to Hungar Creek Lighted Wreck Buoy WR5
(LLNR 21784) Nandua Creek Channel Daybeacon 8 to Nandua Creek Channel Buoy 8
(LLNR 21792) Nandua Creek Channel Daybeacon 9 to Nandua Creek Channel Buoy 9
(LLNR 21820) Nandua Creek Channel Daybeacon 17 to Nandua Creek Lighted Wreck Buoy WR17
(LLNR 21825) Nandua Creek Channel Daybeacon 19 to Nandua Creek Buoy 19
(LLNR 21830) Nandua Creek Channel Daybeacon 21 to Nandua Creek Buoy 21.

Charts: 12225 12226

LNLM: 26/16

VA – ELIZABETH RIVER AND YORK RIVER – NOAA BUOY RELOCATION

On or about 17 Jun 2016, the National Oceanic and Atmospheric Administration will relocate NOAA Lighted Buoy "N" from the Elizabeth River to York Spit, off the entrance to the York River. Its characteristics will remain the same except its lettering will change from "N" to "YS." This will disestablish NOAA Lighted Buoy N (LLNR 9930) from position 36-50-50.246N, 076-18-01.740W and establish NOAA Lighted Buoy YS (LLNR 13457), in approximate position 37-12-30.0N, 076-16-06.0W.

Charts: 12221 12253

LNLM: 25/16

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE SOUND TO NEW RIVER – BUOY RELOCATIONS AND ESTABLISHMENTS

Due to the encroaching shoal in Bogue Sound – New River (Browns Inlet), the Coast Guard will be relocating or establishing the following aids to navigation in the approximate positions listed below on or about June 29, 2016. These relocations and establishments will allow the Coast Guard to mark best water and better align the aids to navigation with the natural channel.

Relocate:

Bogue Sound – New River Buoy 60 (LLNR 39217) to approximate position 34-35-55.31N/077-14-29.36W

Bogue Sound – New River Buoy 61A (LLNR39223) to approximate position 34-35-54.62N/077-14-30.01W

Establish:

Bogue Sound – New River Buoy 60A (LLNR 39219) in approximate position 34-35-52.48N/077-14-33.17W

Bogue Sound – New River Buoy 61B (LLNR 39224) in approximate position 34-35-51.60N/077-14-33.05W

Bogue Sound – New River Buoy 70 (LLNR 39290) in approximate position 34-33-07.877N/077-20-34.488W

Charts: 11541 11542

LNLM: 26/16

NC – NEUSE RIVER TO MYRTLE GROVE SOUND - CAROLINA BEACH INLET – BUOY RELOCATIONS

Due to the encroaching shoal in Carolina Beach Inlet, the Coast Guard will be relocating the following aids to navigation to the approximate positions listed below on or about June 29, 2016. These relocations will allow the Coast Guard to mark best water and better align the aids to navigation with the new natural channel.

Carolina Beach Inlet Buoy 1 (LLNR 30265) to approximate position 34-04-48.07N/077-51-46.59W

Carolina Beach Inlet Buoy 2 (LLNR 30270) to approximate position 34-04-49.52N/077-51-45.97W

Carolina Beach Inlet Buoy 3 (LLNR 30275) to approximate position 34-04-52.30N/077-51-59.91W

Carolina Beach Inlet Buoy 4 (LLNR 30280) to approximate position 34-04-52.56N/077-51.57.98W

Carolina Beach Inlet Buoy 5 (LLNR 30285) to approximate position 34-04-55.15N/077-52-08.42W

Carolina Beach Inlet Buoy 7 (LLNR 30290) to approximate position 34-04-55.54N/077-52-18.10W.

NC – MYRTLE GROVE TO CAPE FEAR RIVER - NEW RIVER - CAPE FEAR RIVER - AID TO NAVIGATION CHANGE

On or about June 29, 2016 the Coast Guard will change New River – Cape Fear River Light 163 (LLNR 39825) to New River – Cape Fear River Lighted Buoy 163 (LLNR 39825) in approximate position 34-03-04.744N/ 077-55-08.715W.

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)**COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES**

Periodically, the Coast Guard, evaluates the system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard, the Coast Guard is evaluating changes in aids to navigation as noted in the below articles. Users can provide feedback by filling out the District 5 Waterway Proposals data/feedback form, located at the NAVCEN D5 LNM website: 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

******DE/NJ - DELAWARE RIVER – CHERRY ISLAND RANGE REACH TO BELLEVUE RANGE REACH - CHANGES TO BUOYAGE AND ESTABLISHMENT OF LIGHTED BUOY******

As part of the Coast Guards proposals to change the naming convention and numbering of the lateral Aids to Navigation (buoys and lights) marking the Delaware River Main Channel, and changes to Aids to Navigation to support the 45ft deepening projects, the below listed changes are proposed. The new naming conventions and numbering will eliminate letter suffixes associated with reaches and ranges, as the Aids will be numbered sequentially for the entire length of the Delaware River Channel, similar to the naming conventions for the Lower Delaware Bay Aids and Upper Delaware River Aids.

--Buoys are located 50 feet outside channel limits--

Cherry Island Range Lighted Bell Buoy 1C (LLNR 2965) – Remove bell and change to Delaware River Lighted Buoy 27

Cherry Island Range Lighted Buoy 2C (LLNR 2970) - Changed to Delaware River Lighted Buoy 28

Cherry Island Range Lighted Buoy 3C (LLNR 2995) – Change to lighted buoy and change to Delaware River Lighted Buoy 29

Cherry Island Range Junction Lighted Bell Buoy CR (LLNR 3020) – Remove bell and change to lighted buoy and change to Delaware River Lighted Buoy 30

Cherry Island Range Buoy 5C (LLNR 3025) – Change to Delaware River Buoy 31

Cherry Island Range Buoy 7C (LLNR 3035) – Change to Delaware River Buoy 33

Cherry Island Range Buoy 4C (LLNR 3030) – Relocate to position 39°44'09.00"N, 75°29'53.77"W, change to lighted buoy and rename to Delaware River Lighted Buoy 34

Cherry Island Range Buoy 9C (LLNR 3040) –Change to Delaware River Buoy 35

Establish Delaware River Lighted Buoy 36 at position 39°44'25.68"N, 75°29'43.14"W

Bellevue Range Lighted Buoy 2B (LLNR 3045)- Relocate to position 39°44'50.56"N, 75°29'27.15"W, and change name to Delaware River Lighted Buoy 38

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 02 August 2016 to be considered in the analysis. Refer to project number 05-16-095(D) .

Send comments to tiffany.a.johnson@uscg.mil or CGD5Waterways@uscg.mil, or

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

Attn: LCDR Johnson

431 Crawford Street

Portsmouth, VA 23704

VA - CHINCOTEAGUE BAY AND SINEPUXENT BAY - PROPOSAL TO DISCONTINUE TEMPORARY BUOYS

The Coast Guard is presently marking missing fixed aids to navigation with temporary unlighted buoy; TRUB, and due to waterway constraints the local construction tender can no longer access these areas for maintenance. The Coast Guard is soliciting comment on discontinuing the following TRUB's; temporary unlighted buoys:

5037-Sinepuxent Bay Channel Daybeacon 10A (TRUB)

5105-Sinepuxent Bay Channel Daybeacon 27 (TRUB)

5120-Sinepuxent Bay Channel Daybeacon 29 (TRUB)

5205-Chincoteague Bay Daybeacon 26 (TRUB)

5215-Chincoteague Bay Daybeacon 23 (TRUB)

5477-Chincoteague Bay Channel Daybeacon 16A (TRUB)

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 August 1, 2016 to be considered in this analysis. Refer to project number 05-16-096(D)

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

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

Chart 12211

LNM: 26/16

VA – YORK RIVER – ABERDEEN CREEK - PROPOSAL TO DISCONTINUE WARNING DAYBEACONS

In 2002 the lateral aids to navigation marking Aberdeen Creek where converted to non-lateral aids due to sever shoaling. These waterway conditions have not improved and a review of the most recent survey data has confirmed that the Coast Guard's Construction Tender still cannot access this waterway for maintenance of the aids to navigation. The Coast Guard is proposing discontinuing the five (5) the Aberdeen Creek Warning Daybeacons and will have the single pile wood structures, removed by contract.

Aids to be discontinued and removed are Aberdeen Creek:

(LL 13890) Warning Daybeacon 37 20 12.517N—76 35 34.832W

(LL 13895) Warning Daybeacon 37 20 17.491N—76 35 28.620W

(LL 13900) Warning Daybeacon A 37 20 24.325N—76 35 34.602W

(LL 13905) Warning Daybeacon 37 20 31.957N—76 35 35.280W

(LL 13910) Warning Daybeacon B 37 20 36.517N—76 35 34.832W

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

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

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

All comments will be carefully considered and are requested prior to July 11, 2016 to be considered in the analysis. Please reference project 05-16-088(D).

Chart 12243

LNM: 24/16

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE - PROPOSAL TO REMARK MILFORD HAVEN EAST (THE HOLE IN THE WALL)

Due to continuing shoaling in the Milford Haven East waterway; locally known as The Hole in the Wall, the majority of the aids to navigation are not marking best water. This shoaling has also limited the servicing vessels the Coast Guard can use to take corrective action. The Coast Guard is proposing the following changes to the aids to navigation marking Milford Haven East:

Change Milford Haven East Light 3 (LLNR 14580) to Milford Haven East Daybeacon 3

Change Milford Haven East Light 5 (LLNR 14590) to Milford Haven East Daybeacon 5

Change Milford Haven East Light 6 (LLNR 14593) to Milford Haven East Warning Daybeacon A

Rename Milford Haven East Warning Daybeacon (LLNR 14595) to Milford Haven East Warning Daybeacon B

Establish Milford Haven East Buoy 7 (No LLNR) at 37 27 47.030N—76 15 13.650W

Rename Milford Haven East Buoy 6A (LLNR 14594) to Milford Haven East Buoy 8

Rename Milford Haven East Light 8 (LLNR 14600) to Milford Haven East Warning Daybeacon C

Establish Milford Haven East Buoy 9 (No LLNR) at 37 28 02.500N—76 15 45.600W

Rename Milford Haven East Light 9 (LLNR 14605) to Milford Haven East Daybeacon 11

Establish Milford Haven East Buoy 13 (No LLNR) at 37 28 04.950N—76 15 58.340W

Rename Milford Haven East Light 11 (LLNR 14610) to Milford Haven East Warning Daybeacon D

Rename Milford Haven East Daybeacon 12 (LLNR 14615) to Milford Haven East Daybeacon 14

Rename Milford Haven East Light 14 (LLNR 14620) to Milford Haven East Daybeacon 16212238

Establish Milford Haven East Buoy 18 (No LLNR) at 37 27 58.560N—76 16 17.400W

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 July 11, 2016 to be considered in the analysis. Please reference project 05-

16-082(D).

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

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

Charts: 12235 12238

LNM: 27/16

VA – NEWPORT NEWS TO JAMESTOWN ISLAND AND WARWICK RIVER – AIDS TO NAVIGATION DISCONTINUED

Warwick River Daybeacon 2 (LL 11525) and Jamestown Island Daybeacon 2 (LLNR 11995) were both destroyed and due depth restrictions the structures cannot be rebuilt. The Coast Guard is proposing discontinuing the both aids. 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 June 20, 2016 to be considered in the analysis. Please reference project 05-16-080(D).

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

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

Charts: 12245 12248

LNM: 22/16

******MD – ASSATEAGUE ISLAND – TEMPORARY AIDS TO NAVIGATION ESTABLISHED******

In preparation for this year's annual Pony Swim scheduled for 27 and 29 July, 2016, eleven yellow special purpose buoys will be established to assist with spectator watercraft control for this event as published in 33 CFR 100.501. Upon completion of the event the temporary aids will be removed.

- a. Assateague Channel Buoy A 37-54-50.130N 075-23-01.300W
- b. Assateague Channel Buoy B 37-54-49.850N 075-22-59.960W
- c. Assateague Channel Buoy C 37-54-49.440N 075-22-58.550W
- d. Assateague Channel Buoy D 37-54-49.080N 075-22-57.180W
- e. Assateague Channel Buoy E 37-54-48.740N 075-22-56.050W
- f. Assateague Channel Buoy F 37-54-59.160N 075-22-47.370W
- g. Assateague Channel Buoy G 37-54-57.720N 075-22-47.650W
- h. Assateague Channel Buoy H 37-54-56.280N 075-22-48.000W
- i. Assateague Channel Buoy I 37-54-54.780N 075-22-48.350W
- j. Assateague Channel Buoy J 37-54-53.430N 075-22-48.630W

To assist with egress and ingress of safety zone enforcement vessels six additional white buoys will be established in the following approximate positions:

North Side:

South Side

- | | |
|-------------------------|-------------------------|
| a. 37-54.99N 075-22.75W | a. 37-54.86N 075-23.03W |
| b. 37-54.97N 075-22.74W | b. 37-54.85N 075-23.02W |
| c. 37-54.96N 075-22.80W | c. 37-54.84N 075-23.02W |

Chart 12211

LNM: 27/16

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.

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

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

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

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

Charts: 12200 12205 12221 12222 12245 12254

LNM: 01/16

VA -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:

NC - NEW RIVER - FIRING EXERCISES

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

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

******DE/NJ – DELAWARE RIVER - TINICUM RANGE AND MARCUS HOOK RANGE - DREDGING AND ROCK REMOVAL - MAIN CHANNEL DEEPENING******

The Great Lakes Dock and Dredge Company will be mobilizing and commencing dredging operations starting 28 Jul 2016 between the Tinicum Range and Marcus Range in the Delaware River. The dredges New York and Texas and vessels Bering Dawn, Elizabeth, Kathryn, Brangas, Pelican State will be on site conducting operations through 15 March 2017. The drill barge Apache will mobilize to the site 13 November 2016 and commence blasting operations on 1 December 2016. Associated support equipment will be a tender tug and smaller security vessels. Blasting operations will occur 7 days a week once commenced. During blasting, temporary channel closures will be required and a minimum 1500ft security zone will be maintained. This operation will continue through 15 March 2017. Other activities on the project will include hydrographic survey operations, sturgeon monitoring and sturgeon trawling. For questions or comments please contact Timothy J. Kremer Project Manager, 630-750-5640, TJKremer@gldd.com

Chart 12312

LNM: 27/16

******DE/NJ – DELAWARE RIVER - COMMODORE BARRY BRIDGE INSPECTION******

Bridge inspections will be conducted on the Commodore Barry Bridge, over the Delaware River, from June 29 through June 30, 2016 and July 6 through July 8, 2016. Work will be conducted from the top of the bridge in the center navigational span of the bridge. The clearance of the center span will be reduced by 10ft. The working platform under the bridge will be able to move for approaching vessel traffic. Mariners are requested to contact the bridge crew via VHF-FM channel 13 or 16 prior to approaching the bridge to ensure movement of the platform. Mariners are advised to proceed with caution when transiting the area.

******DE/NJ – DELAWARE RIVER - COMMODORE BARRY BRIDGE INSPECTION******

Chart 12312

LNM: 27/16

******PA/NJ – DELAWARE RIVER – BENJAMIN FRANKLIN BRIDGE – EMERGENCY LIGHTING REPAIRS******

The Delaware River Port Authority (DRPA) will be performing emergency lighting repairs at I-676/US30 (Ben Franklin) bridge over Delaware River, mile 100.2, in Philadelphia, PA/Camden, NJ. The emergency lighting repairs will be conducted between June 26, 2016 and July 6, 2016; from 6 a.m. to 3:30 p.m. To facilitate the repairs, the integrated motorized traveler and/or maintenance platforms will be utilized and suspended from the bridge reducing the vertical clearance to 123.6 feet above mean water. Repair personnel, integrated motorized traveler, maintenance platforms, and vessels will relocate from the navigable channel, upon request. Vessels and repair personnel may be reached on VHF-FM channel 13 and channel 16. Mariners should notify repair personnel no less than 30 minutes prior to navigating the area and use caution when transiting the area.

Chart 12313

LNM: 27/16

PA/NJ – DELAWARE RIVER – DREDGING OPERATIONS

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 secured excavator and clamshell bucket, 2 hopper scows, 1 push boat, and 1 work boat will be in the vicinity of the dock area. All marine equipment will be monitoring VHF-FM channel 13 and 16. Work will be conducted from 6 am to 7 pm, Monday through Saturday. Mariners are advised to proceed with caution when transiting the area.

Chart 12313

LNM: 26/16

PA/NJ – DELAWARE RIVER- WALT WHITMAN BRIDGE – INSPECTION

An engineering firm, on behalf of Delaware River Port Authority, will be performing an underwater inspection at the I-76 (Walt Whitman) Bridge over Delaware River, mile 96.8, in Philadelphia, PA/Gloucester City, NJ. The inspection will be conducted between July 1, 2016 and July 16, 2016; Monday-Friday; from 8 a.m. to 4:30 p.m. A 20 ft. vessel and a diver will be operating under and in the vicinity of the bridge to provide access for the inspection. Inspection personnel, equipment and vessels will relocate from navigable channel, upon request. The vessel may be reached on VHF-FM channel 13. The project foreman can be reached at (856) 207-6004. Mariners are requested to notify the project foreman at least five minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12313

LNM: 26/16

******NJ – SANDY HOOK TO LITTLE EGG HARBOR - SHARK RIVER - DREDGING******

The Army Corps of Engineers dredge Currituck will be conducting dredging operations at the entrance of the Shark River Inlet, in Belmar, NJ, from July 1 to July 15, 2016. At no time will the navigational channel be closed for vessel traffic. Vessels approaching the entrance are requested to contact the dredge Currituck for safe passing arrangements via VHF-FM channel 13 or 16. Mariners should use extreme caution when transiting the area.

Chart 12324

LNM: 27/16

NJ- LITTLE EGG INLET TO HEREFORD INLET - GREAT EGG HARBOR INLET

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

Charts: 12316 12318

LNM: 26/16

******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

Chart 11520

LNM: 27/16

NJ – CAPE MAY HARBOR BRIDGE MAINTENANCE - LAFAYETTE ST./SHELLENGERS LANDING BRIDGE

An engineering firm, on behalf of the Cape May County Bridge Commission, will be performing maintenance at CR 633 (Lafayette St./Shellengers Landing) bridge over Cape Island Creek, mile 0.3, in Cape May, NJ. The maintenance will be conducted between May 23 and July 29, 2016; M-F; from 7 a.m. to 6 p.m. The maintenance team, intends to repair, rehabilitate the structure of the bridge, and will remove portions of the existing electrical and mechanical aspects of the old bascule bridge. A sectional barge will be in the vicinity of the navigable channel. Maintenance personnel, equipment will relocate from the navigable channel, upon request. The project foreman can be reached at (732) 558-0348. Mariners should use caution when transiting the area.

Chart 12317

LNM: 26/16

******NJ - CAPE MAY HARBOR – DREDGING******

Barnegat Bay Dredging will be conducting dredging operations in Cape May Harbor, in Cape May, NJ, from June 28 to July 22, 2016. Dredging will be conducted in the main navigational channel and dredge pipeline will be submerged in marked locations when crossing the navigational channel near Spicers Creek. Floating dredge pipe will be located in the north side of the harbor near Cape May Harbor Daybeacon 13 (LLNR 36760). Work vessels will monitor vhf-fm channel 13 and 16 and to make safe passing arrangements. At no time will the waterway be closed for vessel traffic. Mariners are requested to maintain a low speed to reduce wake in the area and are advised to proceed with caution when transiting the area.

Chart 12317

LNM: 27/16

MD – BALTIMORE HARBOR – DREDGING

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.

Chart 12281

LNM: 25/16

MD – CHESAPEAKE BAY - CHESTER RIVER – LOVE POINT FISH HAVEN

On or about 11 – 15 Jul 2016, Contractors working with the Maryland Department of Natural Resources, Fisheries Service will be deploying artificial reef material in the Love Point Fish Haven in the Chesapeake Bay approximately 2 miles north of Kent Island. Below are the corner points of the fish haven.

NW Corner: 39°4.024'N / 76°17.504'W

SW Corner 39°3.949'N / 76°17.543'W

NE Corner: 39°04.047'N / 76°17.263'W

SE Corner: 39°03.950'N / 76°17.270'W

The material will be deployed from a stationary barge with a clamshell dredge. Address any comments or questions to Michael Malpezzi, Artificial Reef Coordinator, Maryland Department of Natural Resources, Fisheries Service, 410-260-8290.

Chart 12272

LNM: 25/16

MD – CHESAPEAKE BAY – SEVERN AND MAGOTHY RIVERS - BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at US 50 (John Hanson Hwy) Bridge over Severn River, mile 4.3, in Annapolis, MD. The inspections will be conducted between April 11, 2016 and June 30, 2016; from 7 a.m. to 5 a.m.

A barge will perform inspections weekdays from the hours of 7 a.m. to 5 p.m. A snooper truck will be performing inspections weeknights from 10 p.m. to 5 a.m. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The barge may be reached on VHF-FM channel 13. The project foreman can be reached at 202-270-5807 or 571-212-9266 or 443-243-4067. Mariners are requested to notify the project foreman fifteen minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12282

LNM: 14/16

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 7. 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-HONGA, NANTICOKE, WICOMICO RIVER AND FISHING BAY-WICOMICO RIVER-TONYTANK CREEK

Hazard to navigation. The Coast Guard has rcvd a report of a pipe structure with a red triangle mounted on it in the mouth of Tonytank Creek, approximate position 38-20.6N 075-37.8W marking a submerged obstruction in approximately 2-3' of water. All mariners are urged to exercise caution while transiting the area.

Chart 12261

LNM: 25/16

******VA – CHESAPEAKE BAY – CHESAPEAKE BAY BRIDGE TUNNEL******

On behalf of the Chesapeake Bay Bridge and Tunnel District, Versar Inc will be conducting in-water benthic sampling. The surface sediment benthic sampling will be performed outside of all navigation channels. All samples are located west of the Chesapeake Bay Bridge and Tunnel Portal Island Nos. 1 and 2 and within

approximately 700 feet of the islands. Twenty sediment samples will be collected from a 25 foot vessel, and all sample locations are outside of the main and auxiliary navigation channels. The survey is planned to commence between August 1 and August 15, 2016, and it is anticipated the work will be completed in two days (weather dependent) during this time frame. All sampling will be performed during daylight hours. Should your agency have any questions or comments regarding this proposed activity please contact 757-331-2960.

Charts: 12221 12222

LNM: 27/16

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, 28 June 2016. Between the hours of 9:00 am and midnight.

Naval Anchorage Area A and B, 29 June 2016. Between the hours of 4:00 pm and midnight.

Naval Anchorage Area A and B, 04 - 08 July 2016. Between the hours of 8:00 am and 4:00 pm.

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

Naval Anchorage Area A, 28 Jun 2016. Between the hours of 9:00 am and 3:00 pm.

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

Charts: 12222 12254

LNM: 20/16

******VA – ELIZABETH RIVER – NAVAL STATION NORFOLK******

Naval Station Norfolk will conduct training exercises July 12-15 and 18-19, 2016 along the waterfront of Naval Station Norfolk. The exercises will take place between 8:00 am and 5:00 pm in the Elizabeth River in approximate position 36 56' 30" N, 76 20' 05"W, 36 56' 50"N, 76 20' 05"W, in the

******VA – ELIZABETH RIVER – NAVAL STATION NORFOLK******

vicinity of Piers 5 to 7. The exercise will include vessels from the NAVSTA Harbor Security Unit and Atlantic Targets. Mariners may contact the units on VHF-FM channels 82 and 69.

Chart 12245

LNM: 27/16

VA – JAMES RIVER-JAMESTOWN ISLAND TO JORDAN POINT BRIDGE MAINTENANCE

An engineering firm, on behalf of Newport News Waterworks, will be performing maintenance at Pipeline Bridge over Diascund Creek, mile 3.8, in Newport News (Lanexa), VA. The 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.

Chart 12251

LNM: 25/16

******VA – CHESAPEAKE BAY – YORK RIVER – TEMPORARY MOORING BUOYS******

On or about July 1, Corman Marine will establish 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. The buoys will be discontinued on or about January 1, 2017. Ten of the buoys will be north of the York River Channel, approximately 1500 yards south of Allens Island. The two buoys south of the channel will be located approximately 500 yards west of the northern entrance to Goodwin Thorofare Channel. All buoys will be white with a blue stripe. When not occupied by a vessel, the buoys will be outfitted with slow flashing white lights.

Allens Island Mooring Buoy A 37-14-38N, 076-27-00W
Allens Island Mooring Buoy B 37-14-38N, 076-26-44W
Allens Island Mooring Buoy C 37-14-38N, 076-26-30W
Allens Island Mooring Buoy D 37-14-32N, 076-26-10W
Allens Island Mooring Buoy E 37-14-31N, 076-25-53W
Allens Island Mooring Buoy F 37-14-32N, 076-25-37W
Allens Island Mooring Buoy G 37-14-37N, 076-25-22W
Allens Island Mooring Buoy H 37-14-41N, 076-25-08W
Allens Island Mooring Buoy I 37-14-45N, 076-24-50W
Allens Island Mooring Buoy J 37-14-49N, 076-24-35W
Goodwin Neck Mooring Buoy A 37-13-42N, 076-25-28W
Goodwin Neck Mooring Buoy B 37-13-42N, 076-25-18W.

Chart 12241

LNM: 26/16

VA - SHOALING IN THE RUDEE INLET CHANNEL

The City of Virginia Beach Survey of Rudee Inlet, dated May 9, 2016 indicates shoaling across the channel from approximately 25 feet east of the east ends of the jetties extending out eastward approximately 185 feet. Least depths range from 10.0 feet to 7.5 feet MLLW.

Charts: 12205 12207 12208 12221

LNM: 10/16

VA/NC – EMERGENCY BRIDGE OPERATING SCHEDULE, NORFOLK TO ALBEMARLE SOUND – NORTH LANDING RIVER OR GREAT DISMAL SWAMP

The S165 Bridge across the North Landing River, mile 20.2, at Chesapeake, VA has sustained damage and will not be capable of normal operation until October 1, 2016. The north span of the bridge is fully operational and the south span of the bridge is limited in operational capability. 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 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 and 10:30 a.m. for vessels transiting northwest; Saturday and Sunday. 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.

Chart 12206

LNM: 12/16

NC - ROANOKE SOUND - MANTEO, NC - SUBMARINE CABLE INSTALLATION

Beginning April 21, 2016 Crofton Diving Corporation will be installing a submarine cable on the east side of Manteo, NC crossing Roanoke Sound to Nags Head, NC. The cable will be buried and operations will be taking place between the following two locations: 35° 56'03.07N and 75° 41'27.53W & 35° 57'08.55N and 75° 37'58.76W. The project is scheduled to end on July 20, 2016, installation operations will include cable laying operations utilizing commercial divers and general marine construction. Barges & vessels will be moored on site with divers working over the side. The construction equipment will be confined to the barges with small crew boats working in the vicinity. Work will be conducted during daylight hours only. All floating equipment will be clear of navigable channel sections of the waterway at the end of each day. Vessels are requested to proceed in this area with caution and causing no wake. Crofton's crews will be monitoring the following radio frequencies: VHF channel 13 & 16 or by telephone at (757) 418-1308.

Chart 12204

LNM: 17/16

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

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

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 – CAPE HATTERAS – SOUTH FERRY TERMINAL – SHOALING

An area of shoaling has been reported in vicinity of South Ferry Terminal Buoys 1SF (LLNR 28699.1), 2SF (LLNR 28700), 5SF (LLNR 28705), and 6SF (LLNR 28707) in the South Ferry Channel, Hatteras Inlet. Depths have been reported to be as low as 3.7ft at mean lower low water. Mariners are urged to use caution when transiting this area.

Chart 11555

LNM: 25/16

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.

Chart 11545

LNM: 12/16

NC – ALBERMARLE SOUND TO SUNSET BEACH – ATLANTIC INTRACOASTAL WATERWAY (AICW) – BRIDGE REPLACEMENT

The purpose of this notice is to notify mariners, adjacent property owners, and government agencies that the North Carolina Department of Transportation proposes to replace the NC 50/210 (Topsail Island) Bridge at AICW mile 260.7, at Surf City, Pender County, NC. Presently, in the closed position to vessels, the charted vertical clearance of the existing drawbridge is 13 feet above mean high water (MHW) and unlimited vertical clearance in the full open position, with 92 feet of horizontal clearance between the fenders. The proposed replacement would be a fixed bridge that will provide a vertical clearance of 65 feet above MWH, with a horizontal clearance of 120 feet. The bridge piers would be designed for vessel impact with no fender system to be constructed. Comments should be forwarded to the above address attention (dpb) no later than July 8, 2016. Copies of Public Notice 5-1364 which describes the proposal in detail can be obtained by calling (757) 398-6227 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.

Chart 11541

LNM: 24/16

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

On or about July 1, 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 September 1. The three-foot diameter buoy is white and blue, with a slow flashing yellow light. Masonboro Island Research Buoy A FI Y 4S 34-09-56.2 N, 077-49-21.9 W.

Chart 11520

LNM: 26/16

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
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SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
2641	Reedy Island Anchorage Buoy A	39-32-15.810N 075-33-08.900W				Yellow can.	27/16	
		*						
18812	St. Jerome Creek Daybeacon 4A	38-07-11.679N 076-20-32.254W				TR on pile.	27/16	
		*						
21330	<i>Northwest Harbor Channel Lighted Buoy 2NH</i> 75 feet outside channel limit.	39-15-31.678N 076-34-14.260W	Q R		4	Red.	Replaced by nun when endangered by ice.	27/16
		*						
21335	<i>Northwest Harbor Channel Lighted Buoy 3</i> 75 feet outside channel limit.	39-15-37.102N 076-34-32.273W	Q G		4	Green.	Replaced by can when endangered by ice.	27/16
		*						
21340	<i>Northwest Harbor Channel Lighted Buoy 5</i>	39-15-56.731N 076-34-33.408W	FIG 4s		4	Green.	27/16	
		*						
24755	LITTLE CHOPTANK RIVER LIGHT 13	38-33-00.512N 076-13-06.220W	FIG 2.5s	15	3	SG on pile.	27/16	
		*						
26010	<i>Eastern Bay Lighted Buoy 2A</i>	38-50-33.347N 076-18-12.964W	FIR 4s		4	Red.	Replaced by nun when endangered by ice.	27/16
		*						
28650	<i>Hatteras Inlet Lighted Buoy 4</i>	35-10-45.397N 075-46-18.866W	FIR 2.5s		4	Red.	27/16	
		*						
28653	<i>Hatteras Inlet Lighted Buoy 5</i>	35-10-42.606N 075-46-24.399W	FIG 2.5s		4	Green.	27/16	
		*						
39597	New River - Cape Fear River Buoy 121	34-14-59.495N 077-46-56.525W				Green can with yellow square.	27/16	
		*						

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. Map of Absecon Inlet showing GLDD Staging areas.
 8. Harris Creek Oyster Reef Restoration sites.
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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

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 - 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 Warning Day beacon AA (LLNR 5520) to VIP Day beacon 121 (LLNR 5990), Shoaling to less than 6ft MLW. LNM 24-13

VIP Day beacon 19 (LLNR 5645) to VIP Light 80 (LLNR 5850), Shoaling to less than 6ft MLW. LNM 24-13

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 the 3 feet has been reported in Queen Creek from Queen Creek Entrance Light 2QC (LLNR 13785) to Queen Creek Day beacon 10 (LLNR 13820). HR BNM 170-14

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

VA - RUDEE INLET CHANNEL (Charts 12205, 12207, 12208 and 12221)

The City of Virginia Beach Survey of Rudee Inlet, dated March 2, 2016 indicates shoaling across the channel from the approximate East ends of the jetties extending out eastward approximately 240 feet. Least depths range from 6.6 feet to 5.6 feet MLLW. Ref LNM 05/16

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 – INTRACOASTAL WATERWAY - 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 8.34

Shoaling to 3.7ft at mean lower low water has been reported in vicinity of South Ferry Terminal Buoys 1SF (LLNR 28699.1), 2SF (LLNR 28700), 5SF (LLNR 28705), and 6SF (LLNR 28707) in the South Ferry Channel, Hatteras Inlet.

NC – INTRACOASTAL WATERWAY - 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 – INTRACOASTAL WATERWAY - 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 (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 – 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 – 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 D5 BRIDGE PERMITS/REGULATIONS/CONSTRUCTION

(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** –
Broad Creek – Norfolk Southern Swing Bridge - Effective on June 27, 2016, the Coast Guard is changing the drawbridge operating regulation of the Norfolk Southern Railroad Bridge over Broad Creek, at mile 8.0, in Laurel, DE. This change alters the current regulation requiring a four advance notice and allows the bridges to remain in the closed position for the passage of vessels. A copy of the Docket USCG-2015-1101 published in the Federal Register on May 27, 2016 as a final rule.
- **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)** -
Black Narrows & Lewis Creek Channel – SR 175 (bascule) Bridge – The Coast Guard modified the operating schedule that governs the SR 175 Bridge across Lewis Channel and Black Narrows, mile 3.5 at Chincoteague, VA. The change eliminates the need for the current operating schedule and returns the bridge to open on demand. The change does not include the last consecutive Wednesday and Thursday in July for the annual Pony swim. A copy of the Docket USCG-2014-0483 published in the Federal Register on April 11, 2016 as a final rule.

SECTOR NORTH CAROLINA

- **North Carolina** - None

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.

Potomac River – Arlington Memorial Bridge - Mariners are advised that emergency concrete and steel repairs will be conducted from August 17, 2015 until July 1, 2016. Work will be completed from a barge anchored in and around the navigable channel and will be relocated outside the channel during non-working hours. The bridge has a vertical clearance of 30 feet at MHW and a horizontal clearance of 142 feet when unobstructed. Mariners should exercise extreme caution when transiting the area.

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.

Chester River - S213 (MD213) Bridge - The bridge will be maintained in the closed-to-navigation position between 6 a.m. on February 22, 2016 until 6 p.m. on July 31, 2016 to facilitate a bridge stringer replacement project. During the closure period the bridge will be able to open for emergencies, if at least six hours notice is given. The vertical clearance of the bridge in the closed position is 12 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 caution when transiting the area.

Severn River - US 50 (John Hanson Hwy) Bridge - Inspections will be conducted between April 11, 2016 and June 30, 2016; from 7 a.m. to 5 a.m. A barge will perform inspections weekdays from the hours of 7 a.m. to 5 p.m. A snooper truck will be performing inspections weeknights from 10 p.m. to 5 a.m. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The barge may be reached on VHF-FM channel 13. The project foreman can be reached at 202-270-5807 or 571-212-9266 or 443-243-4067. Mariners are requested to notify the project foreman fifteen minutes prior to navigation through the area and should use caution when transiting the area.

Curtis Creek - SR 173 (Pennington Avenue) Bridge - Inspections will be conducted between May 16, 2016 and June 30, 2016; Monday- Friday from 9 a.m. to 3 p.m. The inspection team will perform inspections of the upper portions of the bridge by snooper truck and the lower portion of the piers by work vessel. Inspection personnel, equipment will relocate from the movable span and navigable channel, upon request. The work vessels will be monitoring VHF-FM channels 13 and 16. The project foreman can be reached at (443) 834-6291. Mariners should notify the project foreman at least twenty minutes prior to navigation through the area and should use caution when transiting the area.

- **Washington DC –**

Potomac River – Arlington Memorial Bridge - Mariners are advised that emergency concrete and steel repairs will be conducted from August 17, 2015 until July 1, 2016. Work will be completed from a barge anchored in and around the navigable channel and will be relocated outside the channel during non-working hours. The bridge has a vertical clearance of 30 feet at MHW and a horizontal clearance of 142 feet when unobstructed. Mariners should exercise extreme caution when transiting the area.

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.

Washington Channel – Francis Case Bridge - Scaffolding will be installed on the bridge from December 5, 2015 until August 1, 2016. The charted vertical clearance of the bridge is 18 feet above mean high water and the scaffolding will restrict the vertical clearance by 4 feet, leaving a vertical clearance of 14 feet available. Red quick flashing lights will be installed every 10 feet to mark the edge of the scaffolding. Mariners should exercise extreme caution when transiting the area.

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**

Brandywine Creek - Smiths Bridge Road bridge - Maintenance will be conducted between June 1, 2016 and July 15, 2016; Monday-Friday, from 7 a.m. to 5 p.m. A work access platform will be positioned below the bridge while abrasive blasting and painting occur. The project foreman can be reached at (410) 599-6522 or (302) 290-3824. Mariners should use caution when transiting the area.

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

Delaware River – Commodore Barry (fixed) Bridge – To facilitate painting, work will continue until March 2016. 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). 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.

ICW – Manahawkin Bay – State Route 72 (fixed) Bridges – Construction work will continue from December 2015 through February 2016 in the vicinity of the existing and new Route 72 Bridges. The existing navigation channel will remain clear during the project except from December 10, 2015 until December 24, 2015 when the channel width will be restricted by 30 feet for a lighted work barge. The bridge will have a 55 feet vertical clearance above mean high water (MHW) over the navigational channel and a 100 feet horizontal clearance between fender systems when complete. The construction operations will include removal of work trestles, fender installation, and lighting installation. Tugboats and barges will be used and will monitor VHF Channel 13 in the event that mariners need to contact the contractor. Mariners should use extreme caution when transiting the area.

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

Cape Island Creek - CR 633 (Lafayette St./Shellengers Landing) bridge - Maintenance will be conducted between May 23, 2016 and **July 29, 2016**; M-F; from 7 a.m. to 6 p.m. The maintenance team, intends to repair, rehabilitate the structure of the bridge, and will remove portions of the existing electrical and mechanical aspects of the old bascule bridge. A sectional barge will be in the vicinity of the navigable channel. Maintenance personnel, equipment will relocate from the navigable channel, upon request. The project foreman can be reached at (732) 558-0348. Mariners should use caution when transiting the area.

Delaware River - I-676/US 30 (Ben Franklin) Bridge - Inspections will be conducted between June 9, 2016 and July 1, 2016; from 6:30 a.m. to 5 p.m., Monday through Friday. Inspections will be performed by a movable maintenance platform (traveler) and a 24 ft. vessel with a dive team operating under and in the vicinity of the bridge. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channel 13 and (609) 744-1800. The project foreman can be reached at (908) 461-1296 or (215) 264-6009. Mariners are requested to notify the project foreman thirty minutes prior to navigating through the area and should use caution when transiting the area.

Mullica River - Green Bank Bridge (Green Bank Road/CR563) - Urgent repairs of the bridge operating machinery require the bridge to be maintained in the closed-to-navigation position from 7:30 a.m. on June 20, 2016 through 3:30 p.m. on June 23, 2016. The vertical clearance of the bridge in the closed position is 5 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so at any time. The bridge will not be able to open for emergencies and there is no immediate alternate route for vessels to pass. Mariners should use caution when transiting the area.

Delaware River - I-676/US30 (Ben Franklin) Bridge - Emergency lighting repairs will be conducted between June 26, 2016 and June 30, 2016; from 6 a.m. to 3:30 p.m. To facilitate the repairs, the integrated motorized traveler and/or maintenance platforms will be utilized and suspended from the bridge reducing the vertical clearance to 123.6 feet above mean water. Repair personnel, integrated motorized traveler, maintenance platforms, and vessels will relocate from the navigable channel, upon request. Vessels and repair personnel may be reached on VHF-FM channel 13 and channel 16. Mariners should notify repair personnel no less than 30 minutes prior to navigating the area and use caution when transiting the area.

Pennsylvania –

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

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

Delaware River - SR 1002 (Skinners Falls) bridge - Maintenance will be conducted between May 5, 2016 and July 15, 2016; from 7 a.m. to 5 p.m. Monday-Friday. During the repair and rehabilitation of the bridge, the vertical clearance of the bridge will be reduced to 26 feet at ordinary high water and directional buoys will be positioned in the channel to aid mariners to safely navigate through the bridge. The project foreman can be reached (570) 963-4013. Mariners should use caution when transiting the area.

Delaware River - I-676/US 30 (Ben Franklin) Bridge - Inspections will be conducted between June 9, 2016 and July 1, 2016; from 6:30 a.m. to 5 p.m., Monday through Friday. Inspections will be performed by a movable maintenance platform (traveler) and a 24 ft. vessel with a dive team operating under and in the vicinity of the bridge. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channel 13 and (609) 744-1800. The project foreman can be reached at (908) 461-1296 or (215) 264-6009. Mariners are requested to notify the project foreman thirty minutes prior to navigating through the area and should use caution when transiting the area.

Delaware River - I-676/US30 (Ben Franklin) Bridge - Emergency lighting repairs will be conducted between June 26, 2016 and June 30, 2016; from 6 a.m. to 3:30 p.m. To facilitate the repairs, the integrated motorized traveler and/or maintenance platforms will be utilized and suspended from the bridge reducing the vertical clearance to 123.6 feet above mean water. Repair personnel, integrated motorized traveler, maintenance platforms, and

vessels will relocate from the navigable channel, upon request. Vessels and repair personnel may be reached on VHF-FM channel 13 and channel 16. Mariners should notify repair personnel no less than 30 minutes prior to navigating the area and 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.

Mattox Creek – Route 205/James Monroe Highway (fixed) Bridge – Work is in progress through July 1, 2016 to complete demolition and replacement the existing fixed highway bridge, with a new two-lane fixed highway bridge on the same alignment. The new bridge will have a vertical clearance of 4.7 feet above mean high water, along with a horizontal clearance of 49.5 feet between piles.

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.

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/>.

Croatan 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). Draft Vessel Height Survey Report in review.

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

******DE/NJ – DELAWARE RIVER - TINICUM RANGE AND MARCUS HOOK RANGE - DREDGING AND ROCK REMOVAL - MAIN CHANNEL DEEPENING****** (Chart 12312)

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

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 – ABSECON INLET – DEMOBILIZATION WORK (Chart 12316)

Great Lakes Dredge & Dock Company is continuing its demobilization work off shore and in Absecon Inlet until **15 July 2016**. Work consists of the retrieval and towing of floating steel pipeline from offshore areas on the north side of Corson's Inlet to the staging areas in Absecon Inlet. If you have any questions contact John D. Huit, Project Manager, 630-207-5196, JDHuit@gldd.com. Ref LNM 23/16

NJ – BARNEGAT INLET – BEACH HAVEN INLET – LONG BEACH ISLAND (Chart 12323)

Great lakes dredging will be continuing dredging operations off Long Beach Island from April 16, until late **June 30, 2016**. There will be submerged dredge piping between the following coordinates:

39 32 48.21 N 74 15 01.20 W (Beach landing subline #1)

39 32 05.57 N 74 13 24.11 W (Seaward end subline #1)

39 34 08.84 N 74 13 47.19 W (Beach landing subline #2)

39 34 20.11 N 74 13 00.10 W (Seaward end subline #2)

Below are the coordinates encompassing the burrow area:

39 34 59.12 N 74 13 17.33 W

39 34 37.11 N 74 12 17.55 W

39 31 08.35 N 74 13 18.55 W

39 31 48.46 N 74 15 52.15 W

Ref LNM 16/16

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 – BALTIMORE HARBOR – FT MCHENRY – SEAGIRT – BREWERTON EASTERN EXTENSION – CRAIGHILL CHANNELS – DREDGING (Chart 12280)

Mariners are advised that Great Lakes Dredge and Dock Company dredges DREDGE 54 AND DREDGE 55 have begun dredging operations within the Fort McHenry, Seagirt, Brewerton Eastern Extension and Craighill Channels, with a completion date expected on or about **12 July, 2016**. Ref LNM 08/16

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 – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – BALTIMORE HARBOR – MARINE CONSTRUCTION PROJECT (Chart 12281)

Pier rebuilding project at Dundalk Marine Terminal Berth 4 in Baltimore, MD until **July 2016**. Ref. LNM 30/14

MD - CHESAPEAKE BAY - SUSQUEHANNA RIVER - BRIDGE REPAIRS (Chart 12274)

Blastech Enterprises, will be conducting repairs, cleaning, and painting on the Millard E. Tydings Memorial Bridge on I-95, at mile 3.2, over Susquehanna River in Havre De Grace, MD, from April 15, 2015 through **15 August, 2016**. Ref LNM 11/15

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

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 will be white with a blue stripe, with slow flashing white lights. Ref LNM 26/16

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 – CHERRYSTONE INLET CHANNEL – DREDGING Chart 12224

The Dredge Rockbridge 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 – CHESAPEAKE BAY – NORFOLK HARBOR – DREDGING (Chart 12253)

Cottrell Contracting Corporation of Chesapeake, VA dredge LEXINGTON will be conducting dredging operations in various locations within the Norfolk Harbor Federal Channel through **01 July, 2016**. Ref LNM 49/15

VA – CHESAPEAKE BAY – ELIZABETH RIVER – DREDGING OPERATIONS (Chart 12245)

Dredge ROCKBRIDGE will be conducting dredging operations in various locations within the Elizabeth River between Elizabeth River Lighted Buoy 7 (LLNR 8475) and Elizabeth River Channel Lighted Buoy 25 (LLNR 9710) until **15 July, 2016**. Ref LNM 22/16

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 – 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 from Skiffes Creek Channel Lighted Buoy 2 (LLNR 11725) to the innermost dock at Joint Base Langley-Eustis. 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 **July 31, 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/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 - ROANOKE SOUND - MANTEO, NC - SUBMARINE CABLE INSTALLATION (Chart 12204)

Crofton Diving Corporation will be installing submarine cable on the east side of Manteo, NC crossing Roanoke Sound to Nags Head, NC from 21 April to **20 July 2016** daylight hours only. Operations will be taking place between: 35° 56'03.07N and 75 ° 41'27.53W & 35° 57'08.55N and 75 ° 37'58.76W. Barges & vessels will be moored on site with divers working over the side. Crofton's crews will be monitoring the following radio frequencies: VHF channel 13 & 16 or (757) 418-1308. Ref LNM 17/16

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 – (AICW) - PASQUOTANK RIVER - US 158 BRIDGE CONSTRUCTION (Chart 12206)

Mariners are advised that Archer Western Contractors, LLC will be extending bridge construction at US 158 Bridge in Elizabeth City, North Carolina to end approximately **July 1st, 2016**. Ref LNM 05/16

NC – CROATAN SOUND –DARE COUNTY - BRIDGE CONSTRUCTION

Mariners are advised to take caution and proceed slowly when approaching the construction site of the fender replacement on Bridge #9 across the Croatan Sound in Dare County on US64 Business, Old Mann's Harbor Bridge. May 2, through **August 15, 2016** during daylight hours. Ref LNM 11/16

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 – KINDER MORGAN PIER – CONSTRUCTION (Chart 11537)

Precon Marine will commence construction on the Kinder Morgan pier, beginning on February 29th 2016. The project will continue until approximately **July 1st, 2016**. Ref LNM 09/16

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 D5 MARINE EVENTS/FIREWORKS DISPLAYS

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

Mariners are advised that, as described in the Table to Title 33 Code of Federal Regulations Section 100.506, the following safety zones are established for fireworks displays planned within the Coast Guard Captain of the Port Maryland-National Capital Region Zone during the 2016 Independence Day holiday period:

Patuxent River, Calvert County, MD, within a 200 yard radius of the fireworks barge located at 38°19'17" N, 076°27'45" W, approximately 800 feet from shore at Solomons Island, MD. This safety zone will be enforced **on July 8, 2016**, from 8 p.m. to 10 p.m. for a fireworks display scheduled at approximately 9:15 p.m. Chart 12284.

Potomac River, Charles County, MD, within a 300-yard radius of the fireworks barge in approximate position 38°19'57" N, 077°14'40" W, located north of the shoreline at Fairview Beach, Virginia. This safety zone will be enforced **on July 9, 2016**, from 8:30 p.m. to 11 p.m. (no rain date) for a fireworks display scheduled for 10 p.m. Chart 12288.

Upper Potomac River, Alexandria Channel, Washington, DC, within a 300-yard radius of the fireworks barge in approximate position 38°48'40" N, 077°02'07" W, located near the waterfront of Alexandria, Virginia. This safety zone will be enforced **on July 9, 2016**, from 8:30 p.m. to 11 p.m. (with a rain date of July 10, 2016) for a fireworks display scheduled for approx. 9:30 p.m. Chart 12289.

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

NC/VA/MD – INTRACOASTAL WATERWAY – CHESAPEAKE BAY – POTOMAC RIVER - OPERATION PHOENIX

Operation Phoenix is a paddle board event which started in Corpus Christi TX on March 5, 2016 and will end in New York City Harbor on **July 23, 2016**. The event will consist of 2 paddleboards approximately 14 feet in length, 1 Sea Doo and 1 safety boat approximately 24 feet in length transiting the waters of the Intracoastal Waterway from the SC/NC state line through the Chesapeake Bay and Potomac River to Washington DC. Additional information on the transit will be posted as the event progresses to New York. A safety boat will monitor VHF-FM Channel 16. For additional information, mariners can contact Tonia Collins at (910) 633-9578 or use this link to track the progress of the event: <https://www.boteboard.com/operation-phoenix/>

MD – CHESAPEAKE AND DELAWARE CANAL AND HEAD OF CHESAPEAKE BAY – POKER RUN

The annual "Thunder in the City" poker run is scheduled to occur in the upper Chesapeake Bay on Saturday, **July 23, 2016**, between 10 a.m. and 5 p.m. Several high-performance power boats will depart Chesapeake City, MD, transiting westbound in the Chesapeake and Delaware Canal and southbound in the Chesapeake Bay to planned stops at Stillpond Creek, Tolchester Marina, Kent Island (Hemmingway's Marina) and Tolchester Marina, before returning to Chesapeake City, 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 - SUSQUEHANNA RIVER – SWIM EVENT

The swim segment of the annual "Diamond in the Rough" triathlon is scheduled to occur in the Susquehanna River on **July 9, 2016**, from 8 a.m. to 10 a.m. Up to 800 swimmers will compete in wave starts, on a marked course with a start and finish at Stump Point (Perryville Community Park), located at Perryville, MD. Participants will be supported by sponsor-provided watercraft. Safety patrol vessels on scene can be contacted on marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12274

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 – APPROACHES TO BALTIMORE HARBOR – PATAPSCO RIVER – SAILING REGATTA

The annual distance sailboat race is scheduled to occur in the Approaches to Baltimore Harbor and Patapsco River on **July 16, 2016**, from 10 a.m. to 6 p.m. Approximately 50 sail boats (24 to 50 feet in length) will compete on a designated course located between Baltimore Light (LLNR 8035) and Fells Point at Baltimore, MD. More information can be obtained at 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 Baltimore, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Charts 12278, 12281

MD – CHESAPEAKE BAY – CHESTER RIVER – REGULATED AREA

The "25th Annual Maryland Swim for Life" is scheduled to occur on the Chester River on Saturday, **July 9, 2016**, from 8 a.m. to 1 p.m. Approximately 250 swimmers will operate on a course marked with large yellow inflatable buoys, located along the east side of the river parallel to the shoreline, between Rolph's Wharf and a position 2-1/2 miles upriver. Swimmers will start and finish at Rolph's Wharf, and will be supported by sponsor-provided kayaks and motorized launches. As described in Title 33 CFR Section 100.501, a regulated area is established for all waters of the Chester River, shoreline to shoreline, bounded on the south by a line drawn at latitude 39°10'16" N near Chester River Channel Buoy 35 (LLN-26795) and bounded on the north at latitude 39°12'30" N by the Maryland SR-213 highway bridge at Chestertown, MD. The regulated area will be enforced from 7:30 a.m. to 1:30 p.m. on July 9, 2016. The effect will be to restrict vessel traffic on certain waters of the Chester River. The Coast Guard Patrol Commander may forbid and control the movement of all vessels in the regulated area. Coast Guard vessels enforcing this regulated area can be contacted on marine band radio VHF-FM channel 16. When hailed or signaled by an official patrol vessel, a vessel in the 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. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693
Chart 12272

MD – CHESAPEAKE BAY – 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 – OVERNIGHT SAILING RACE

The "EYC Boomerang Overnight Race" sail race is scheduled to occur on the Chesapeake Bay, beginning at approximately 5:30 p.m. on July 9, 2016 and ending at 12 p.m. (Noon) on **July 10, 2016**. The overnight distance race with up to 90 participating sailboats (30-80 ft in length) will start and finish at Annapolis, MD and take place in the Chesapeake Bay between the Wm. P. Lane, Jr. (US-50/301) Memorial Bridges and Cove Point, MD. Interested mariners may contact the Eastport Yacht Club's Race Committee during the start and finish on the marine band radio VHF-FM channels 16 and 72. For any comments or questions contact Coast Guard Sector Baltimore, 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: April 23 (*Spring One Design*), April 29-May 1 (*NOOD Regatta*); May 14 (*Spring Harbor Regatta*), May 21-22 (*U.S. Sailing Match Race Qualifier*); June 11 (*Annual Regatta and Annual Regatta Distance Race*), June 18-19 (*CRAB Cup*); July 7 (*Junior Annual Regatta*), July 16-17 (*Free State Team Race*), 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 – SOUTH RIVER – FIREWORKS DISPLAY

An annual fireworks display is scheduled to occur along the South River near Brewer Point on **July 10, 2016** (rain date of July 11, 2016) at 9:30 p.m. Mariners are urged to remain at least 100 yards from the fireworks discharge barge moored at the end of a private pier located at Cape Loch Haven at Edgewater, MD. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.
Chart 12270.

MD – CHESAPEAKE BAY – CHOPTANK RIVER AND HERRING BAY – CHOPTANK RIVER – SAILING REGATTA

An annual sailing regatta is scheduled to occur in the Choptank River during **July 22-24, 2016**, at Cambridge, MD, as follows: on Friday, up to 50 sailing dinghies will compete along a designated course located adjacent to the Cambridge Yacht Club from 5 p.m. to 6 p.m.; on Saturday, up to 75 sailboats will compete on a designated course located between the Sen. Frederick C. Malkus Jr. (US-50) Bridge and Choptank River Channel Daybeacon 19A (LLNR 24970) from 10 a.m. to 4 p.m.; on Sunday, approximately 15 sailboats will compete in a distance race from Cambridge, MD to Oxford, MD from 12 Noon to 2 p.m. Interested mariners can contact the Cambridge Yacht 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 12266

VA - CHESAPEAKE BAY - HORSESHOE - YORK SPIT - TAIL OF THE HORSEHOE

The Cruising Club of Virginia will be hosting the CCV 2016 Moonlight Triangle Race on the Chesapeake Bay, beginning near Fort Monroe, heading north to York Spit, continuing on to the Chesapeake Bay Bridge Tunnel and returning to Fort Monroe in Hampton, VA. This event will begin at 4 p.m. on July 23, 2016 and end at 1 a.m. on **July 24, 2016**. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - ONANCOCK - OCCOHANNOCK

The Pungoteague Ruritan Club will host the Bayside Poker Run on July 30, 2016 from 10 a.m. to 5 p.m. This event will include Bayside Creeks, Onancock, Pungoteague, Nandua and Occohannock Creek. Mariners are requested to use caution and bare steerage when transiting the area.

MD - CHESAPEAKE BAY - PATUXENT RIVER AND VICINITY - SAILING REGATTA

The Southern Maryland Sailing Association will sponsor its "Screwpile Lighthouse Challenge 2016" sailing regatta on the Chesapeake Bay and Patuxent River, during **July 15-17, 2016**, from 9 a.m. to 4 p.m. each day. Approximately 80 sailboats (23-40 feet in length) will participate. On Friday and Sunday, racing will occur within designated course areas located (1) between Drum Point and Little Cove Point, and (2) near Cedar Point. On Saturday, a point-to-point distance race will occur between Chesapeake Channel LB 72B (LLNR 7558) and Solomons Harbor, MD. The Chief Race Officer may be contacted on the vessel "Delfina" via marine band radio VHF-FM channels 72 and 69. For any comments or questions contact Coast Guard Sector Baltimore, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Chart 12270

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

VA - CHESAPEAKE BAY - HILLS BAY

The Fishing Bay Yacht Club's One Design Summer Sea Breeze, will occur on Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on **July 23, 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 One Design Laser Summer Regatta 2016, will occur on Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on **July 24, 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 J70 Summer Regatta 2016, will occur on the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on **July 30, 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 - HILLS BAY

The Fishing Bay Yacht Club's Leukemia Cup Regatta 2016, will occur on the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on July 9 and **July 10, 2016** beginning at 9 AM and ending at 5 PM, each day. Mariners are requested to use caution when transiting the area.
Chart 12235

VA - CHESAPEAKE BAY - JAMES RIVER - CHICKAHOMINY RIVER

The Rev3 Williamsburg Triathlon will occur in the Chickahominy River, in the vicinity of the Chickahominy Riverfront Park in Williamsburg, VA. This event will take place on **July 10, 2016** beginning at 6:00 a.m. and ending at 9:00 a.m. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - FLEETS BAY - INDIAN CREEK

The Indian Creek Yacht and Country Club's Junior Yacht sailboat regatta will occur on the Chesapeake Bay at the mouth of Indian Creek in Kilmarnock, VA. This event will take place on **July 22, 2016** beginning at 6:00 a.m. and ending at 6:00 p.m. Mariners are requested to use caution and bare steerage when transiting the area.

VA - CHESAPEAKE BAY - BUCKROE BEACH

Mariners are advised that the Tidewater Triathlon will be held on **July 16, 2016**. The swim will take place in the vicinity of Buckroe Beach, Hampton, VA beginning at 7:00 A.M. and ending at 8:00 A.M. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - HAMPTON ROADS - HAMPTON BAR

The Hampton Yacht Club will be hosting the Double Handed Race sailing race on **July 10, 2016** from 11 AM until 4 PM. Racing will take place in the vicinity of Hampton Roads and Hampton Bar in Hampton Roads, VA. 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's Tom Brady Masters Race sailboat race will occur in the vicinity of Hampton Roads and Hampton Flats in Hampton, VA. This event will take place on **July 30, 2016**, beginning at 11 a.m. and ending at 4 p.m. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - HAMPTON RIVER

The Hampton Bay Day will host the annual Freaky Kon-Tiki raft race in the Hampton River, in the vicinity of Mill Point Park, in Hampton, VA. This event will take place on **July 23, 2016**, beginning at 10:00 am and ending at 5:00 pm. Mariners are advised to use caution when transiting the area.

VA - CHESAPEAKE BAY - HAMPTON ROADS

The Norfolk Yacht and Country Club will be hosting the New Willoughby Challenge on **July 16, 2016** from 10 a.m. to 4 p.m. north of Craney Island located in Hampton Roads, VA. Mariners are advised to use caution while transiting the area.
Chart 12222

VA - CHESAPEAKE BAY - HAMPTON ROADS - ELIZABETH RIVER

The Mid Atlantic Powerboat Association's Powerboating for a Cure Poker Run 2016 will occur throughout Hampton Roads on **July 09, 2016**, starting at 10 AM and ending at 5 PM. Boats will be travelling from various points throughout the area, including Waterside Marina in Norfolk, Kingsmill in Hampton, Monitor Merrimac Marina in Hampton, Bluewater Marine in Hampton, Rudee Inlet and Long Bay Point in Lynnhaven Inlet. Mariners are requested to use caution when transiting the area.
Charts 12222, 12248

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 - SMITH MOUNTAIN LAKE

The Smith Mountain Lake Cardboard Boat Regatta will be held on **July 30, 2016** from 8 a.m. to 8 p.m. in the vicinity of the 4-H Center in Wirtz, VA. Mariners are advised to use caution while transiting the area.

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



WWM VIP SHOALING

**NOT TO BE USED
FOR NAVIGATION**

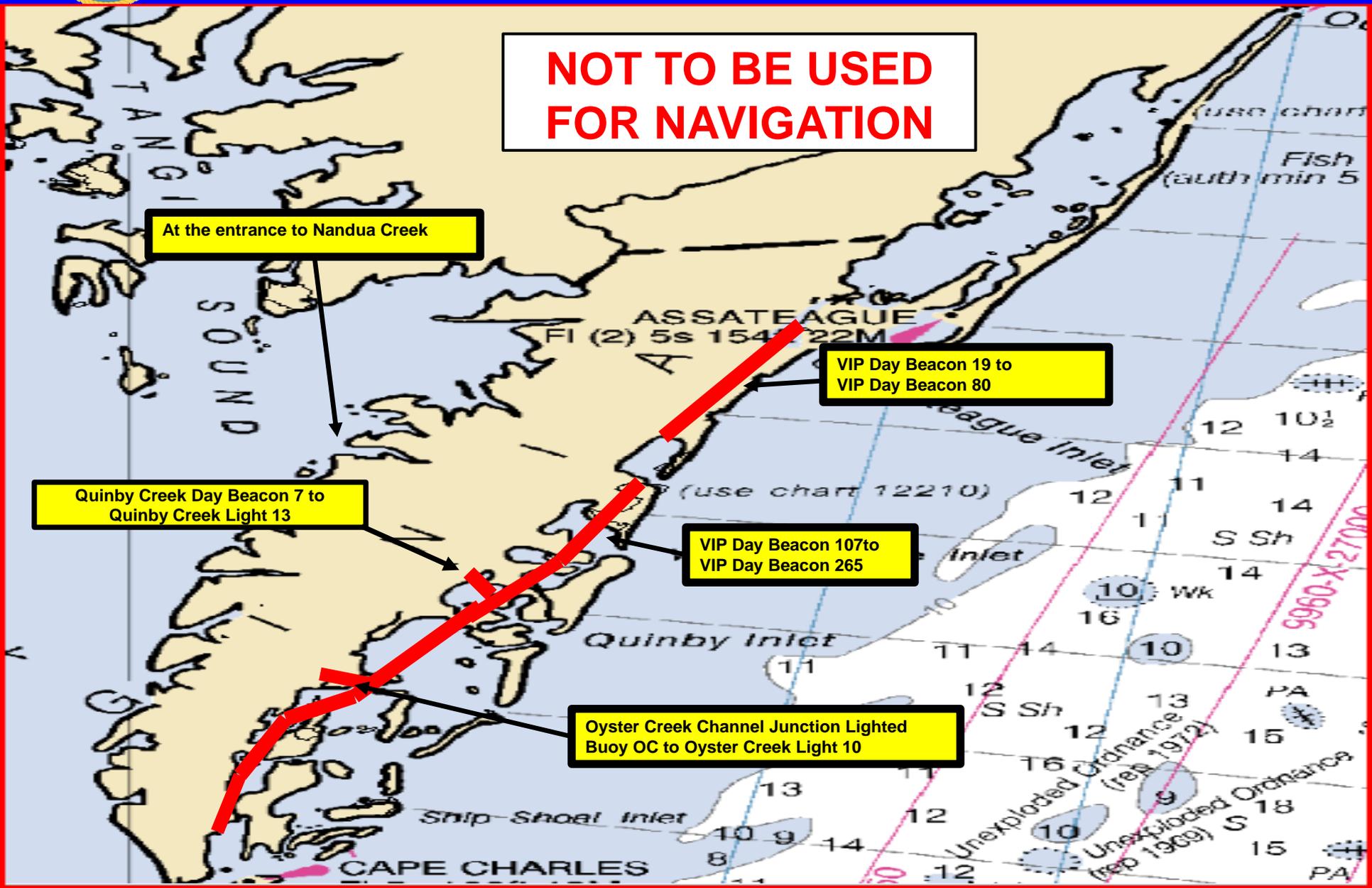
At the entrance to Nandua Creek

Quinby Creek Day Beacon 7 to
Quinby Creek Light 13

VIP Day Beacon 19 to
VIP Day Beacon 80

VIP Day Beacon 107 to
VIP Day Beacon 265

Oyster Creek Channel Junction Lighted
Buoy OC to Oyster Creek Light 10



	Waterway	Depth	Notes
1	Oregon Inlet	<10'	BNM 642-14, areas around Bonner Bridge.
2	Hatteras Inlet	< 7'	BNM 031-16, areas around South Ferry Terminal Channel 1SF & light 7; BNM 028-15, Hatteras Channel 9 to 12C
3	Ocracoke Inlet	< 12'	Shifting shoals ITVO Bigfoot Slough Channel buoy 10 & 11
4	Barden Inlet	< 12'	Shifting shoals
5	Beaufort Inlet	<25'	BNM 036-16, Range A & Cutoff Channels buoys 16 & 17 and 13 to 15.
6	Bogue Inlet	<10'	Shifting shoals ITVO Bogue Inlet Channel buoy 1 & 2
7	New River Inlet	< 10'	BNM 003-15, Shifting shoals
8	New Topsail Inlet	<12'	Shifting shoals
9	Masonboro Inlet	<12'	Shifting shoals
10	Carolina Beach Inlet	<12'	BNM 659-15/207-16, Inlet Channel Buoy 1 to 6
11	Lockwoods Folly Inlet	<10'	Shifting shoals
12	AICWW CFR - Little R	<12'	Unstable/shoaling in numerous areas
13	AICWW Beaufort - CFR	<12'	Unstable/shoaling in numerous areas
14	Core Sound	<12'	Significant shoaling
15	Pamlico Sound	<12'	Minimal shoaling
16	AICWW VA - Beaufort	<12'	Stable
17	Albemarle & Currituck Sounds	<12'	Minimal shoaling

NOTE: The conditions depicted on this drawing are not intended to replace nautical charts published by National Ocean Service, U.S. Coast Guard aids to navigation, or U.S. Coast Guard Notices to Mariners. This drawing is only to indicate the general conditions of the waterway and are not intended to be used for navigational purposes.

NOT TO BE USED FOR NAVIGATION



CG Sector North Carolina Waterways Conditions



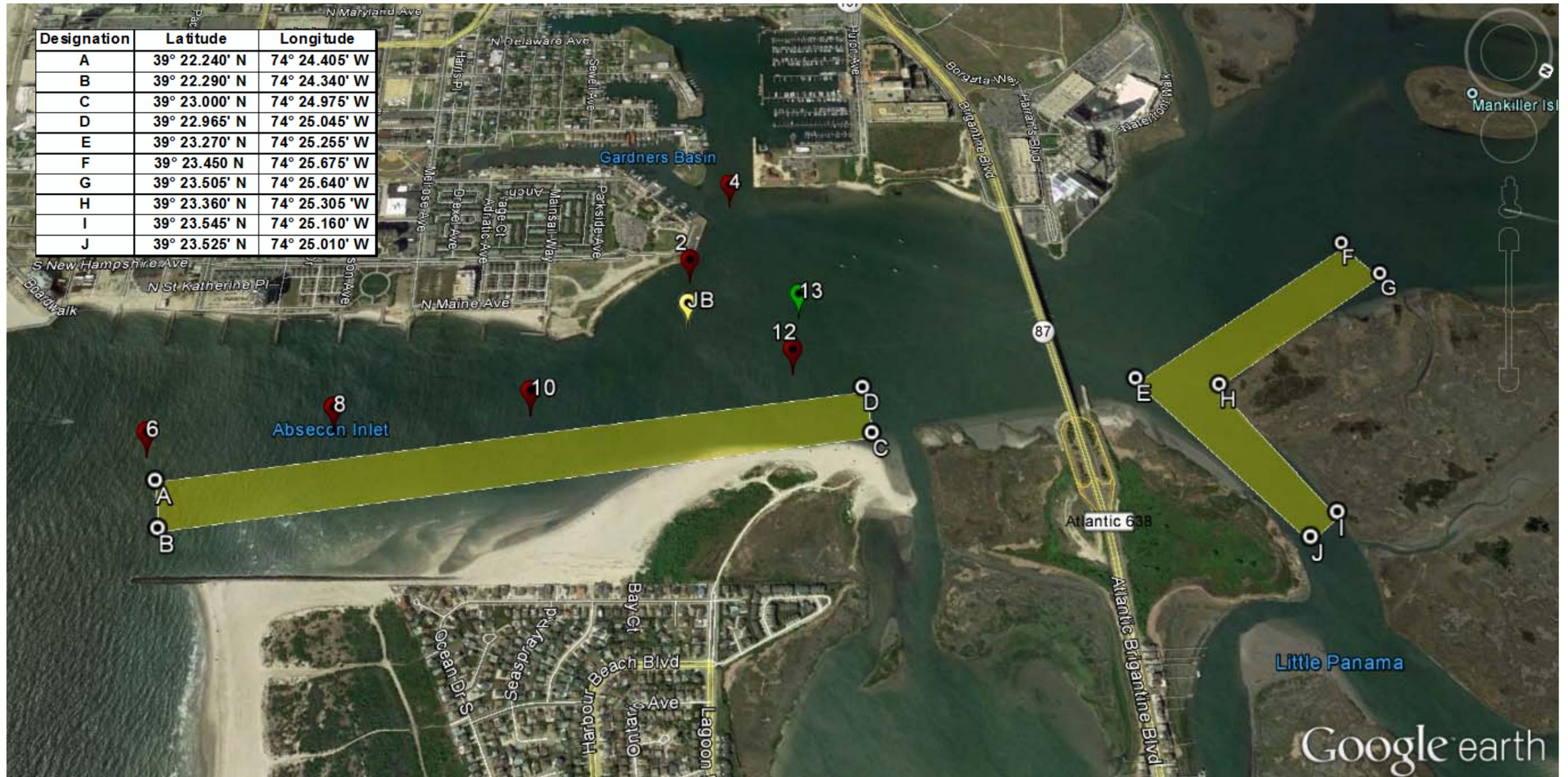
Mariners are encouraged to obtain the most recent U.S. Army Corps of Engineers Wilmington District hydrographic survey information, centerline waypoints & controlling depths at:

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

GLDD Absecon Inlet NTM Map

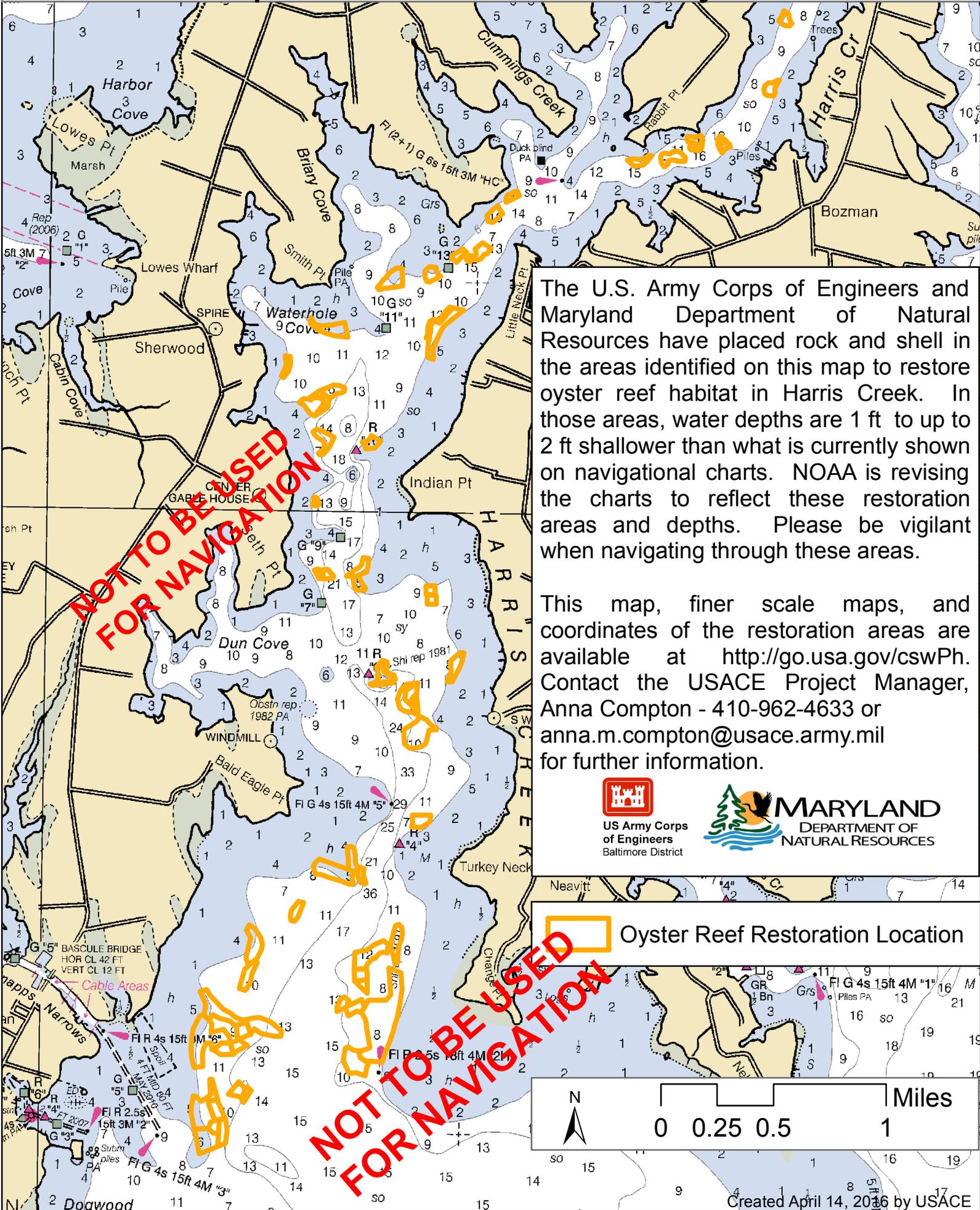
NOT TO BE USED FOR NAVIGATION

Designation	Latitude	Longitude
A	39° 22.240' N	74° 24.405' W
B	39° 22.290' N	74° 24.340' W
C	39° 23.000' N	74° 24.975' W
D	39° 22.965' N	74° 25.045' W
E	39° 23.270' N	74° 25.255' W
F	39° 23.450' N	74° 25.675' W
G	39° 23.505' N	74° 25.640' W
H	39° 23.360' N	74° 25.305' W
I	39° 23.545' N	74° 25.160' W
J	39° 23.525' N	74° 25.010' W



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

