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

LOCAL NOTICE TO MARINERS

District: 5 Week: 33/16

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&region=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 CAPTIAL 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://ocsdata.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&region=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//

ABBREVIATIONS

A through H

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

I through O

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

P through Z

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

Additional Abbreviations Specific to this LNM Edition: 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

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=lnmDistrict&region=5
To report any aids to navigation discrepancies (missing, damaged, off station, extinguished lights), shoaling, hazards to navigation, or discrepancies on bridge lighting, please contact Sector North Carolina Command Center (910) 343-2200.

LNM: 17/16

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

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

LNM: 13/16

ECDIS DATA PRESENTATION AND PERFORMANCE CHECK

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

LNM: 09/12

IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ECDIS

Following an announcement by the International Maritime Organization (IMO) concerning potential display anomalies in some ECDIS systems, the International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the anomalies. IHO has received reports from mariners confirming that a number of ECDIS fail to display some significant underwater features in the "Standard" display mode. For all significant objects to be visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available from the manufacturer. Mariners are strongly encouraged to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website (www.iho.int) to check the operation of their ECDIS and to determine whether their system is affected. IHO Circular Letter 33/2012 is available on the Coast Guard's Navigation Center website (http://www.navcen.uscg.gov) under the heading News and Notices.

LNM: 12/12

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

No person, shall take possession of or make use of for any purpose, or build upon, alter, deface, destroy, move, injure, obstruct by fastening vessels thereto or otherwise, or in any manner whatever impair the usefulness of any aid to navigation established and maintained by the United States. Recently several offshore NOAA data buoys parted their moorings and became adrift due to excessive strain on the mooring. These navigational data buoys collect valuable on scene weather data for all mariners. These buoys are anchored to the seabed, and some have a watch circle radius of over 1 nautical mile. Once the mooring is parted and the buoy is adrift only certain Coast Guard resources can reset the aid back on its intended station. Coordinating of resources to retrieve the buoy, and place it back on station is time consuming and

sometimes take weeks, thus valuable weather information cannot be obtained and relayed to mariners in need of it. Mariners are advised not to interfere with these aids to navigation and report any sightings of vessels tied off to them to the U.S. Coast Guard. Interference with or intentional damage to Aids to Navigation is a misdemeanor and shall be subject to a fine not exceeding the sum of $500 for each offense (33 CFR 70.0l).

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

LNM: 20/14

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

All mariners are advised of the special protections provided to sunken military craft by the “Sunken Military Craft Act” (SMCA) (Public Law 108-375). Along the U.S. East Coast, and particularly off North Carolina, there are many sunken U.S. and foreign military craft. Sunken military craft may be the final resting places of military personnel who died in service to their country and are also important historical resources. One very notable example is the wreck of the USS MONITOR, off the NC Coast, also protected by the National Marine Sanctuaries Act. Under international and U.S. law, sunken foreign military craft, including those located in U.S. waters, remain the property of their respective country’s government. Sovereign immune vessels, such as military crafts, are afforded protections under U.S. and international law. Included among these vessels are at least three known sunken German submarines (commonly called U-boats) located in waters off the North Carolina coast. These U-boats remain the property of the Federal Republic of Germany. In accordance with the SMCA, no person shall engage in or attempt to engage in any activity directed at a sunken military craft that disturbs, removes, or injures the sunken craft or the associated contents of the craft except as authorized by law. This includes, but is not limited to, the equipment, cargo, contents of the vessel, and the remains and personal effects of the crew and passengers. Mariners are urged to exercise due care when operating in the vicinity of military wrecks, as they can be damaged by both purposeful or inadvertent activities including anchoring, fishing, diving, and other marine activities. Special dangers, such as unexploded ordnance, may also be associated with sunken military craft, and should be considered when operating in these areas. Violations of the SMCA may subject individuals to penalties of up to $100,000 and to liability for damages. Mariners who witness theft of material from, disturbance of, or damage to a sunken military craft are asked to report it to the nearest U.S. Coast Guard unit.

LNM: 45/09

SAFETY NOTICE - NAVIGATIONAL RANGE STRUCTURES ON ELECTRONIC CHARTS

The U.S. Coast Guard has become aware that Coast Guard information used to depict a rangeline on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the rangeline on the ENC. Mariners are cautioned that the position of a rangeline as shown on an ENC may not reflect its true position.

LNM: 04/11

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER

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

NAUTICAL CHART UPDATES

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

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

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

BROADCAST NOTICES TO MARINERS

Navigation information having been of immediate concern to the Mariner and promulgated by the following Broadcast Notices to Mariners (BNMs) have been incorporated in this notice when still significant at the date of this publication.
CCGD5 (D5) - 362, 363, 364, 366, 367, 369 THRU 376-16.
Sector Delaware Bay (DB) - 306, 317, 319, 321, 325-16.
Sector Maryland National Capital Region (MD) - 288-16, 287-16, 286-16, 285-16, 284-16, 282-16, 281-16, 280-16, 279-16, 275-16, 273-16, AND 272-16.
Sector Hampton Roads (HR) - 269-16, 268-16, 267-16, 265-16, 264-16, 261-16, 259 -16, 258-16, 251-16, 247-16, 246-16, 239-16, 238-16, 232-16, 230-16, 226-16, 224-16.
Sector North Carolina (NC) - 394, 395, 396, 400, 401, 404, 405, 406, 408, 409, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423-16.

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
35	Little Egg Inlet Outer Lighted Whistle Buoy LE	TMK MISSING	12316	245DB	27/16	
120	Five Fathom Bank Lighted Buoy F	REDUCED INT/RAC INOP	12214	243DB	21/16	
155	Cape May Light	REDUCED INT	12316	251DB	26/16	
350	Cape Charles Light	LT EXT	12222	384HR	18/13	
570	Navy Air Combat Maneuvering Range Tower Light A	LT EXT	12200	413NC	32/16	
585	Navy Air Combat Maneuvering Range Tower Light G	LT EXT	12200	407NC	27/12	
640	Diamond Shoals Lighted Buoy 12	LT EXT	11555	263NC	22/16	
795	New Topsail Inlet Lighted Whistle Buoy NT	SINKING	11541	404NC	31/16	
865	Lockwoods Folly Inlet Lighted Whistle Buoy LW	OFF STA/REDUCED INT	11534	394NC	30/16	
1100	Little Egg Inlet Outer Lighted Whistle Buoy LE	TMK MISSING	12316	245DB	27/16	
1620	**Delaware Bay Main Channel Light 32**	**LT EXT**	**12304**	**321DB**	**33/16**	
2050	Harbor Of Refuge North End Light 1	STRUCT DMGD	12216	024DB	04/16	
2055	Delaware Bay East Icebreaker Light 2	STRUCT DEST/LT EXT	12216	186DB	20/16	
2065	Roosevelt Inlet Jetty Light 1R	DAYMK MISSING	12216	265DB	28/16	
2070	Roosevelt Inlet Jetty Light 2	DAYMK DMGD	12216	266DB	28/16	
2520	Baker Range Lighted Buoy 4B	LT EXT	12311	177DB	19/16	
3135	Marcus Hook Range Front Light	REDUCED INT	12312	306DB	32/16	
3290	Tinicum Range Rear Light	LT EXT	12313	168DB	19/16	

3800	Mud Island Upper Range Rear Light	REDUCED INT	12314	167DB	19/16
3820	Enterprise Lower Range Front Light	REDUCED INT	12314	141DB	15/16
3845	Enterprise Upper Range Rear Light	REDUCED INT	12314	140DB	15/16
4040	Upper Delaware River Channel Lighted Buoy 54	MISSING/LT EXT	12314	194DB	20/16
4150	Kinkora Upper Range Rear Light	LT EXT	12314	616DB	47/15
4375	Indian River Inlet South Jetty Light 3	DAYMK IMCH	12216	264DB	28/16
4785	Isle of Wight Bay Warning Buoy C	MISSING	12211	236MD	27/16
5205	Chincoteague Bay Daybeacon 26	STRUCT DEST/TRUB	12211	189MD	13/15
5215	Chincoteague Bay Daybeacon 23	STRUCT DEST/TRUB	12211	190MD	13/15
5220	**Chincoteague Bay Lighted Buoy 21**	**OFF STA**	**12211**	**NONEMD**	**33/16**
5235	Chincoteague Bay Daybeacon 19	STRUCT DEST/TRLB	12211	192MD	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	STRUCT DEST/TRLB	12211	192MD	13/15
5487	Chincoteague Bay Daybeacon 20	MISSING/TRLB	12211	258HR	16/15
5490	**Chincoteague Bay Lighted Buoy 21**	**OFF STA**	**12211**	**NONEMD**	**33/16**
5495	Chincoteague Bay Daybeacon 23	STRUCT DEST/TRUB	12211	190MD	13/15
5505	Chincoteague Bay Daybeacon 26	STRUCT DEST/TRUB	12211	189MD	13/15
5755	Virginia Inside Passage Daybeacon 49	STRUCT DEST	12210	306HR	20/15
5767	Virginia Inside Passage Daybeacon 52	DAYMK MISSING	12210	242HR	26/14
5820	Virginia Inside Passage Warning Daybeacon B	DAYMK MISSING	12210	470HR	50/12
5850	Virginia Inside Passage Light 80	LT EXT/DAYMK MISSING	12210	284HR	18/15
5870	Virginia Inside Passage Daybeacon 82	STRUCT DEST	12210	285HR	18/15
5875	Virginia Inside Passage Daybeacon 84	DAYMK MISSING	12210	286HR	18/15
5885	Virginia Inside Passage Light 87	STRUCT DEST	12210	264HR	17/15
5930	Virginia Inside Passage Daybeacon 102	DAYMK MISSING	12210	265HR	17/15
5935	Virginia Inside Passage Daybeacon 103	STRUCT DEST/DAYMK MISSING	12210	266HR	17/15
5940	Virginia Inside Passage Daybeacon 105	STRUCT DEST	12210	267HR	17/15
5945	Virginia Inside Passage Daybeacon 106	STRUCT DEST	12210	261HR	17/15
6010	Virginia Inside Passage Daybeacon 125	DAYMK MISSING	12210	250HR	30/16
6115	Virginia Inside Passage Daybeacon 153	DAYMK MISSING	12210	056HR	07/15
6137	Virginia Inside Passage Daybeacon 157B	DAYMK MISSING	12210	057HR	07/15
6145	Virginia Inside Passage Light 160	DAYMK MISSING	12210	058HR	07/15
6160	Virginia Inside Passage Daybeacon 163	STRUCT DEST	12210	226HR	14/15
6170	Virginia Inside Passage Daybeacon 165	DAYMK MISSING	12210	059HR	07/15
6180	Virginia Inside Passage Light 169	STRUCT DMGD	12210	060HR	07/15
6210	Virginia Inside Passage Light 180	STRUCT DMGD	12210	384HR	36/11
6245	Virginia Inside Passage Light 191	DAYMK DMGD	12224	014HR	02/16
6280	Virginia Inside Passage Daybeacon 199	DAYMK MISSING	12224	014HR	02/16
6285	Virginia Inside Passage Daybeacon 199A	STRUCT DEST	12224	014HR	02/16
6320	Virginia Inside Passage Daybeacon 206	DAYMK MISSING	12221	014HR	02/16
6343	Virginia Inside Passage Daybeacon 211	STRUCT DEST	12224	014HR	02/16
6348	Virginia Inside Passage Daybeacon 213	MISSING	12224	014HR	02/16
6355	Virginia Inside Passage Light 215	LT EXT/DAYMK MISSING	12224	014HR	32/13
6375	Virginia Inside Passage Daybeacon 218	DAYMK MISSING	12224	014HR	02/16
6385	Virginia Inside Passage Daybeacon 219	STRUCT DEST	12224	014HR	02/16
6390	Virginia Inside Passage Daybeacon 221	DAYMK MISSING	12224	014HR	02/16
6415	Virginia Inside Passage Daybeacon 225	DAYMK MISSING	12224	014HR	02/16

6440	Virginia Inside Passage Light 232	DAYMK MISSING	12224	200HR	02/16
6485	Virginia Inside Passage Daybeacon 244	TRLB/STRUCT DEST	12224	339HR	44/12
6495	Virginia Inside Passage Daybeacon 245A	MISSING/TRUB	12224	420HR	22/15
6570	Virginia Inside Passage Buoy 263	MISSING	12224	338HR	22/15
6590	Virginia Inside Passage Light 267	DAYMK MISSING	12222	161HR	22/16
6675	Wachapreague Channel Light 9	STRUCT DEST/TRLB	12210	050HR	08/15
6690	Virginia Inside Passage Daybeacon 125	DAYMK MISSING	12210	250HR	30/16
6745	Virginia Inside Passage Light 160	DAYMK MISSING	12210	058HR	07/15
6766	Quinby Creek Buoy 5	MISSING	12210	218HR	23/13
6776	Quinby Creek Lighted Buoy 9	MISSING	12210	129HR	18/12
6780	Quinby Creek Light 11	MISSING/STRUCT DEST	12210	353HR	35/13
6820	Great Machipongo Inlet Light 5	LT EXT	12224	559HR	49/15
6850	Great Machipongo Inlet Daybeacon 12	DAYMK MISSING	12210	019HR	02/16
6855	Great Machipongo Inlet Daybeacon 13	TRLB/STRUCT DEST	12210	467HR	34/15
6920	Great Machipongo Channel Light 8	STRUCT DEST/TRLB	12210	159HR	22/16
6945	Great Machipongo Channel Daybeacon 15	DAYMK MISSING	12210	018HR	02/16
6991	Sand Shoal Channel Daybeacon 3	STRUCT DEST/TRUB	12224	421HR	29/15
6992	Sand Shoal Channel Light 4	LT EXT/STRUCT DMGD	12224	016HR	02/16
6993	Sand Shoal Channel Daybeacon 5	STRUCT DEST/TRUB	12224	422HR	29/15
6994	Sand Shoal Channel Light 7	REDUCED INT	12210	140HR	21/16
8855	Taylor Island Shoal Buoy 1	MISSING/TRUB	12274	190MD	19/16
9165	Bohemia River Light 2	LT EXT	12274	247MD	29/16
10142	Lynnhaven Inlet Light 5	DAYMK MISSING	12254	124HR	19/16
11090	Nansemond River Channel Light 16	LT EXT	12248	243HR	30/16
11525	Warwick River Daybeacon 2	STRUCT DEST/TRUB	12248	122HR	19/16
11995	Jamestown Island Daybeacon 2	STRUCT DEST	12248	208HR	13/15
12640	James River Channel Light 133	LT EXT	12252	143HR	21/16
13497	York River East Range Rear Light	LT EXT	12241	256HR	32/16
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	249HR	25/16
15610	Hoskins Creek Range Rear Light	LT EXT	12237	269HR	31/16
16350	Little Wicomico River Approach Light 2LW	DAYMK MISSING	12233	097HR	15/16
17260	Wicomico River Warning Daybeacon	DAYMK MISSING	12286	323MD	24/15
17800	Port Tobacco River Daybeacon 12	STRUCT DEST/TRUB	12288	262MD	30/16
17805	Port Tobacco River Daybeacon 14	DAYMK IMCH	12288	265MD	31/16
19105	Cuckhold Creek Light 4	DAYMK DMGD/STRUCT DMGD	12264	272MD	32/16
19330	Herring Bay Daybeacon 3	DAYMK DMGD	12266	264MD	30/16
19407	Rockhold Creek Channel Daybeacon 10	STRUCT DMGD	12266	275MD	32/16
19935	Weems Creek Junction Daybeacon WC	STRUCT DEST/TRLB	12283	160MD	15/16
20515	North Point Creek Light 2	LT EXT/TRLB	12278	255MD	29/16
21475	Cape Charles City Approach Light C	DAYMK DMGD	12224	101HR	16/16
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	STRUCT DEST/TRUB	12228	504MD	41/14

23080	Big Thorofare Channel Daybeacon 21	STRUCT DEST/TRLB	12228	267MD	30/16
23410	Goose Creek Channel Daybeacon 6	STRUCT DEST/TRLB	12231	121MD	11/15
23430	Manokin River Channel Daybeacon 9	DAYMK DMGD	12231	280MD	32/16
23955	Wicomico River Channel Light 55	LT EXT/TRLB	12261	221MD	24/16
25920	Knapps Narrows West Channel Light 1	STRUCT DMGD	12266	273MD	32/16
26310	Crab Alley - Little Creek Daybeacon 1	STRUCT DEST/TRLB	12270	179MD	17/16
27155	Middle River Daybeacon 7	STRUCT DMGD	12278	261MD	30/16
27840	Northeast River Buoy 4	TRUB	12274	148MD	13/16
27845	Northeast River Buoy 5	MISSING/TRLB	12274	162MD	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
28930	Ocracoke Inlet Lighted Buoy 10	OFF STA	11550	418NC	32/16
29255	**Barden Inlet Warning Daybeacon A**	**DAYMK MISSING**	**11545**	**421NC**	**33/16**
29300	Harkers Island East Channel Light 10	TRLB/STRUCT DEST	11545	222NC	16/13
29430	Morehead City Channel Range Front Light	LT EXT	11547	037NC	05/16
29435	Morehead City Channel Range Rear Light	STRUCT DEST	11547	389NC	27/14
29970	New Topsail Inlet Lighted Whistle Buoy NT	SINKING	11541	404NC	31/16
30020	New Topsail Inlet Buoy 7	MISSING	11541	405NC	31/16
30025	New Topsail Inlet Buoy 8	OFF STA	11541	406NC	31/16
30270	Carolina Beach Inlet Buoy 2	MISSING	11534	630NC	49/15
31005	Lockwoods Folly Inlet Lighted Whistle Buoy LW	OFF STA/REDUCED INT	11534	394NC	30/16
31045	**Lockwoods Folly Inlet Buoy 10**	**OFF STA**	**11534**	**424NC**	**33/16**
31170	Whale Head Bay Light 1	OFF STA/STRUCT DEST/TRLB	12204	263NC	18/15
31335	Kitty Hawk Bay Daybeacon 3	STRUCT DEST/TRUB	12204	420NC	28/16
31976	Roanoke Marshes Warning Daybeacon	STRUCT DEST	12204	467NC	35/15
32600	Brant Island Warning Daybeacon U	DAYMK MISSING	11548	396NC	31/16
32615	Brant Island Warning Daybeacon X	DAYMK MISSING	11548	395NC	31/16
32730	Judith Island Cut East Light 2	STRUCT DEST/TRLB	11548	367NC	29/16
32925	Pungo Creek Light 3	LT EXT	11553	384NC	29/16
33335	Broad Creek Light 4	LT EXT	11554	391NC	30/16
33425	**Bay River Daybeacon 8**	**DAYMK MISSING**	**11552**	**422NC**	**33/16**
33490	Cedar Island North Light	LT EXT/DAYMK MISSING/STRUCT DMGD	11550	045NC	29/14
34315	Trent River Daybeacon 20	TRLB/STRUCT DEST	11552	523NC	39/15
34505	Atlantic Channel Buoy 4	MISSING	11545	356NC	28/16
34520	Core Sound Light 24	DAYMK MISSING	11545	369NC	29/16
34545	Core Sound Lighted Buoy 28	OFF STA	11545	284NC	23/16
34595	Oyster Creek Daybeacon 3	STRUCT DEST/TRLB	11550	409NC	31/16
35185	New Jersey Intracoastal Waterway Light 49A	LT EXT	12324	209DB	21/16
35310	New Jersey Intracoastal Waterway Daybeacon 80	STRUCT DMGD/TRLB	12324	080DB	04/16
35400	New Jersey Intracoastal Waterway Daybeacon 102	STRUCT DEST/TRLB	12316	034DB	18/15
36745	Cape May Harbor Light 8	STRUCT DEST/DAYMK MISSING	12317	303DB	31/16
37400	Great Bridge to Albemarle Sound Light 43	STRUCT DEST/TRLB	12206	240HR	28/16
37905	Alligator River Daybeacon 30	STRUCT DEST/TRUB	11553	093NC	09/16
38390	Core Creek Light 20	STRUCT DEST/TRLB	11541	400NC	31/16
38440	Russell Slough Junction Light RS	STRUCT DEST/TRLB	11541	385NC	12/16
39217	Bogue Sound - New River Buoy 60	OFF STA	11541	408NC	31/16
39507	New River - Cape Fear River Light 89	DAYMK MISSING	11541	208NC	19/16
39680	New River - Cape Fear River Daybeacon 143	STRUCT DMGD/TRUB	11534	401NC	31/16
39758	New River - Cape Fear River Buoy 162A	OFF STA	11534	331NC	27/16

39875	New River - Cape Fear River Daybeacon 176	STRUCT DEST/TRUB	11534	416NC	32/16
40440	Cape Fear River - Little River Daybeacon 113	STRUCT DEST/TRUB	11534	375NC	29/16
	Chincoteague Bay Light 21	STRUCT DEST/TRLB	12211	191MD	13/15
	Isle of Wight Bay Light 13	STRUCT DEST/TRLB	12211	121MD	09/15
	Quinby Inlet Channel Lighted Buoy 4	MISSING	12210	352HR	35/13
	Sinepuxent Bay Channel Light 39	STRUCT DEST/TRLB	12211	186MD	13/15
	Sinepuxent Bay Channel Light 4	STRUCT DEST/TRLB	12211	491MD	08/15
	Sinepuxent Bay Channel Wreck Light WR16	MISSING/TRLB	12211	345MD	26/15

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1510	Delaware Bay Entrance Channel Lighted Buoy 6	RELIGHTED	12216	314DB	32/16	33/16
2110	Rehoboth Bay Channel Buoy 7	RESET ON STATION	12216	294DB	30/16	33/16
2315	Murderkill River Buoy 2	WATCHING PROPERLY	12304	275DB	28/16	33/16
2330	Murderkill River Buoy 4	RESET ON STATION	12304	166DB	19/16	33/16
2335	Murderkill River Buoy 5	WATCHING PROPERLY	12304	276DB	28/16	33/16
2337	Murderkill River Buoy 6	WATCHING PROPERLY	12304	277DB	28/16	33/16
3509	Horseshoe Lower Lighted Buoy 33	WATCHING PROPERLY	12313	316DB	32/16	33/16
3935	Devlin Lower Range Front Light	WATCHING PROPERLY	12314	195DB	20/16	33/16
7440	Chesapeake Channel Lighted Buoy 62	WATCHING PROPERLY	12225	423HR	29/15	33/16
10138	Lynnhaven Inlet Lighted Buoy 4	RESET ON STATION	12254	267HR	33/16	33/16
10850	Newport News Channel Lighted Buoy 5	RELIGHTED	12245	266HR	33/16	33/16
21435	Old Plantation Flats Warning Light A	N/A	12224	102HR	16/16	33/16
22135	Chesconessex Creek Daybeacon 3	WATCHING PROPERLY	12228	NONEHR	33/16	33/16
27600	Susquehanna River Channel Lighted Buoy 3	RELIGHTED	12274	242MD	28/16	33/16
29770	Courthouse Bay Daybeacon 2	WATCHING PROPERLY	11542	NONENC	32/16	33/16
33801	Dawson Creek Entrance Buoy 4	RESET ON STATION	11552	032NC	52/15	33/16
35070	New Jersey Intracoastal Waterway Light 27	WATCHING PROPERLY	12324	263DB	27/16	33/16
36025	New Jersey Intracoastal Waterway Daybeacon 268	WATCHING PROPERLY	12316	297DB	30/16	33/16

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9	Ocean Power Lighted Data Buoy A	MISSING	12323	585DB	49/13	
793.6	NC Artificial Fishing Reef Buoy AR366	MISSING	11539	282NC	19/14	
819	NC Artificial Fishing Reef Buoy AR425	MISSING	11520	079NC	04/14	
1155	Marshelder Channel Buoy 3	MISSING	12316	250DB	26/16	
1690	Bidwell Creek Entrance Light 2	LT EXT	12304	NONEAC	37/06	
1960	Fortescue Creek Entrance Buoy 4	OFF STA	12304	NONEDB	17/13	
2035	Lewes Breakwater Front Light	LT EXT	12216	282DB	27/13	
2137	Bakers Channel Lighted Buoy 1B	BUOY DMGD/LT EXT	12216	592DB	44/15	
4346	Upper Delaware River Pipeline Outfall Buoy	MISSING	12314	129DB	18/12	
4875	Thorofare Channel Buoy 3	SINKING	12211	029DB	05/16	
4895	Thorofare Channel Buoy 8	BUOY DMGD	12211	285MD	32/16	
4900	Thorofare Channel Buoy 10	OFF STA	12211	121MD	09/15	
4925	Ocean Pines Yacht Club Light 2	LT EXT	12211	398MD	29/15	
4991.16	Little Assawoman Bay Daybeacon 15	DAYMK MISSING	12211	491HR	38/15	
4991.22	Little Assawoman Bay Daybeacon 21	STRUCT DMGD	12214	490HR	38/15	
5165	Chincoteague Bay State Boundary Line Buoy B	DAYMK IMCH	12211	528HR	46/12	

5165	Chincoteague Bay State Boundary Line Buoy B	OFF STA	12211	024HR	04/14
5175	Chincoteague Bay State Boundary Line Buoy D	DAYMK IMCH	12211	429HR	46/12
5180	Chincoteague Bay State Boundary Line Buoy E	DAYMK IMCH	12211	430HR	46/12
5185	Chincoteague Bay State Boundary Line Buoy F	MISSING	12211	431HR	46/12
5190	Chincoteague Bay State Boundary Line Buoy G	DAYMK IMCH	12211	432HR	46/12
5265	George Island Channel Daybeacon 8	DAYMK IMCH	12211	346HR	38/12
5453	Coards Marsh Sanctuary Daybeacon A	STRUCT DEST	12211	433HR	46/12
5453.1	Coards Marsh Sanctuary Daybeacon B	STRUCT DEST	12211	434HR	46/12
5453.2	Coards Marsh Sanctuary Daybeacon C	STRUCT DEST	12211	435HR	46/12
5457	Greenbackville Sanctuary Daybeacon A	STRUCT DEST	12211	476HR	43/11
5457.1	Greenbackville Sanctuary Daybeacon B	DAYMK MISSING	12211	477HR	43/11
7669	UMCES Lighted Data Buoy JI	MISSING	12264	439MD	36/14
7837	UMCES Lighted Data Buoy CBB	OFF STA	12282	176MD	16/16
7860	Bay Bridge Marina Light 5	LT EXT	12270	350MD	44/12
9853	Elizabeth River Town Point Reach No Wake Buoy A	OFF STA	12253	328HR	35/14
10125	Lynnhaven Roads Fishing Pier Lights (2)	MISSING	12254	319HR	31/13
10186	Lynnhaven River Daybeacon 1LR	STRUCT DEST	12254	080HR	08/15
10334	Lynnhaven River Eastern Branch Daybeacon 27	DAYMK MISSING	12222	162HR	23/16
10762.03	Lafayette River Northern Branch Daybeacon 3	DAYMK MISSING	12245	251HR	26/14
10762.1	Lafayette River Northern Branch Daybeacon 12	DAYMK MISSING	12245	252HR	26/14
10962	Hampton River Channel Buoy 22	DAYMK DMGD	12245	NONEHR	16/16
12127	Glasshouse Point Lower Ferry Light	LT EXT	12251	367HR	24/15
12692	James River Lighted Data Buoy A	OFF STA	12252	NONEHR	07/16
12692.1	James River Lighted Data Buoy B	OFF STA	12252	NONEHR	07/16
12895	Salt Ponds Daybeacon 12	DAYMK DMGD	12222	NONED5	17/16
12950	Back River South Channel Daybeacon 2	STRUCT DEST	12238	332HR	24/13
12958	Back River South Channel Daybeacon 8	DAYMK MISSING	12238	193HR	12/15
13050	Harris River Approach Daybeacon 3	DAYMK MISSING	12238	036HR	06/12
13050	Harris River Approach Daybeacon 3	DAYMK MISSING	12238	168HR	20/14
13065	Harris River Approach Daybeacon 6	OFF STA	12238	169HR	20/14
13065	Harris River Approach Daybeacon 6	OFF STA/DAYMK DMGD	12238	037HR	06/12
14940	Windmill Point Marina Light 3	LT EXT	12235	348HR	23/12
15005	Broad Creek Northern Branch Daybeacon 1N	DAYMK DMGD	12235	234HR	24/13
15050	Broad Creek Northern Branch Daybeacon 12	DAYMK MISSING	12235	431HR	49/14
16275	Buzzards Point Daybeacon 3	DAYMK DMGD	12235	390HR	26/15
16555	Lake Conoy Warning Daybeacon A	MISSING	12233	251MD	19/10
16612	Coan River Marina Buoy 1	MISSING	12233	121MD	10/15
16613	Coan River Marina Buoy 2	MISSING	12233	121MD	10/15
16614	Coan River Marina Buoy 3	MISSING	12233	121MD	10/15
16853	Potomac River Sandy Point Lighted Data Buoy A	MISSING	12233	282MD	20/14
16962	Cabin Point Creek Daybeacon 1	STRUCT DEST/HAZ NAV	12285	225MD	25/16
16963	Cabin Point Creek Daybeacon 2	STRUCT DEST/HAZ NAV	12285	225MD	25/16
16971	Glebe Creek Daybeacon 1	STRUCT DEST/HAZ NAV	12285	224MD	25/16
16971.5	Glebe Creek Daybeacon 2	STRUCT DEST/HAZ NAV	12285	224MD	25/16
16972.5	Glebe Creek Daybeacon 4	STRUCT DEST/HAZ NAV	12285	224MD	25/16
17712	Potomac River Morgantown Lighted Mooring Buoy A	BUOY DMGD/LT EXT	12287	199MD	21/16
17845	Nanjemoy Creek Buoy 5	OFF STA	12288	497BA	45/15

18014	Aquia Creek Daybeacon 31	DAYMK IMCH	12288	422MD	34/14
18014.1	Aquia Creek Daybeacon 32	DAYMK DMGD	12288	NONEMD	34/14
18014.2	Aquia Creek Daybeacon 33	DAYMK IMCH	12288	423MD	34/14
18014.3	Aquia Creek Daybeacon 34	DAYMK DMGD	12288	424MD	34/14
18075	Possum Point Pier Light	LT EXT	12288	448MD	37/15
18170	Leesylvania Park Light 2	LT EXT	12288	449MD	37/15
18601.01	National Harbor Channel Light 3	DAYMK MISSING	12289	144MD	12/16
18793.1	Tanner Creek Warning Daybeacon A	DAYMK MISSING	12233	179MD	23/13
18793.2	Tanner Creek Daybeacon 1	DAYMK MISSING	12233	178MD	23/13
18980	Mill Creek (Patuxent River) Buoy 11	OFF STA	12284	040MD	05/16
19152	Academy Of Natural Science Intake Light B	STRUCT DEST/HAZ NAV	12264	121MD	08/15
19612	South River Warning Buoy A	MISSING	12270	039MD	06/13
19613	South River Warning Buoy B	MISSING	12270	040MD	06/13
20063	Severn River - Mill Creek Buoy 11	SINKING	12283	238BA	16/15
20210	Forked Creek Daybeacon 2	DAYMK MISSING	12282	240MD	18/14
21175	Fairfield Channel Buoy 2	MISSING	12281	036MD	08/12
21180	Fairfield Channel Buoy 4	MISSING	12281	037MD	08/12
21180	Fairfield Channel Buoy 4	OFF STA	12281	286MD	37/12
21185	Fairfield Channel Buoy 6	MISSING	12281	233MD	17/07
21362	North Locust Point Marine Terminal Pier 7 Warning Buoy A	MISSING	12281	569MD	01/15
22095	Onancock Creek -South Branch Buoy 1	OFF STA	12228	292MD	30/08
22430	Pocomoke Sound State Boundary Line Daybeacon H	STRUCT DEST/TRUB	12228	165MD	13/15
22440	Pocomoke Sound State Boundary Line Daybeacon K	STRUCT DEST/TRUB	12228	NONEMD	31/15
22985	Ward Creek Warning Daybeacon A	MISSING	12231	503MD	31/05
23315	Jones Creek Daybeacon 4	DAYMK MISSING	12231	402MD	44/08
23340	Jones Creek Daybeacon 12	DAYMK DMGD	12231	620MD	45/11
23670	Dorchester/Somerset County Line Marker DD	STRUCT DEST/TRUB	12231	166MD	13/15
23715	Dames Quarter Creek Channel Daybeacon 4	OFF STA/TRUB	12261	242MD	24/07
23720	Dames Quarter Creek Channel Daybeacon 5	STRUCT DEST/TRUB	12261	260MD	30/16
25010	Cambridge Municipal Yacht Basin Light 1	MISSING	12266	316MD	40/12
25015	Cambridge Municipal Yacht Basin Light 2	MISSING	12266	317MD	40/12
25020	Cambridge Channel Range Front Light	LT EXT	12268	420MD	46/08
25025	Cambridge Channel Range Rear Light	LT EXT/DAYMK DMGD	12268	418MD	46/08
25330	Pier Street Marina Daybeacon 1	STRUCT DEST/HAZ NAV	12266	157MD	20/13
25335	Pier Street Marina Daybeacon 2	STRUCT DEST/HAZ NAV	12266	168MD	21/13
25760	Upper Edge Creek Daybeacon 5	STRUCT DEST/HAZ NAV	12266	011MD	02/15
26030	Claiborne Channel Warning Daybeacon	STRUCT DEST	12270	NONEMD	08/16
26036	Claiborne Channel Buoy 5	MISSING	12266	NONEMD	08/16
26038	Claiborne Channel Buoy 6	MISSING	12270	093MD	08/16
26039	Claiborne Channel Warning Buoy A	MISSING	12270	094MD	08/16
26040	Claiborne Channel Warning Buoy B	MISSING	12270	NONEMD	08/16
26210	Oak Creek Buoy 3	MISSING	12270	092MD	08/16
26225	Oak Creek Warning Buoy	STRUCT DEST	12270	265MD	35/12
26275	Cox Creek Daybeacon 5	MISSING	12270	184MD	24/13
26343	Greenwood Creek Buoy 1G	OFF STA	12270	NONEMD	12/15
26343.1	Greenwood Creek Buoy 2	OFF STA	12270	281MD	12/15
26343.2	Greenwood Creek Buoy 3	OFF STA	12270	NONEMD	12/15
26343.3	Greenwood Creek Buoy 4	OFF STA	12270	NONEMD	12/15
26343.4	Greenwood Creek Buoy 5	OFF STA	12270	NONEMD	12/15
26343.5	Greenwood Creek Buoy 6	OFF STA	12270	NONEMD	12/15
26343.6	Greenwood Creek Buoy 8	OFF STA	12270	NONEMD	12/15

26343.7	Greenwood Creek Buoy 10	OFF STA	12270	NONEMD	12/15
26343.8	Greenwood Creek Buoy 12	OFF STA	12270	NONEMD	12/15
26343.9	Greenwood Creek Buoy 13	OFF STA	12270	NONEMD	12/15
26990	Shallow Creek Daybeacon 9	DAYMK MISSING	12278	NONEMD	20/11
27230	Upper Gunpowder River Buoy 2	MISSING	12274	280MD	19/15
27240	Upper Gunpowder River Buoy 4	MISSING	12274	279MD	19/15
27245	Upper Gunpowder River Daybeacon 5	STRUCT DEST	12274	278MD	19/14
27250	Upper Gunpowder River Buoy 6	MISSING	12274	277MD	19/15
27255	Upper Gunpowder River Buoy 7	MISSING	12274	276MD	19/15
27265	Upper Gunpowder River Buoy 9	OFF STA	12274	275MD	19/15
27270	Upper Gunpowder River Buoy 10	OFF STA	12274	274MD	19/15
27280	Upper Gunpowder River Daybeacon 12	OFF STA	12274	273MD	19/15
27415	Fairlee Creek Buoy 8	OFF STA/BUOY DMGD	12278	361MD	28/14
27920	Upper Elk River Buoy 8	OFF STA	12274	127MD	16/13
27925	Upper Elk River Buoy 9	OFF STA	12274	128MD	16/13
30905	Wilmington Marine Center Daybeacon 6	DAYMK DMGD	11537	NONENC	05/16
30910	Wilmington Marine Center Daybeacon 7	DAYMK DMGD	11537	NONENC	05/16
31060	Shallotte Inlet Buoy 2	MISSING	11534	005NC	01/14
31087	Shallotte Inlet Buoy 9	MISSING	11534	317NC	23/13
32725.16	**Swanquarter PPA Warning Daybeacon R**	**STRUCT DEST**	**11548**	**424NC**	**33/16**
32725.23	Swanquarter PPA Warning Daybeacon X	STRUCT DEST	11548	089NC	09/16
32725.24	Swanquarter PPA Warning Daybeacon Y	STRUCT DEST	11548	NONENC	09/16
33427.5	Swan Point Warning Daybeacon B	DAYMK MISSING	11552	177NC	12/15
33428	Swan Point Warning Light C	DAYMK MISSING	11552	178NC	12/15
33428.5	Swan Point Warning Daybeacon D	DAYMK MISSING	11552	179NC	12/15
35230	Manahawkin Bay Lower Warning Light	LT EXT	12324	371DB	32/13
35780	Absecon Waterway Upper Pier Light	LT IMCH	12316	521DB	38/14
35785	Absecon Waterway Lower Pier Light	LT IMCH	12316	522DB	38/14
36777.3	Cape May Village Daybaecon 4	STRUCT DEST	12316	556DB	41/15
	Asquith Creek Daybeacon 6	DAYMK IMCH	12282	520MD	45/14
	Back Creek-Syc Daybeacon 8	STRUCT DMGD	12238	NONEHR	23/16
	Back River Buoy 6	BUOY DMGD		263MD	33/13
	Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
	Cherrystone Artifical Reef Buoys	MISSING	12221	NONED5	24/05
	Cox Creek Channel Buoy 6 (Patapsco)	ADRIFT	12278	296MD	36/13
	Cox Creek Channel Buoy 7 (Patapsco)	ADRIFT	12278	297MD	36/13
	East Cod Creek Daybeacon 4	DAYMK MISSING	12233	120MD	21/12
	East Cod Creek Daybeacon 6	DAYMK DMGD	12285	318MD	26/09
	Fox Hill Channel Daybeacon 4	DAYMK DMGD	12238	173HR	23/12
	Fox Hill Channel Daybeacon 6	STRUCT DEST	12238	174HR	23/12
	Grassy Sound North Pier Light	MISSING	12316	0068AC	41/12
	Grassy Sound South Pier Light	MISSING	12316	0069AC	41/12
	Harris River Approach Daybeacon 10	DAYMK DMGD	12238	NONEHR	05/12
	Hunting Creek Miles River Buoy 2	BUOY DMGD	12270	228MD	25/16
	Indian River Bay Shellfish Excl. Buoy	MISSING	12216	NONEAC	08/12
	Irish Creek Buoy 3	MISSING	12266	208MD	23/16
	Little Cove Point Warnimg Light C	STRUCT DEST	12264	286MD	36/13
	Old House Cove Warning Daybeacon A	MISSING	12231	0498MD	31/05
	Old House Cove Warning Daybeacon B	MISSING	12231	0499MD	31/05
	Old House Cove Warning Daybeacon C	MISSING	12231	0500MD	31/05
	Parramore Artifical Reef Buoy	MISSING	12210	0071ES	21/05
	Playtors Creek Dbn 3	STRUCT DEST	12266	186MD	18/16
	Shark Riv Is Ch By 1	MISSING		215DB	22/16
	Shark River Light 5	LT EXT		395DB	28/15

Spriggs Pond Buoy 1	OFF STA		268MD	31/16
St. Michaels Harbor Buoy 6	SINKING	12270	177MD	16/16
Upper Tangier Sound County Range Marker F	STRUCT DEST	12231	155MD	14/16
VIMS Clay Bank Lighted Data Buoy A	MISSING	12243	NONEHR	14/14
VIMS Clay Bank Lighted Data Buoy B	MISSING	12243	NONEHR	14/14
VIMS Clay Bank Lighted Data Buoy C	MISSING	12241	NONEHR	14/14
Vims Water Qual Monitor Device (3)	MISSING		NONEHR	14/14
Wachapreague Artifical Reef Buoys	MISSING	12210	0072ES	21/05
Warehouse Creek Buoy 1 (South River)	MISSING	12270	244MD	28/16

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
19512	West River Buoy 7	WATCHING PROPERLY	12270		32/16	14/29

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2050	**Harbor Of Refuge North End Light 1**	**TRLB**	**12216**	372D5	**33/16**	
6348	Virginia Inside Passage Daybeacon 213	TRUB	12224	NONED5	02/14	
7450	USN Aerial Gunnery Area Warning Daybeacon A	TRLB	12228	500BA	16/16	
8150	Brewerton Channel Range Front Light	RELOCATED	12281	181D5	14/15	
9520	Elizabeth River Channel Lighted Bell Buoy 10	RELOCATED FOR DREDGING	12245	623D5	52/15	
9552.5	Norfolk International Terminal North Channel Lighted Buoy 6N	RELOCATED FOR DREDGING	12245	623D5	52/15	
11897	James River Channel Lighted Buoy 27A	DISCONTINUED FOR DREDGING	12248	541D5	44/15	
11904	James River Channel Lighted Buoy 29A	DISCONTINUED FOR DREDGING	12248	541D5	44/15	
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	

28235	**Old House Channel Buoy 3**	**RELOCATED DUE TO SHOALING**	**12204**	374D5	**33/16**
28669	Hatteras Inlet Buoy 9	DISCONTINUED	11555	269D5	21/15
28670	Hatteras Inlet Buoy 9A	DISCONTINUED	11555	269D5	21/15
28717	South Ferry Terminal Lighted Buoy 8SF	DISCONTINUED	11555	437D5	15/16
28719	South Ferry Terminal Lighted Buoy 10SF	DISCONTINUED	11555	437D5	15/16
28724	Hatteras Inlet Lighted Buoy 9B	DISCONTINUED	11555	269D5	21/15
28726	Hatteras Inlet Lighted Buoy 10	DISCONTINUED	11555	269D5	21/15
28726.1	Hatteras Inlet Buoy 10A	DISCONTINUED	11555	269D5	21/15
28726.2	Hatteras Inlet Lighted Buoy 10B	DISCONTINUED	11555	269D5	21/15
28729	Hatteras Inlet Lighted Buoy 11	DISCONTINUED	11555	269D5	21/15
28730.1	Hatteras Inlet Channel Lighted Buoy 11A	DISCONTINUED	11555	297D5	27/14
28730.15	Hatteras Inlet Channel Buoy 11AA	DISCONTINUED	11555	269D5	21/15
28730.2	Hatteras Inlet Channel Lighted Buoy 11B	DISCONTINUED	11555	269D5	21/15
28732.1	Hatteras Inlet Channel Lighted Buoy 12A	DISCONTINUED FOR DREDGING	11555	367D5	32/16
28733	Hatteras Inlet Channel Lighted Buoy 12AA	DISCONTINUED	11555	269D5	21/15
28733.1	Hatteras Inlet Channel Buoy 12B	DISCONTINUED	11555	269D5	21/15
28733.2	Hatteras Inlet Channel Buoy 12C	DISCONTINUED	11555	269D5	21/15
28735.2	Hatteras Inlet Channel Lighted Buoy 13	DISCONTINUED	11555	NONED5	23/15
28735.6	Hatteras Inlet Channel Lighted Buoy 14	DISCONTINUED FOR DREDGING	11555	367D5	32/16
28955	Teaches Hole Channel Lighted Buoy 20	DISCONTINUED	11550	173D5	14/15
29253	**Barden Inlet Buoy 30**	**RELOCATED DUE TO SHOALING**	**11545**	373D5	**33/16**
29655	New River Inlet Buoy 1	DISCONTINUED	11541	067D5	06/15
29660	New River Inlet Buoy 2	DISCONTINUED	11541	067D5	06/15
29665	New River Inlet Buoy 3	DISCONTINUED	11541	491D5	43/14
29670	New River Inlet Buoy 4	DISCONTINUED	11541	491D5	43/14
29680	New River Inlet Buoy 6	DISCONTINUED	11541	491D5	43/14
29700	New River Inlet Buoy 8	DISCONTINUED	11541	491D5	43/14
29720	New River Inlet Buoy 10	DISCONTINUED	11541	NONED5	43/14
29721	New River Inlet Buoy 10A	DISCONTINUED	11541	491D5	43/14
29723	New River Inlet Buoy 10B	DISCONTINUED	11541	491D5	43/14
29725	New River Inlet Buoy 11	DISCONTINUED	11541	491D5	43/14
29726	New River Inlet Buoy 11A	DISCONTINUED	11541	491D5	43/14
29763	New River Buoy 17A	RELOCATED DUE TO SHOALING	11541	364D5	32/16
29780	Courthouse Bay Buoy 4	DISCONTINUED	11542	363D5	32/16
30355	Cape Fear River Entrance Channel Lighted Buoy 9	RELOCATED FOR DREDGING	11534	022D5	03/15
30360	Cape Fear River Entrance Channel Lighted Buoy 10	RELOCATED FOR DREDGING	11534	022D5	03/15
30370	Cape Fear River Entrance Channel Lighted Buoy 11	RELOCATED FOR DREDGING	11534	022D5	03/15
30373	Cape Fear River Entrance Channel Lighted Buoy 13	RELOCATED FOR DREDGING	11534	022D5	03/15
39225	Bogue Sound - New River Daybeacon 63	TRUB	11541	386NC	30/16

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9630	Elizabeth River Channel Lighted Buoy 23	Returned to Assigned Position	12245	356D5	52/15	33/16
23003	Rhodes Point Gut Channel Buoy 4	LWP	12228	366D5	32/16	33/16
28647	Hatteras Inlet Channel Buoy 2A	LWP	11555	347D5	30/16	33/16

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.

11534 39th Ed. 01-NOV-15 Last LNM: 32/16 NAD 83 33/16

ChartTitle: **Intracoastal Waterway Myrtle Grove Sound and Cape Fear River to Casino Creek**

CHART NC-SC-ICW-MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK. Page/Side: N/A

		CGD05	
CHANGE	New River - Cape Fear River Light 163 to New River - Cape Fear River Lighted Buoy 163, Fl G 4s, at	34-03-04.744N	077-55-08.715W

11537 40th Ed. 01-FEB-15 Last LNM: 32/16 NAD 83 33/16

ChartTitle: **Cape Fear River Cape Fear to Wilmington**

CHART NC- CAPE FEAR RIVER:- CAPE FEAR RIVER TO WILMINGTON. Page/Side: N/A

		CGD05	
CHANGE	New River - Cape Fear River Light 163 to New River - Cape Fear River Lighted Buoy 163, Fl G 4s, at	34-03-04.744N	077-55-08.715W

11541 41st Ed. 01-NOV-15 Last LNM: 32/16 NAD 83 33/16

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

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

		CGD05	
RELOCATE	New River Buoy 17A	from 34-34-02.105N	077-21-59.922W
		to 34-34-01.795N	077-22-00.996W
		CGD05	
CHANGE	Wrightsville Channel Junction Daybeacon WC to Wrightsville Channel Junction Buoy WC, Green and Red can, at	34-11-20.214N	077-49-00.114W

11542 **19th Ed.** **01-AUG-14** **Last LNM: 32/16** **NAD 83** **33/16**

ChartTitle: **New River;Jacksonville**

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

RELOCATE	Courthouse Bay Buoy 4	CGD05	from 34-35-02.588N	077-22-30.697W
			to 34-35-02.326N	077-22-31.369W
RELOCATE	New River Buoy 17A	CGD05	from 34-34-02.105N	077-21-59.922W
			to 34-34-01.795N	077-22-00.996W

11544 **41st Ed.** **01-DEC-13** **Last LNM: 31/16** **NAD 83** **33/16**

ChartTitle: **Portsmouth Island to Beaufort, Including Cape Lookout Shoals**

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

RELOCATE	West Bay Light 11WB	CGD05	from 34-56-33.083N	076-23-16.350W
			to 34-56-32.988N	076-23-16.568W

11548 **41st Ed.** **01-SEP-12** **Last LNM: 31/16** **NAD 83** **33/16**

ChartTitle: **Pamlico Sound Western Part**

CHART NC- PAMLICO SOUND- WESTERN PART. Page/Side: N/A

RELOCATE	Deep Cove Light 1	CGD05	from 35-19-48.547N	076-23-36.814W
			to 35-19-48.501N	076-23-36.676W
RELOCATE	West Bay Light 11WB	CGD05	from 34-56-33.083N	076-23-16.350W
			to 34-56-32.988N	076-23-16.568W

11550 **31st Ed.** **01-JUL-15** **Last LNM: 31/16** **NAD 83** **33/16**

ChartTitle: **Ocracoke Inlet and Part of Core Sound**

Main Panel 514 OCRACOKE INLET & PART OF CORE SOUND. Page/Side: A

RELOCATE	West Bay Light 11WB	CGD05	from 34-56-33.083N	076-23-16.350W
			to 34-56-32.988N	076-23-16.568W

12210 **41st Ed.** **01-MAR-16** **Last LNM: 32/16** **NAD 83** **33/16**

ChartTitle: **Chincoteague Inlet to Great Machipongo Inlet;Chincoteague Inlet**

CHART VA-CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET. Page/Side: N/A

DELETE	Quinby Inlet Channel Buoy 2 at	CGD05	37-28-00.741N	075-40-30.609W
DELETE	Quinby Inlet Channel Buoy 2A at	CGD05	37-28-16.242N	075-40-55.531W
DELETE	Quinby Inlet Channel Lighted Buoy 4 at	CGD05	37-29-10.434N	075-40-42.133W
DELETE	Virginia Inside Passage Buoy 110 at	CGD05	37-38-39.960N	075-38-40.938W
DELETE	Virginia Inside Passage Buoy 158A at	CGD05	37-30-22.374N	075-42-08.718W
DELETE	Virginia Inside Passage Buoy 194 at	CGD05	37-23-50.520N	075-46-58.842W
DELETE	Virginia Inside Passage Buoy 198 at	CGD05	37-24-00.168N	075-49-14.628W
DELETE	Virginia Inside Passage Buoy 55 at	CGD05	37-47-01.031N	075-31-59.782W
DELETE	Virginia Inside Passage Buoy 55A at	CGD05	37-46-56.077N	075-32-00.549W
DELETE	Virginia Inside Passage Buoy 57 at	CGD05	37-46-50.964N	075-32-03.985W
DELETE	Virginia Inside Passage Buoy 59 at	CGD05	37-46-39.726N	075-32-09.240W
RELOCATE	Wachapreague Inlet Buoy 1	CGD05	from 37-34-28.428N	075-34-42.055W
			to 37-34-28.571N	075-34-40.851W
RELOCATE	Wachapreague Inlet Buoy 2	CGD05	from 37-34-36.096N	075-34-39.640W
			to 37-34-36.003N	075-34-38.202W

12211 **46th Ed.** **01-MAR-16** **Last LNM: 32/16** **NAD 83** **33/16**

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

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

DELETE	Chincoteague Bay Light 21 at	CGD05 38-03-19.192N	075-17-14.891W
DELETE	Chincoteague Bay Light 28 at	CGD05 38-08-04.825N	075-15-04.678W
DELETE	Isle Of Wight Bay Light 14 at	CGD05 38-22-12.396N	075-05-29.484W
DELETE	Isle of Wight Bay Light 13 at	CGD05 38-22-02.171N	075-05-25.321W
DELETE	Sinepuxent Bay Channel Daybeacon 11A at	CGD05 38-17-32.352N	075-07-40.308W
DELETE	Sinepuxent Bay Channel Daybeacon 17 at	CGD05 38-15-06.864N	075-08-46.392W
DELETE	Sinepuxent Bay Channel Light 39 at	CGD05 38-10-04.051N	075-14-12.986W
DELETE	Sinepuxent Bay Channel Light 4 at	CGD05 38-19-04.626N	075-06-28.860W
CHANGE	Sinepuxent Bay Channel Daybeacon 35 to Sinepuxent Bay Channel Buoy 35, Green can, at	CGD05 38-11-05.502N	075-12-53.064W
CHANGE	Sinepuxent Bay Channel Wreck Light WR16 to Sinepuxent Bay Channel Lighted Buoy 16, Fl R 2.5s, at	CGD05 38-15-34.200N	075-08-36.432W
ADD	Chincoteague Bay Lighted Buoy 21 Green Fl G 4s	CGD05 at 38-03-08.260N	075-17-02.240W
ADD	Chincoteague Bay Lighted Buoy 28 Red Fl R 4s	CGD05 at 38-08-04.864N	075-15-04.697W
ADD	Isle of Wight Bay Lighted Wreck Buoy WR13 Green Q G	CGD05 at 38-22-02.301N	075-05-24.855W
ADD	Isle of Wight Bay Lighted Wreck Buoy WR14 Red Q R	CGD05 at 38-22-12.360N	075-05-29.759W
ADD	Sinepuxent Bay Channel Lighted Wreck Buoy WR11A Green Q G	CGD05 at 38-17-32.739N	075-07-40.646W
ADD	Sinepuxent Bay Channel Lighted Wreck Buoy WR17 Green Q G	CGD05 at 38-15-06.951N	075-08-46.844W
ADD	Sinepuxent Bay Channel Lighted Wreck Buoy WR39 Green Q G	CGD05 at 38-10-03.902N	075-14-13.338W
ADD	Sinepuxent Bay Channel Lighted Wreck Buoy WR4 Red Q R	CGD05 at 38-19-04.287N	075-06-28.538W

12221 82nd Ed. 01-FEB-14 Last LNM: 31/16 NAD 83 33/16

ChartTitle: **Chesapeake Bay Entrance**

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

DELETE	Virginia Inside Passage Buoy 194 at	CGD05 37-23-50.520N	075-46-58.842W
DELETE	Virginia Inside Passage Buoy 198 at	CGD05 37-24-00.168N	075-49-14.628W

12228 34th Ed. 01-MAY-16 Last LNM: 31/16 NAD 83 33/16

ChartTitle: **Chesapeake Bay Pocomoke and Tangier Sounds**

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

ADD	Rhodes Point Gut Channel Buoy 4	CGD05 at 37-58-12.356N	076-02-25.947W

Red Nun

12230 **66th Ed.** **01-APR-13** **Last LNM: 31/16** **NAD 83** **33/16**

ChartTitle: **Chesapeake Bay Smith Point to Cove Point**

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

ADD	Rock in Feet; 17 Rk	Chart No. 1: K14.2 (NOS NW-25780)	NOS 38-08-50.300N	076-18-07.180W

12231 **31st Ed.** **01-MAY-16** **Last LNM: 31/16** **NAD 83** **33/16**

ChartTitle: **Chesapeake Bay Tangier Sound Northern Part**

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

ADD	Rhodes Point Gut Channel Buoy 4 Red Nun	CGD05 at 37-58-12.356N	076-02-25.947W

12233 **38th Ed.** **01-JAN-14** **Last LNM: 27/16** **NAD 83** **33/16**

ChartTitle: **Potomac River Chesapeake Bay to Piney Point**

Main Panel 570 POTOMAC RIVER-CHESAPEAKE BAY TO PINEY POINT. Page/Side: N/A

ADD	Rock in Feet; 17 Rk	Chart No. 1: K14.2 (NOS NW-25780)	NOS 38-08-50.300N	076-18-07.180W

12280 **11th Ed.** **01-FEB-14** **Last LNM: 25/16** **NAD 83** **33/16**

ChartTitle: **Chesapeake Bay**

Extension 2975 CHESAPEAKE BAY - SOUTHERN PART. Page/Side: 1

ADD	Rock in Feet; 17 Rk	Chart No. 1: K14.2 (NOS NW-25780)	NOS 38-08-50.300N	076-18-07.180W

Main Panel 2974 CHESAPEAKE BAY - NORTHERN PART. Page/Side: 1

ADD	Rock in Feet; 17 Rk	Chart No. 1: K14.2 (NOS NW-25780)	NOS 38-08-50.300N	076-18-07.180W

12316 **35th Ed.** **01-OCT-12** **Last LNM: 32/16** **NAD 83** **33/16**

ChartTitle: **Intracoastal Waterway Little Egg Harbor to Cape May;Atlantic City**

CHART NJ-IWW-LITTLE EGG HARBOR TO CAPE MAY. Page/Side: N/A

CHANGE	New Jersey Intracoastal Waterway Light 252 to Fl R 2.5s, 15FT, 4M at	CGD05 at 39-17-11.364N	074-34-39.508W

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s)	Project Date	Ref. LNM
None		

Advance Notice(s)

None

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES

Periodically, the Coast Guard, evaluates the system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard, the Coast Guard is evaluating changes in aids to navigation as noted in the 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/lnms/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

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

In August 2013, the Coast Guard proposed discontinuing a number of aids in the Harkers Island East Channel due to encroaching shoal and the lack of dredging. The Coast Guard attempted to access the area to discontinue the aids, but waterway conditions at the time prevented safe access by a Coast Guard construction tender. The Coast Guard is able to access the area now, but due to the amount of time that has passed since the original LNM proposal, the Coast Guard is re-soliciting for feedback on the discontinuation of the following aids to navigation.
A. Harkers Island East Channel Daybeacon 1 (LLNR 29275)
B. Harkers Island East Channel Light 2 (LLNR 29280)
C. Harkers Island East Channel Daybeacon 4 (LLNR 29285)
D. Harkers Island East Channel Light 6 (LLNR 29290)
E. Harkers Island East Channel Daybeacon 8 (LLNR 29295)
F. Harkers Island East Channel Light 10 (LLNR 29300)
G. Harkers Island East Channel Light 12 (LLNR 29305)
H. Harkers Island East Channel Light 14 (LLNR 29310)
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at:
http://www.navcen.uscg.gov/pdf/lnms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf
All comments will be carefully considered and are requested prior to 31 August, 2016 to be considered in the analysis. Refer to project number 05-13-110(D).
Send comments to CGD5Waterways@uscg.mil or pablo.a.ortiz2@uscg.mil
U.S. Coast Guard Fifth District
Waterways Management (dpw)
Attn: Pablo Ortiz
431 Crawford Street
Portsmouth, VA 23704

Chart 11545 LNM: 31/16

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

The Coast Guard is proposing to discontinue Dawson Creek Entrance Buoy 4 (LLNR 33801). Dawson Creek Entrance Buoy 4 is currently missing and a replacement cannot be placed on station due to lack of available water. With the encroaching shoal, the Coast Guard cannot mark best water to ensure the safe navigation of vessel traffic in the area. Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at:
http://www.navcen.uscg.gov/pdf/lnms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf
All comments will be carefully considered and are requested prior to 24 August, 2016 to be considered in the analysis. Refer to project number 05-16-098(D).
Send comments to CGD5Waterways@uscg.mil or pablo.a.ortiz2@uscg.mil
U.S. Coast Guard Fifth District
Waterways Management (dpw)
Attn: Pablo Ortiz
431 Crawford Street
Portsmouth, VA 23704

Chart 11552 LNM: 30/16

SECTION VII - GENERAL

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

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

Live firing is conducted continuously in Danger Zone 334.370, the area west of the south end of the Chesapeake Bay Bridge Tunnel, bounded by the following positions 36-55-24N 76-08-43W, 36-55-50N 76-08-37W, 36-57-16N 76-08-14W, 36-57-16N 76-08-14W, 36-56-58.5N 76-07-11W, 36-57-07N 76-07-44W. Firing is conducted Monday through Friday from 7:00 am to 8:00 pm. For questions or concerns about these operations you may contact Range Operations and Training Area, Mr. Assaf or Ms. Lawrence at 757-422-7103/7101.

Charts: 12222 12254 LNM: 19/16

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

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

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

During these operations, the aircraft will be operating at altitudes as low as seventy-five feet and will produce localized winds in excess of 125 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 21either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Charts: 12200 12205 12221 12222 12245 12254 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.ON 075-34.7W.
AREA B: 36-29.0N 075-31.8W, 36-29.0N 075-35.5W, 36-26.0N 075-35.5W, 36-26.0N 075-31.8W.
AREA C: 36-29.0N 075-20.8W, 36-29.0N 075-24.5W, 36-26.0N 075-24.5W, 36-29.0N 075-20.8W.
AREA D: 36-46.5N 075-47.8W, 36-46.5N 075-46.5W, 36-47.5N 075-46.5W, 36-47.5N 075-47.8W.

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

Chart 12200 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)

NC - NEW RIVER - FIRING EXERCISES

3. The restricted areas in the New River, as shown on National Ocean Service Chart 11542, that WILL be closed to navigation because of Stone Bay Rifle Range firing exercises during the following periods:
Stone Creek Sector 12:01 a.m. to Midnight – daily
Stone Bay Sector 12:01 a.m. to Midnight – daily
West of the 77 (deg) 26(min) longitude line.
The restricted areas that MAY be closed to navigation because of firing exercises during the following periods:
Traps Bay Sector 12:01 a.m. to Midnight – daily
Courthouse Bay Sector 12:01 a.m. to Midnight – daily
Stone Bay Sector 12:01 a.m. to Midnight – daily
East of the 77 (deg) 26 (min) longitude line.
Grey Point Sector 12:01 a.m. to Midnight – daily
Farnell Bay Sector Sunrise to Sunset – daily
Morgans Bay Sector Sunrise to Sunset – daily
Jacksonville Sector Sunrise to Sunset – daily
4. The Target Bombing Area N1/BT-3 Impact Area in the Atlantic Ocean East of the New River Inlet as shown on National Ocean Service Chart 11543, may be closed to navigation because of firing exercises during the following periods:
N1/BT-3 Live Fire Operations:
8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)
8:00 a.m. to 10:00 pm Daily (Stinger Missile and ranges)
N1/BT-3 Non-Live Fire Operations:
12:01 a.m. to Midnight Daily (USS Ship-Maneuvering)
5. Atlantic Intracoastal Waterway, Inland Waters in the Browns Island Inlet area between Bear Creek and Onslow Beach, may be closed for firing exercises during the following periods:
Live Fire Operations:
8:00 a.m. to 5:00 pm Daily (USS Ship-Naval Gunfire)
8:00 a.m. to 10:00 pm Daily (Ranges)
Non-Live Fire Operations:
12:01 a.m. to Midnight Daily (Boat-Maneuvering)
6. Ship operations consisting of landing craft, amphibious vehicles, and helicopters may be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 a.m. to Midnight – daily. Range Control Boats, MCIE-MCB CamLej North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). Range Control can be reached by phone at 910-451-3064 or 4449.
7. Due to unexploded ordnance on Browns Island and in the adjacent waterways and marsh areas, Browns Island is off limits to all unauthorized personnel. Vessels may transit the surrounding waters, however no vessel shall bottom fish or anchor.

Charts: 11541 11542 11543 LNM: 01/16

VA - COASTAL - STATE MILITARY RESERVATION, CAMP PENDLETON, VIRGINIA BEACH - SMALL ARMS LIVE FIRE SCHEDULE

The Camp Pendleton State Military Reservation Live Fire Small Arms Range described as all of the waters seaward of the mean high water shore line within a sector between radial lines extending 13,500 yards seaward and bearing 070 degrees true and 150 degrees true, respectively, from a point on shore at 36- 48- 58.3N, 075- 57- 59.0W. All vessel operators are reminded to review Navigation Regulations as described in paragraph 334.380 of Chapter 2, of U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (45th) Edition when operating south of the entrance to the Chesapeake Bay. Firing will take place only during daylight hours and red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit.

LNM: 13/16

DREDGING AND MARINE CONSTRUCTION CAUTIONS

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

LNM: 01/16

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

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

Chart 12314 LNM: 32/16

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

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

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

Charts: 12200 12300 12318 12323 LNM: 33/16

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

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

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

Chart 11520 LNM: 27/16

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

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

Chart 12318 LNM: 31/16

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

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

Chart 12316 LNM: 32/16

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

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

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

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

Chart 12316 LNM: 28/16

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

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

Chart 12318 LNM: 31/16

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

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

Chart 12278 LNM: 33/16

******MD – CHESAPEAKE BAY– CHESTER RIVER - TEMPORARY BRIDGE DEVIATION******

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

Chart 12272 LNM: 33/16

******MD – CHOPTANK RIVER – CAMBRIDGE TO GREENSBORO - BRIDGE INSPECTION******

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

Chart 12268 LNM: 33/16

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

On or about July 19 until about Aug 31, 2016, Johns Hopkins University Applied Physics Laboratory will temporarily establish two scientific research buoys approximately 18 NM southeast of the entrance to Ocean City Inlet. The yellow buoys are 4 feet in diameter with masts 5 feet above the waterline. They are equipped with yellow lights, flashing 5 seconds. Both buoys will have orange floats nearby marking semi-submerged equipment. Mariners are requested to proceed with caution when navigating in the vicinity of these buoys.
JHU/APL Gen 3 A 38-10-10N, 074-45-19.2W Fl Y 5s Yellow
JHU/APL Gen 3 B 38-10-10N, 074-45-38.2W FL Y 5s Yellow

Chart 12211 LNM: 29/16

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

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

Chart 12211 LNM: 31/16

MD- CHESAPEAKE BAY - HARRIS CREEK - OYSTER REEF RESTORATION

The U.S. Army Corps of Engineers and Maryland Department of Natural Resources have placed rock and shell at 66 sites to restore oyster reef habitat in Harris Creek in Talbot County, MD. In those areas, water depths are 1 ft to 2 ft shallower than what is currently shown on navigational charts. Please be vigilant when navigating through these areas. Oyster Reef locations may be seen on Enclosure 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 - PATUXENT RIVER AND VICINITY – COVE POINT******

Dominion Cove Point LNG Liquefaction Project will be deploying construction material in the Cedar Point Artificial Reef located at just south of the Patuxent River bounded by the following positions.
38-19.03N, 76-23.03W
38-18.67N, 76-22.25W
38-18.82N, 76-23.22W
38-18.53N, 76-22.40W
The deployment of reef material will occur between Sep 1 and Oct 31 2016.

Chart 12264 LNM: 32/16

******MD – CHESAPEAKE BAY – WICOMICO RIVER - HORIZONTAL DIRECTIONAL BOREING******

Delmarva Power & Light Company (DPL) has received authorization from U.S. Army Corps of Engineers (USACE), Baltimore District, to horizontally directionally bore (HDD) a minimum of 20 feet under the river bed to install electric utility conduits. The total bore length will be approximately 1,500 linear feet under the Wicomico River with entrance and exit locations in uplands on the south-side of the Wicomico River at the City of Salisbury Pumping Station, 611 Ridge Road and uplands on the north-side of the Wicomico River, east of Hess Road, Salisbury, Wicomico County, Maryland.
The HDD bore will be at least 20 feet below the bottom of the Wicomico River. Equipment used will consist of on-shore HDD boring rig(s) and small watercraft for monitoring. DPL anticipates starting this work by September 6, 2016 and be completed by November 30, 2016. Please call Chuck Reed, DPL Environmental Planning at 302-283-6076 with any questions.

Chart 12261 LNM: 33/16

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

From about July 23, 2016 until about October 23, 2016, Coastal Design and Construction will temporarily establish six mooring buoys on the west side of Smith Island off of Hog Neck to support work barges for a shoreline protection project. The buoys will be white with blue bands and rise 3 feet above the waterline.
Hog Neck Mooring Buoy A 37-57-00N, 076-03-30W
Hog Neck Mooring Buoy B 37-56-48N, 076-03-30W
Hog Neck Mooring Buoy C 37-57-18N, 076-03-09W
Hog Neck Mooring Buoy D 37-57-27N, 076-03-09W
Hog Neck Mooring Buoy E 37-57-34N, 076-03-09W
Hog Neck Mooring Buoy F 37-57-40N, 076-03-09W

Chart 12231 LNM: 29/16

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

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

Chart 12251 LNM: 32/16

******VA – CHESAPEAKE BAY – 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, 10 Aug 2016. Between the hours of 9:00 am and 4:00 pm.

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

Naval Anchorage Area D, 29 Jul to 9 Aug 2016. Between the hours of 7:00 am and 8:00 pm.
Naval Anchorage Area A and B, 1 – 9 Aug 2016. Between the hours of 6:00 am and 6:00 pm.
Naval Anchorage Area D, 9 Aug 2016. Between the hours of 6:00 pm and 9:30 pm.
Naval Anchorage Area D, 11 Aug 2016. Between the hours of 1:00 pm and 9:30 pm.
Naval Anchorage Area D, 12 Aug 2016. Between the hours of 9:00 am and 1:00 pm.
Military Operations will be conducted in the following areas during the dates and times listed. Operations may consist of Unmanned Arial Vehicles, small boat operations with numerous boats, helicopter air drops and recovery.
Naval Anchorage Area A, 28 Jun 2016. Between the hours of 9:00 am and 3:00 pm.
Naval Anchorage Area A, 9 Aug 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 – NORFOLK HARBOR AND ELIZABETH RIVER - WESTERN BRANCH - BRIDGE INSPECTION

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

Chart 12253 LNM: 32/16

VA – RUDEE INLET CHANNEL AND LYNNHAVEN INLET – DREDGING

The Dredge Currituck will be conducting dredging operations in Rudee Inlet Channel and Lynnhaven Inlet Entrance Channel from Lynnhaven Light 2 (LLNR 10135) to Lynnhaven Buoy 6 (LLNR 10145), portions of the center of Turning Basin and Long Creek from Long Creek Channel Daybeacon 2 (LLNR 10160) to Long Creek Daybeacon 7 (LLNR 10167) from July 23 through Aug, 2016. The Dredge may alternate between projects during the entire time to take advantage of favorable weather. Work will be 12 hours a day from 0600 - 1800, 7 days a week.

Charts: 12208 12254 LNM: 28/16

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

On or about August 2, EcoH2O Innovations LLC will establish a research buoy approximately one nautical mile south southwest of the entrance to Masonboro Inlet and about 300 yards off the beach to be discontinued on or about 1 September 2016. The three-foot diameter buoy is white and blue with a slow flashing yellow light and is marked “SAROS.”
Masonboro Island Research Buoy A Fl Y 4S 34-09-56.2 N, 077-49-21.9 W

Chart 11520 LNM: 30/16

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

Construction activities for the replacement bridge began on March 7, 2016 and are expected to finish on August 30, 2019. Work will be on-going 24-hours per day, seven days a week. Detailed project information and information concerning waterway closures will be provided via updated local notice to mariners, broadcast notice to mariners and marine safety information bulletins. Tugs, crane barges, material barges, support vessels and crew boats will be operating or stationed in the vicinity of the existing and new bridge. Crane barges will be secured in place with four anchors connected by anchor wires to the corners of the barge. The anchor locations will be marked with yellow crown buoys within an approximate 500-ft radius of the crane barge. A work trestle/loading dock will be constructed approximately 200 yards south of the southeastern end of the existing Bonner Bridge, on the southwest side of South Point in Pamlico Sound, extending 150 feet southwesterly from the shoreline and terminate at approximately 35.766 N, 75.526 W. Running parallel to the dock will be a 245 foot breast-line comprised of eight 36-inch hollow pipe piles spaced fifty feet apart, to be used for mooring purposes. The breast-line will begin near shore and terminate at approximately 35.765N, 75.527 W. Each pile will be lit by a flashing white light. PCL Civil Constructors tugs and vessels will monitor VHF-FM channels 13 and 16 when work is in progress or vessels are operating in the area. The NCDOT Resident Engineer may be contacted at (252) 473-3637 and PCL Civil Constructors may be contacted at (252) 423-3093. Project information may be found at http://www.ncdot.gov/projects/bonnerbridgereplace/.

Chart 12205 LNM: 18/16

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

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

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

following dates and times:
August 23, 2016: 12:01 p.m. until 4:00 p.m.
August 24, 2016: 9:00 a.m. until 1:00 p.m.
Persons or vessels requiring entry into, or passage through, any portion of the safety zone during the above temporary closures must first request authorization from the Captain of the Port or on scene designated representatives aboard on scene safety vessels. The Captain of the Port can be contacted via telephone at (910) 343-3882 or by radio on VHF Marine Band Radio, channels 13 and 16. On scene safety vessels can be contacted by radio on VHF Marine Band Radio, channels 13 and 16.

Chart 11541 LNM: 33/16

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

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

Chart 11536 LNM: 21/16

SECTION VIII - LIGHT LIST CORRECTIONS

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
4870	*Isle of Wight Bay Lighted Wreck Buoy WR13* Marks submerged piles.	38-22-02.301N 075-05-24.855W	Q G		4	Green.		33/16
*	*	*	*	*	*	*	*	
4870	ISLE OF WIGHT BAY LIGHT 13						Remove from list. *	33/16
4871	*Isle of Wight Bay Lighted Wreck Buoy WR14* Marks submerged piles.	38-22-12.360N 075-05-29.759W	Q R		4	Red.		33/16
*	*	*	*	*	*	*	*	
4871	ISLE OF WIGHT BAY LIGHT 14						Remove from list. *	33/16
5010	*Sinepuxent Bay Channel Lighted Wreck Buoy WR4* Marks submerged piles.	38-19-04.287N 075-06-28.538W	Q R		4	Red.		33/16
*	*	*	*	*	*	*	*	
5010	SINEPUXENT BAY CHANNEL LIGHT 4						Remove from list. *	33/16
5045	*Sinepuxent Bay Channel Lighted Wreck Buoy WR11A* Marks submerged piles.	38-17-32.739N 075-07-40.646W	Q G		4	Green.		33/16
*	*	*	*	*	*	*	*	
5045	Sinepuxent Bay Channel Daybeacon 11A						Remove from list. *	33/16
5070	*Sinepuxent Bay Channel Lighted Buoy 16*	38-15-34.200N 075-08-36.432W	Fl R 2.5s		4	Red.		33/16
*	*	*	*	*	*	*	*	
5070	SINEPUXENT BAY CHANNEL WRECK LIGHT WR16						Remove from list. *	33/16

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
5075	*Sinepuxent Bay Channel Lighted Wreck Buoy WR17*	38-15-06.951N 075-08-46.844W	Q G		4	Green.		33/16
	Marks submerged piles.							
*	*	*	*	*	*	*	*	
5075	Sinepuxent Bay Channel Daybeacon 17						Remove from list.	33/16
							*	
5135	Sinepuxent Bay Channel Buoy 35	38-11-05.502N 075-12-53.064W				Green can.		33/16
*	*	*	*	*	*	*	*	
5135	Sinepuxent Bay Channel Daybeacon 35						Remove from list.	33/16
							*	
5145	*Sinepuxent Bay Channel Lighted Wreck Buoy WR39*	38-10-03.902N 075-14-13.338W	Q G		4	Green.		33/16
	Marks submerged piles.							
*	*	*	*	*	*	*	*	
5145	SINEPUXENT BAY CHANNEL LIGHT 39						Remove from list.	33/16
							*	
5200 5510	*Chincoteague Bay Lighted Buoy 28*	38-08-04.864N 075-15-04.697W	Fl R 4s		4	Red.		33/16
*	*	*	*	*	*	*	*	
5200	CHINCOTEAGUE BAY LIGHT 28						Remove from list.	33/16
							*	
5220 5490	*Chincoteague Bay Lighted Buoy 21*	38-03-08.260N 075-17-02.240W	Fl G 4s		4	Green.		33/16
*	*	*	*	*	*	*	*	
5220	CHINCOTEAGUE BAY LIGHT 21						Remove from list.	33/16
							*	
5490	CHINCOTEAGUE BAY LIGHT 21						Remove from list.	33/16
							*	
5490 5220	*Chincoteague Bay Lighted Buoy 21*	38-03-08.260N 075-17-02.240W	Fl G 4s		4	Green.		33/16
*	*	*	*	*	*	*	*	
5510	CHINCOTEAGUE BAY LIGHT 28						Remove from list.	33/16
							*	
5510 5200	*Chincoteague Bay Lighted Buoy 28*	38-08-04.864N 075-15-04.697W	Fl R 4s		4	Red.		33/16
*	*	*	*	*	*	*	*	
5772	Virginia Inside Passage Buoy 55						Remove from list.	33/16
							*	
5773	Virginia Inside Passage Buoy 55A						Remove from list.	33/16
							*	
5776	Virginia Inside Passage Buoy 57						Remove from list.	33/16
							*	
5777	Virginia Inside Passage Buoy 59						Remove from list.	33/16
							*	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
5955	Virginia Inside Passage Buoy 110						Remove from list.	33/16
							*	
6139	Virginia Inside Passage Buoy 158A						Remove from list.	33/16
							*	
6260	Virginia Inside Passage Buoy 194						Remove from list.	33/16
							*	
6275	Virginia Inside Passage Buoy 198						Remove from list.	33/16
							*	
6605	Wachapreague Inlet Buoy 1	37-34-28.571N 075-34-40.851W				Green can.		33/16
		*						
6610	Wachapreague Inlet Buoy 2	37-34-36.003N 075-34-38.202W				Red nun.		33/16
		*						
6736	Quinby Inlet Channel Buoy 2						Remove from list.	33/16
							*	
6736.1	Quinby Inlet Channel Buoy 2A						Remove from list.	33/16
							*	
6740	*Quinby Inlet Channel Lighted Buoy 4*						Remove from list.	33/16
							*	
23003	Rhodes Point Gut Channel Buoy 4	37-58-12.356N 076-02-25.947W				Red nun.		33/16
*	*	*	*	*	*	*	*	
29763	New River Buoy 17A	34-34-01.795N 077-22-00.996W				Green can.		33/16
		*						
29780	Courthouse Bay Buoy 4	34-35-02.326N 077-22-31.369W				Red nun.		33/16
		*						
30200	Wrightsville Channel Junction Daybeacon WC						Remove from list.	33/16
							*	
30200	Wrightsville Channel Junction Buoy WC	34-11-20.214N 077-49-00.114W				Green and red bands; can.		33/16
*	*	*	*	*	*	*	*	
32735	DEEP COVE LIGHT 1	35-19-48.501N 076-23-36.676W	Fl G 2.5s	15	4	SG on pile.		33/16
		*						
33550	WEST BAY LIGHT 11WB	34-56-32.988N 076-23-16.568W	Fl G 2.5s	15	4	SG on pile.		33/16
		*						

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
35980	NEW JERSEY INTRACOASTAL WATERWAY LIGHT 252	39-17-11.364N 074-34-39.508W	Fl R 2.5s	15	4	TR-TY on pile.		33/16
					*			
39825	NEW RIVER - CAPE FEAR RIVER LIGHT 163						Remove from list.	33/16
							*	
39825	*New River - Cape Fear River Lighted Buoy 163*	34-03-04.744N 077-55-08.715W	Fl G 4s		4	Green with yellow square.		33/16
*	*	*	*	*	*	*	*	

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. Harris Creek Oyster Reef Restoration sites.

SUMMARY OF SHOALING REPORTED IN THE FIFTH COAST GUARD DISTRICT

DELAWARE SHOALING

DE- INDIAN RIVER BAY – SHOALING (Chart 12216)
There has been a report of shoaling in Indian River Bay between Indian River Inlet Buoy 19 (LLNR 4435) and Middle Island West Channel Junction Lighted Buoy MI (LLNR 4436). Depths of 0.0 ft at times, during low tide, were reported.

NEW JERSEY SHOALING

NJ - INTRACOASTAL WATERWAY- SANDY HOOK TO LITTLE EGG HARBOR - MANASQUAN - ATLANTIC CITY (Chart 12312)
There has been a report of shoaling in the New Jersey Intracoastal Waterway within the channel boundaries in the vicinity of New Jersey Intracoastal Waterway Light 40 (LLNR 35125), to a depth of less than 4 feet 9 inches at mean low water.
Ref LNM 05/16

PENNSYLVANIA SHOALING

MARYLAND SHOALING

MD – CHESAPEAKE BAY- CHESTER RIVER – KENT ISLAND NARROWS NORTH APPROACH (Chart 12272)
Shoaling has been reported in Kent Island Narrows North Approach Channel. Depths less of less than 4 feet have been reported between Kent Island Narrows North Approach LT 4 (LLNR-26425) and Kent Island Narrows North Approach LT 6 (LLNR-26435) on the red side of the channel. Vessels transiting the Kent Island Narrows North Approach Channel should exercise caution. Ref LNM 05/16

******MD - CHESAPEAKE BAY - TANGIER SOUND - NORTHERN PART - RHODES POINT GUT CHANNEL****** (Chart 12228)
There has been a report of shoaling in Rhodes Point gut channel within the channel boundaries between Rhodes Point Gut Channel Buoy 3 (LLNR 23000) and Rhodes Point Gut Channel Buoy 5 (LLNR 23005), to a depth of less than six feet at mean low water. Depth is reading approx one and a half feet. Ref MD BNM 278-16

MD - FENWICK ISLAND TO CHINCOTEAGUE INLET - SINEPUXENT BAY – SHOALING (Chart 12211)
Shoaling has been found in Sinepuxent Bay Channel in the following locations: Sinepuxent Bay Channel Daybeacon 11B (LLNR 5050), shoaling encroaches approximately 20 yds into the channel in a southwesterly direction. Water depths have been found as low as 2.5 ft during low tide. Between Sinepuxent Bay Channel Light 8 (LLNR 5020) and Sinepuxent Bay Channel Daybeacon 10 (LLNR 5035), shoaling encroaches approximately 15 yds into the channel in an easterly direction. Water depths have been found as low as 2 ft during low tide. Between Sinepuxent Bay Channel Buoy 33 (LLNR 5130) and Sinepuxent Bay Channel Daybeacon 35 (LLNR 5135) on the eastern side of the channel. Water depths have been found as low as 3 ft during low tide.

VIRGINIA SHOALING

VA – NANDUA CREEK (Chart 12226)
Shoaling has been reported at the entrance to Nandua Creek to 2 feet. HR BNM 311-13

VA – VIRGINIA INSIDE PASSAGE (VIP) (Chart 12210, 12224)
VIP Day beacon 107 (LLNR 5950) to VIP Day beacon 265 (LLNR 6580), Shoaling to less than 6ft MLW. HR BNM 106-16
Quinby Creek Day beacon 7 (LLNR 6770) to Quinby Creek Light 13 (LLNR 6785), Shoaling to less than 6 ft MLW. HR BNM 104-16
VIP Day beacon 244 (LLNR 6485), Shoaling to 1 foot. HR BNM 272-14
Sand Shoal Channel Light 1 (LLNR 6990) to Sand Shoal Light 10 (LLNR 6996) LNM 24-13
Oyster Creek Channel Junction Lighted Buoy OC (LLNR 7002/6447) to Oyster Creek Light 10 LLNR 7025), Shoaling to less than 6ft MLW. HR BNM 107-16

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE – URBANNA CREEK (Chart 12235)
Shoaling has been reported to less than 2 feet at MLW in Urbanna Creek between Urbanna Creek Light 5 (LLNR 15253) and Day beacon 7 (LLNR 15260). HR BNM 549-15

VA – CHESAPEAKE BAY – RAPPAHANNOCK RIVER ENTRANCE – MILFORD HAVEN (Chart 12235)
Shoaling has been reported to less that 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

NORTH CAROLINA SHOALING

NC – EMERALD ISLE – SWANSBORO COAST GUARD CHANNEL (Chart 11541)
Shoaling has been reported to 2.6' in the vicinity of Swansboro Coast Guard Channel Buoy 3A (LLNR 29608) and Swansboro Coast Guard Channel Light 5 (LLNR 29645). NC BNM 219-13

NC – ICW - NEUSE RIVER TO MYRTLE GROVE SOUND - NEW RIVER – CAPE FEAR RIVER (Chart 11541)
Shoaling to 2.6 feet has been reported in the vicinity of New River- Cape Fear River Buoy 99A (LLNR 39548). NC BNM 048-15

NC - NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE INLET (Chart 11541)
Shoaling to 4.5 feet has been reported in the vicinity of Bogue Inlet Lighted Buoy 1 (LLNR 29495), and Bogue Inlet Buoys 2 and 3 (LLNR 29500 and 29505). NC BNM 255-14

NC – NEUSE RIVER TO MYRTLE GROVE SOUND - NEW RIVER – NEW RIVER INLET (Chart 11542)
Shoaling has been reported to 2 feet in New River Inlet Channel. NC BNM 003-15

NC – CURRITUCK BEACH LIGHT TO WIMBLE SHOALS – OREGON INLET (Chart 12204)
Shoaling has been reported to 2 feet in Oregon Inlet Channel near the Bonner Bridge. NC BNM 642-14

NC – NEUSE RIVER TO MYRTLE GROVE – BANKS SLOUGH CHANNEL (Chart 11541)
Shoaling has been reported to 0.5 feet in Banks Slough Channel. NC BNM 658-14

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

NC – CAPE HATTERAS – SOUTH FERRY TERMINAL – SHOALING (Chart 11555)
Shoaling has been reported to 2.6 feet in South Ferry terminal between South Ferry Terminal Lighted Buoy 1SF (LLNR 28699.1) and South Ferry terminal Light 7 (LLNR 28715). NC BNM 031-16, 069-16

NC – ICW - NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE SOUND - NEW RIVER (Chart 11541)
Shoaling to 3 feet has been reported in the vicinity of Bogue Sound - New River buoys 72A (LLNR 39300), 72B (LLNR 39303) and 74 (LLNR 39305). LNM 06-15

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

NC – ICW - NEUSE RIVER TO MYRTLE GROVE - RUSSELL SLOUGH (Chart 11541)
Shoaling has been reported to 1 foot in vicinity of Russell Slough Day beacon 6A (LLNR 38467) NC BNM 344-15

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

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – CAROLINA BEACH INLET (Chart 11541)
Shoaling to 2.6 feet has been reported in Carolina Beach Inlet from Carolina Beach Inlet Buoy 1 (LLNR 30265) to buoy 6 (LLNR 30290). NC BNM 659-15, 206-16

NC – OCRACOKE INLET AND NORTHERN CORE SOUND – OCRACOKE INLET – BIG FOOT SLOUGH (Chart 11541)
Shoaling has been reported in Big Foot Slough between Big Foot Slough Day beacon 10A (LLNR 29070) and Buoy 11 (LLNR 29070.3) NC BNM 657-15

NC - MOREHEAD CITY (Chart 11547)
Shoaling has been reported to 10 feet between Buoys 16 – 17 and to 17 feet between buoys 13 and 15. NC BNM 036-16

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

NC – INTRACOASTAL WATERWAY - MYRTLE GROVE SOUND TO LITTLE RIVER (Chart 11534)
Shoaling to 1 foot has been reported in the vicinity of Lockwoods Folly Inlet at Cape Fear River – Littler River Buoy 47 (LLNR 40225) NC BNM 256-16

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

(Yellow indicates new item)

CURRENT PROJECTS

Permits:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

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

SECTOR DELAWARE BAY

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

SECTOR HAMPTON ROADS

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

SECTOR NORTH CAROLINA

- ***North Carolina* - None**

Regulations:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

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

SECTOR DELAWARE BAY

- ***Delaware –*** None
- ***New Jersey (Central & Southern)***
  NJICW – Barnegat Bay – SR37 (vertical-lift) Bridge – The CG is temporarily modifying the drawbridge operating schedule between December 1, 2015 and March 31, 2018. Over the span of two and half years, the drawbridge will be closed to navigation for three four-month closure periods in the winter months. Extensive replacement of parts and repairs to the bridge necessitate these closures.
  New Jersey Intracoastal Waterway (NJICW) (Beach Thorofare) (Inside Thorofare) - Route 30 (Absecon Boulevard) Bridge and US40-322 (Albany Avenue) Bridge - Will remain in their closed-to-navigation position to accommodate increased pedestrian and vehicular traffic of the 2016 Atlantic City Air Show. These bridges will remain in their closed position from 7:30 a.m. to 10:30 a.m. and from 4 p.m. to 8 p.m. on Wednesday August 17, 2016. These bridges will open for emergencies. Mariners able to pass under the bridges in their closed position (20 feet and 10 feet, respectively, above Mean High Water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area.
- ***Pennsylvania*** – None

SECTOR HAMPTON ROADS

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

SECTOR NORTH CAROLINA

- ***North Carolina*** - 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.

  Choptank River - MD 331/Dover (fixed) Bridge – CG Bridge Permit signed by CGHQ on September 16, 2014. Maryland State Highway Administration is constructing a new fixed single-span concrete bridge, adjacent to the existing swing bridge to be completed in August 2016. The existing swing bridge will be retained for historic purposes and placed in the open position to navigation. The new bridge will have a vertical clearance of 48.5 feet above mean high water (MHW) and a horizontal clearance with two separate 80-foot channels between face of pilings.

  Patapsco River - South Branch - I-695/Francis Scott Key Bridge - To facilitate the steel repairs, reach the lower portions of the bridge, and for safety, a small barge will be utilized when working over the waterway. Inspection personnel and equipment will be working at the bridge during this period and will be in proximity to the navigable channel but they do not anticipate any disruption to navigation traffic and will relocate from the navigation channel upon request for vessel passage. Mariners should exercise caution when transiting the area.

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

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

- ***Washington DC*** –

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

  Potomac River – Washington DC Long Bridge – Maintenance will be performed on the bridge between March 10, 2016 and March 28, 2017. There is no pier work or work over the navigational channel. Mariners should use extreme caution when transiting the area.

  Virginia (Northern) **- None**

SECTOR DELAWARE BAY

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

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

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

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

  Tuckahoe River - Route 50/State Highway Bridge - Mariners are advised of continued demolition work. The next stage of demolition work will include removal of the bridge superstructure, abutment walls, fender system and the bascule piers from 7:00 a.m. to 3:30 Monday through Friday, from September 2016 through January 2017. Mariners should adjust their transits accordingly.

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

- ***Pennsylvania*** –
  Delaware River – Walt Whitman Bridge (I-76) - Painting of the suspension spans and towers will be conducted from October 19, 2015 to March 31, 2018, between 7 a.m. and 5 p.m. daily. A work platform extending 3 feet beneath the lower portion of the bridge will be installed over the entire length of the bridge. The vertical clearance of the bridge will be reduced by 3 feet to approximately 136 feet above MHW. Mariners should use caution when transiting the area.
  Delaware River - Interstate 276/Delaware River Turnpike Bridge - Repainting and miscellaneous improvements will be performed from mid-November 2015 through December 31, 2017. All work on the bridge superstructure will be performed 7 am to 7 pm during the week and 6 am to 6 pm on the weekends. The overhead work will never occupy more than 55% of the channel and will reduce the vertical clearance by 5 ft. The construction company can be contacted at 856-429-3400. Mariners should use extreme caution when transiting the area.
  Delaware River - I-276 (Delaware River Turnpike) Bridge - Bridge maintenance will be conducted between August 9, 2016 and October 15, 2016; M-F; from 7 a.m. to 3:30 p.m. Repairs to the bridge fender system and pier structure will occur. A crane barge and a 25 ft. work boat will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will be working outside the navigable channel. The work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (856) 207-3005 and VHF-FM channel 13. Mariners should use caution when transiting the area.

SECTOR HAMPTON ROADS

- ***Virginia (Southern)***
  AICW – Elizabeth River Southern Branch – Dominion Blvd Replacement (fixed) Bridge Project – Contractors have installed the permanent beam and construction continues through March 2017. The fixed height is at 95 feet above MHW. The old steel (bascule) bridge spans have been completely removed.
  Lynnhaven Inlet – US 60/John A. Lesner (fixed) Bridge – Work is in progress through June 2017 for a new replacement bridge at essentially the same location. The new bridge will have a vertical clearance of 45 feet above MHW, along with a horizontal clearance of 150 feet between face of the fenders. A dredge material placement site will be located southwest of the existing bridge, adjacent to the boat ramp facility and used as a staging area. The contractor will access the lay down and staging area via the waterway through a proposed temporary bulkhead.
  North Landing River - S165 Bridge – Bridge has sustained damage and will not be capable of normal operation until October 1, 2016. The north span of the bridge will open-to-navigation on the hour and half hour, upon request, from 6 a.m. to 7 p.m., and on demand from 7 p.m. to 6 a.m. The north span of the bridge will open-to-navigation and the south span of the bridge will partially open-to-navigation, upon request, for scheduled openings at 9:30 a.m. for vessels transiting southeast, 10:30 a.m. for vessels transiting northwest, and noon and 2 p.m. for two-way vessel traffic through the bridge; Monday through Friday. The horizontal clearance of the bridge with the south span closed-to-navigation is 38 feet and the horizontal clearance of the bridge with south span partially open-to-navigation is 70 feet. The north span of the bridge will open-to-navigation for emergencies. The vertical clearance of the bridge in the closed position is 6 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so, after receiving confirmation from the bridge tender that it is safe to transit through the bridge. Mariners should use extreme caution when transiting the area.
  Diascund Creek - Newport News Waterworks Pipeline bridge – Bridge maintenance will be conducted between July 1, 2016 and January 30, 2017; Monday-Friday; from 7 a.m. to 5 p.m. Repair and rehabilitation of the bridge will occur. A barge and work boats will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (757) 621-4930 or (757) 621-4932. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and should use caution when transiting the area.
  AICW – Elizabeth River Southern Branch - Gilmerton Bridge (US13/460) – Bridge has sustained damage and will not be capable of normal operation until September 19, 2016. The bridge will be maintained in the closed-to-navigation position until midnight September 18/19, 2016; except for scheduled openings at 9 a.m., noon, 3 p.m. and 7 p.m., Monday through Friday; and 9 a.m. and 3 p.m. on Saturday and Sunday. The bridge will open on signal for emergency vessels if at least one hour notice is given. The vertical clearance of the bridge in the closed position is 36 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so. Mariners should use extreme caution when transiting the area.
  York River - Coleman Memorial Bridge (US 17) – Bridge will be maintenance in the closed-to-navigation position on certain Sundays from 7 a.m. to 7 p.m. as follows: Sunday, May 15, 2016 with an inclement weather date on Sunday, May 22, 2016; Sunday, June 5, 2016 with an inclement weather date on Sunday, June 12, 2016; Sunday, June 19, 2016 with an inclement weather date on Sunday, June 26, 2016; Sunday, July 10, 2016 with an inclement weather date on Sunday, July 17, 2016; Sunday, July 31, 2016 with an inclement weather date on Sunday, August 7, 2016; and August 21, 2016 with an inclement weather date on Sunday, August, 28, 2016. The bridge has a vertical clearance in the closed position of 60 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so at anytime and are advised to proceed with caution. During this modified temporary deviation, the bridge will not be able to open for emergencies and there is no immediate alternate route for vessels unable to pass through the bridge in the closed position. At all other

times, the bridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Part 117.1025. Mariners should adjust their transits accordingly.

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

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

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)**.**

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 Carolin****a* – None

SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS CURRENTLY IN PROGRESS

PA/NJ –DELAWARE RIVER – NAVAL RESERVE BASIN AND FT. MIFFLIN – DREDGING (Charts 12312, 12313)
The Great Lakes Dredge and Dock Company Dredge 54 will be conducting dredging operations in the Naval Reserve Basin; scows will be transporting the material to Ft. Mifflin for hydraulic offloading. Operations will be conducted between August and **October 2016**. Questions or additional information please contact Timothy Kremer, 630-750-5640. Ref LNM 30/16

DE/NJ – DELAWARE RIVER - TINICUM ISLAND, EDDYSTONE, CHESTER AND MARCUS HOOK RANGES - DREDGING AND ROCK REMOVAL - MAIN CHANNEL DEEPENING (Chart 12312)
Great Lakes Dock and Dredge Company will be dredging and blasting between the Tinicum Range and Marcus Range until **15 March 2017.** For questions or comments contact Timothy J. Kremer, 630-750-5640, TJKremer@gldd.com. Ref LNM 27/16

DE – DELAWARE RIVER - CHRISTINA RIVER - WILMINGTON HARBOR – DREDGING (Chart 12311**)**
The dredge ESSEX will be conducting dredging operations in the Wilmington Harbor in the Christina River from July 16 until **September 30, 2016**.Traffic should call the dredge ESSEX 30 minutes prior to expected time of passage to make passing arrangements. Hours of work are 24 hours a day, 7 days a week. Mariners can contact the dredge ESSEX on VHF-FM channel 13 or 16 for information.

PA – DELAWARE RIVER – MARCUS HOOK, PA – DOCK CONSTRUCTION (Chart 12312)
Commerce Construction Corporation crane barge SAMSON will be performing dock construction work on the Sunoco logistics dock #1A in the Delaware River at the Marcus Hook industrial complex, Marcus Hook, PA. Work is expected to be completed on or about **30 June, 2017**. Ref LNM 05/16

PA – DELAWARE RIVER – CRITICAL LIFT OPERATIONS (Chart 12312)
Mariners are advised that the crane barge SAMSON will be conducting critical lift operations in the Delaware River, in Marcus Hook, PA from February until **30 June, 2017**. Ref LNM 08/16

PA/NJ – DELAWARE RIVER – DREDGING OPERATIONS (Chart 12313)
Charter Contracting with be performing mechanical dredging operations in the Delaware River, at GP Gypsum Corporation, in Camden, NJ from July 1, 2016 to **February 28, 2017**. A 48ft by 125ft deck barge with excavator and clamshell bucket, 2 hopper scows, 1 push boat, and 1 work boat will be in the vicinity. Ref LNM 26/16

NJ- LITTLE EGG INLET TO HEREFORD INLET - GREAT EGG HARBOR INLET (Chart 12316, 12318)
Great Lakes Dredging Company is currently demobilizing dredging equipment and dredge pipeline from Great Egg Harbor Inlet borrow area, off the coast of Peck Beach in Ocean City. During demobilization a portion of the pipeline was found shoaled in and covered with bottom sediment. The pipeline location begins 2658ft from the Peck Beach ocean front beginning at point 39d 16’ 57”N, -074d 32’ 41”W, then east to 39d 16’ 56”N, -74d 32’ 26W, then east to 39d 16’ 54”N, -074d 32’ 16”W, then ending north east at point 39d 17’ 1”N, -074d 32’ 8”W. The pipeline covered in shoal sediment has approximately 5-6ft depth at MLLW.

NJ – BARNEGAT INLET TO LITTLE EGG INLET – BEACH FILL OPERATIONS (Charts 12323, 12324)
Great Lakes Dredge and Dock Company Dredges Dodge Island, Padre Island and Liberty Island will be conducting beach fill operations in the area of Barnegat Inlet to Little Egg Inlet, NJ from April to **September 2016**. Material will be dredged from a borrow area approximately 3 NM offshore of Harvey Cedars and pumped directly to shore using multiple pipelines.
Ref LNM 16/16

NJ – GREAT EGG HARBOR BAY – DRAG CHANNEL - BRIDGE CONSTRUCTION & DEMOLITION UPDATE (Chart 12316)
Mariners are advised that marine work consisting of several activities including but not limited to temporary cofferdam construction, superstructure erection and demolition are in progress through **December 2018** for the replacement of the existing southbound bridges carrying the Garden State Parkway, and rehabilitation of the northbound bridges carrying the Garden State Parkway. Ref LNM 03/16

MD – SUSQUEHANNA RIVER – CONOWINGO RESERVOIR – CONSTRUCTION (Chart 12274)
Old Dominion Electric Corporation will commence construction of the Wildcat Point Generation Facility water intake/discharge infrastructure within the Conowingo Reservoir starting on 18 January, 2016, with construction expected to last approximately **30 September, 2016**. Ref LNM 02/16

******MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR - PIER FACILITY REHABILITATION**** (**Chart 12278)
Marine Technologies Inc will be conducting crane pier facility rehabilitation on Hart Miller Island from 8 Aug to **22 Oct 2016**, in approximate position 39.1426.62N, 76.2151.89W. Work will be conducted from two Spud Barges during daylight hours. Dustin Hawley, Project Manager, 443-388-0224, 24/7.

MD – BALTIMORE HARBOR – DREDGING (Chart 12281)
On behalf of the Maryland Port Administration a contractor will be conducting dredging operations at the Fairfield Marine Terminal between Piers 3 and 4 between Jul and **Sept 2016**. Please contact Maura Morris, Project Manager at 410-729-8369 for questions or additional information.

MD – CHOPTANK RIVER ROUTE 331 DOVER ROAD – BRIDGE REPLACEMENT (Chart 12268)
Mclean Contracting Corporation will commence construction a new bridge just south of the existing Dover Road Route 331 Bridge until **November 2017**. Ref LNM 39/14

******MD – CHESAPEAKE BAY – WICOMICO RIVER - HORIZONTAL DIRECTIONAL BORING****** (Chart 12261)
Delmarva Power & Light Company (DPL) will be horizontally directionally boring (HDD) a minimum of 20 feet under the Wicomico River to install electric utility conduits. Entrance and exit locations in uplands on the south-side of the Wicomico River at the City of Salisbury Pumping Station and on the north-side of the Wicomico River, east of Hess Road, Salisbury, MD.
The HDD bore will be at least 20 feet below the bottom of the Wicomico River. September 6 to **November 30, 2016**. Please call Chuck Reed, DPL Environmental Planning at 302-283-6076 with any questions.

DC – UPPER POTOMAC RIVER/WASHINGTON CHANNEL (Chart 12289)
Dockside demolition/bulkhead repair until **December, 2020**. Ref: LNM 12/14

VA – CHESAPEAKE BAY – YORK RIVER – TEMPORARY MOORING BUOYS (Chart 12241)
Corman Marine established twelve temporary mooring buoys on the York River to support the construction of a new outfall and diffuser for the Hampton Roads Sanitation District Yorktown Water Treatment Plant. Ten of the buoys will be north of the York River Channel, south of Allens Island. The two buoys south of the channel located west of the northern entrance to Goodwin Thorofare Channel. All buoys are white with a blue stripe, and outfitted with a slow flashing white light. Ref LNM 26/16

******VA – JAMES RIVER – JAMESTOWN ISLAND TO JORDAN POINT - DREDGING****** (Chart 12251)
The Cottrell Dredge Marion will be conducting dredging operations on the James River between James River Channel Lighted Buoy 57 (LLNR 12200) and Lighted Buoy 66 (LLNR 12250) from 12 August to **30 Septeber 2016**.

VA – CHESAPEAKE BAY – LITTLE CREEK INLET – DEMOLITION AND REPAIR Work (Chart 12254)
The U.S. Navy is currently conducting demolition and repair work to the ramp adjacent to and East of the entrance jetty to Joint Expeditionary Base Little Creek, VA., until **November 2016.** Ref LNM 52/15

VA – CHESAPEAKE BAY – CAPE CHARLES TO WOLF TRAP – DREDGING OPERATIONS (Chart 12224)
The dredge Rockbridge will be conducting dredging operations in the Cherrystone Inlet Channel from the Cape Charles City Lighted Buoy 1CC (LLNR 21450) to Cape Charles City Light 4 (LLNR 21470) from July 18 through **October 15, 2016**, 24 hours a day, seven days a week. Ref LNM 29/16

VA – CHESAPEAKE BAY – CAPE CHARLES TO WOLF TRAP – DREDGING (Chart 12224)
The Saxton will be conducting dredging operations in the Cherrystone Inlet Channel of the Cape Charles City Channel between Cape Charles City Lighted Buoy 1CC (LLNR 21450) and Cape Charles City Light 4 (LLNR 21470). The dredge will conduct operations from 1 June through **September 15, 2016.** The dredge Rockbridge monitors VHF channels 13 and 16. Dredging operations will be conducted twenty-four (24) hours a day seven (7) days a week. Ref LNM 20/16

VA – 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. Dredging pipeline will run behind the dredge on the landward side of Restricted Area 334.280 and then on to shore. The dredge will conduct operations from May 11 through **August 21, 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 – BEAUFORT INLET- DREDGING (Chart 11547)
The DUTRA Group will conduct dredging operations in Beaufort Inlet between 15 June and **15 Sept 2016**. The project includes the dredging of Range A and Range B. Dan Marine Towing will be operating the tug COLONEL along with the barge PAULA LEE and 2 dump scows 24/7. For questions involving dredge operations please call (415) 717-7214. Ref LNM 23/16

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

NC – MOREHEAD CITY HARBOR- MOREHEAD CHANNEL – DREDGING (Chart 11547)
Dutra Dredging will be conducting dredging operations in Morehead City Harbor and Morehead Channel, Ranges A and B from 25 Jul to 31 Oct 2016. Dredge DB PAULA LEE and vessels Trojan and Colonel will also be on scene, all vessels will monitor Channels 12, 14, and 82. For further information contact Brad Shoffit (415)-519-4262 or Joe Dunlap (415) 302-8709.

NC - PERQUIMANS RIVER - HERTFORD - NC - BRIDGE CONSTRUCTION (Chart 12205)
Construction repairs to the fender system on the Route 17 Bridge crossing the Perquimans River in Hertford, NC. The repairs are to the fender system and anticipated to take place between January 4, 2016 and **August 30, 2016**. Ref LNM 49/15

NC - CAPE FEAR RIVER – PORT OF WILMINGTON – DREDGING (Chart 11537)
The Bucket dredge VIRGINIAN and auxiliary equipment will be conducting dredging operations in the vicinity of the Port of Wilmington, NC, Lower Anchorage Basin and Kinder Morgan Liquid Bulk Pier on the Cape Fear River until approximately **30 August, 2016**. Ref LNM 23/16

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

MD – HEAD OF CHESAPEAKE BAY AND BALTIMORE HAROR – POKER RUN
The annual "Rock the Bay" power boat poker run is scheduled to occur on the upper Chesapeake Bay on **August 27, 2016**, between 12:05 p.m. and 5 p.m. Up to 60 participating vessels (24 to 52 feet in length) will depart North East, MD, transit southward in the Northeast River and upper Chesapeake Bay to stops in the Sassafras River, Patapsco River-Middle Branch and Tolchester Beach, before returning to North East, MD. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12274, 12278

MD – HEAD OF CHESAPEAKE BAY – NORTHEAST RIVER – SWIM EVENT
The swim portion of the annual "North East Triathlon" is scheduled to occur in the Northeast River on **August 28, 2016**, from 7:30 a.m. to 8:30 a.m. Approximately 800 swimmers will compete in waves along 750-meter sprint course marked with inflatable buoys with a start and finish located at the North East Community Park. Official patrol personnel on scene can be contacted on marine band radio VHF-FM channel 16. In addition, on August 27, 2016, from 2:30 p.m. to 3:30 p.m., the swimmers will conduct a swim practice and safety clinic on the water in the same area as the competition held on Sunday. Swimmers will be supported by sponsor-provided watercraft. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (4100 576-2693. Chart 12274

MD – HEAD OF CHESAPEAKE BAY AND BALTIMORE HAROR – POKER RUN
The annual "Rock the Bay" power boat poker run is scheduled to occur on the upper Chesapeake Bay on **August 27, 2016**, between 12:05 p.m. and 5 p.m. Up to 60 participating vessels (24 to 52 feet in length) will depart North East, MD, transit southward in the Northeast River and upper Chesapeake Bay to stops in the Sassafras River, Patapsco River-Middle Branch and Tolchester Beach, before returning to North East, MD. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12274, 12278

MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – PATAPSCO RIVER - BOAT PARADE
An annual boat cruise is scheduled to occur on the Patapsco River on **August 20, 2016**, between 12:30 p.m. an 4 p.m. The event consists of 20 pleasure boats (18-40 feet in length) departing North Point Yacht Club in Jones Creek, forming and proceeding as a group to the Fort McHenry National Monument & Historic Shrine in Baltimore, MD, then returning (non-stop) to Jones Creek. Due to mostly non-boating guests on board the participating vessels, mariners are urged to remain alert for a group of pleasure boats traveling in-line, and to operate in a safe manner near participating vessels as this event proceeds. Official safety patrols on scene can be contacted via Marine Band Radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone (410) 576-2674 or (410) 576-2693.
Charts 12278, 12281

******MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – PATAPSCO RIVER - BALTIMORE'S INNER HARBOR - REGULATED AREA******
The biennial Catholic Charities Dragon Boat Races are scheduled to occur in Baltimore's Inner Harbor on September 10, 2016, from 8 a.m. to 4 p.m. The 400-meter sprint races consist of up to four boats per heat, with the course located between the Maryland Science Center and the World Trade Center at Baltimore, MD. Course set up and break down will occur from 6 a.m. to 8 a.m. and from 4 p.m. to 6 p.m., respectively. As described in Title 33 Code of Federal Regulations Section 100.501, a regulated area is established for all waters of the Patapsco River, Baltimore Inner Harbor, from shoreline to shoreline, bounded on the east by a line drawn along longitude 076°36′30″ W. This area will be enforced from 8 a.m. to 4 p.m. on September 10, 2016. The Coast Guard Patrol Commander (PATCOM) or designated marine event patrol may forbid and control the movement of all vessels in the regulated area. When hailed or signaled by an official patrol vessel, a vessel in this area shall immediately comply with the directions given. Failure to do so may result in expulsion from the area, citation for failure to comply, or both. The operator of any vessel in the regulated area shall (i) stop the vessel immediately when directed to do so by any Official Patrol and then proceed only as directed, (ii) all persons and vessels shall comply with the instructions of the Official Patrol, and (iii) when authorized to transit the regulated area, all vessels shall proceed at the minimum speed necessary to maintain a safe course that minimizes wake near the race course. The marine event patrol and PATCOM may be contacted on VHF-FM Channel 16. The Coast Guard PATCOM may terminate the event, or the operation of any vessel participating in the marine event, at any time if deemed necessary for the protection of life or property. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, at (410) 576-2674 or (410) 576-2693. Chart 12281

******MD – CHESAPEAKE BAY – APPROACHES TO BALTIMORE HARBOR – CRAIGHILL CHANNEL – FIREWORKS DISPLAY******
A short-duration aerial fireworks display is scheduled to occur in the Chesapeake Bay near Gibson Island on **September 3, 2016** at 9 p.m. The fireworks will be launched from a fireworks barge located west of Craighill Channel Lighted Buoy 11 (LLNR 8070), in approximate position latitude 39°04'35.3" N, longitude 076°25'13.1" W. Mariners are urged to use caution when transiting the area, and heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 350 feet from the fireworks barge. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12278

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

MD – CHESAPEAKE BAY – COVE POINT TO THOMAS POINT – SAIL RACES
The Naval Academy Sailing Squadron (NASS) Regattas are scheduled to occur on the middle Chesapeake Bay, between the Wm. P. Lane, Jr. Memorial (US-50/301) Bridges and Thomas Point, MD, with four individual events scheduled from 9 a.m. to 5 p.m. on the following dates during 2016: April 16 (NASS Spring Race); September 17-18 (Shields Cup Regatta); October 22-23 (McMillan Cup Regatta); and **November 5-6** (Kennedy Cup Regatta). Each regatta consists of participating sailboats from 25 to 50 feet in length. The Race Committee can be contacted via marine band radio VHF-FM channels 16 and 77. More information is available at website: http://nass.sailregattas.com. For any comments or questions contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Chart 12270

MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – SEVERN RIVER – SAILING REGATTAS
The Annapolis Yacht Club's (AYC) annual sailing regattas are scheduled to occur in the Severn River and the Chesapeake Bay, near the mouth of the Severn River, between 10 a.m. and 4 p.m., with 21 individual events scheduled on the following dates in 2016: July 23 (*Summer One Design*); September 3-4 (*Annapolis Labor Day*), September 9-11 (*U.S. Women's Match Race Championship*), September 10 (*Fall Harbor*), September 13-15 (*Warrior Sailing Project*), September 24-25 (*Inter-Club Team Race*); October 1-2 (*Fall Series Weekend 1*), October 8 (*Fall Series Distance Race*), October 15-16 (*Fall Series Weekend 2*), October 22-23 (*Fall Eschells - Lippincott and Halloween Howl*), **October 29-30** (*J/105 & J/35 Fall Championships*). The AYC Race Committee can be contacted at racechair@annapolisyc.org. For any comments or questions, contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Charts 12270, 12282, 12283

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

MD - CHESAPEAKE BAY – BROAD CREEK – SAN DOMINGO CREEK – FIREWORKS DISPLAY
A short-duration, aerial fireworks display is scheduled to occur along San Domingo Creek on **September 3, 2016** (rain date September 4, 2016) at 9:15 p.m. The fireworks will be discharged from the end of a private pier located south of Hopkins Point at St. Michaels, MD, in approximate position latitude 38°45'30" N, longitude 076°13'28" W. Mariners are urged to use caution when transiting the area, and absent specific guidance, should remain 150 yards from the fireworks discharge site. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12266

MD – CHESAPEAKE BAY – EASTERN BAY– MILES RIVER – ST. MICHAELS HARBOR – DOCKING CONTEST
An annual workboat docking contest is scheduled to occur on the Miles River at Navy Point on **August 14, 2016**, from 11 a.m. to 4 p.m. Several Chesapeake Bay Built workboats (30-50 feet in length) will participate in a boat handling demonstration in the waters adjacent to the St. Michaels Maritime Museum at St. Michaels, MD, in approximate position latitude 38°47′14.46″ N, longitude 076°13′09.03″ W. Mariners are urged to use caution when transiting and to avoid loitering within the navigation channel near the event area. Official patrol personnel 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 at (410) 576-2674 or (410) 576-2693. Chart 12264

MD – CHESAPEAKE BAY – EASTERN BAY AND SOUTH RIVER – WEST RIVER – DISTANCE SAILING RACE
An annual distance sail race is scheduled to occur in the Chesapeake Bay and West River on **September 2, 2016**, between 12 Noon and 5 p.m. Participating sailboats (16 to 35 ft in length) will start near the mouth of the Severn River at Annapolis, MD and proceed down the Chesapeake Bay and finish in the West River on Tenthouse Creek at Galesville, MD. Interested mariners can contact the West River Sailing Club Race Committee via marine band radio VHF-FM channel 68. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12270

MD – CHESAPEAKE BAY – WEST RIVER – SAILING REGATTA
Annual sailing races are scheduled to occur in the West River during **September 3-4, 2016**, between 9 a.m. and 4 p.m. both days. Approximately 40 sailboats (16 to 35 feet in length) of various classes will operate on windward-leeward courses with offset marks located outside the navigation channel in two of three designated areas on the West river: (1) north of West River Lt 4 (LLNR 19500) at Galesville, MD; and (2) either between West River LB 1A (LLNR 19465) and Curtis Point, or between West

River ENTR LT 2 (LLNR 19470) and West River DBN 3 (LLNR 19495). The selection of the latter area is dependent upon wind conditions on the day of the event. Participants will be supported by sponsor-provided watercraft. The West River Sailing Club Race Committee can be contacted via marine band radio channel VHF-FM 16 or 68. Official safety patrol vessels on scene can be contacted via marine band radio VHF-FM channel 16. For any comments or questions, contact U. S. Coast Guard Sector Maryland-National Capital Region, at telephone number (410) 576-2674 or (410) 576-2693. Chart 12270

MD - CHESAPEAKE BAY - LITTLE ANNEMESSEX RIVER - SOMERS COVE – FIREWORKS DISPLAY
An annual fireworks display is scheduled to occur from a point of land along Somers Cove on **September 4, 2016** (rain date on September 5, 2016), at 9 p.m. Mariners are urged to use caution when transiting the area, and absent specific guidance, mariners should remain 100 yards from the fireworks discharge site on Jersey Island at Crisfield, MD, located in approximate position latitude 37°58'34" N, longitude 075°51'40" W. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12228, 12231

MD - SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE ISLAND - OCEAN CITY – WEEKLY PYROTECHNIC SHOWS
Weekly pyrotechnic shows are scheduled to occur along the North Atlantic Ocean each Sunday from May 28, 2016 to **September 4, 2016**, at 9:30 p.m. The weekly shows will occur on the beach at North Division and 1st Streets in Ocean City, MD, in approximate position latitude 38°33′07.3″ N, longitude 075°03′38.0″ W. Absent specific guidance, mariners should remain 50 yards from the show site.
Chart 12211

MD - SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE ISLAND - OCEAN CITY – WEEKLY FIREWORKS DISPLAYS
Weekly short-duration, aerial fireworks displays are scheduled to occur along the North Atlantic Ocean from July 11, 2016 to **September 3, 2016**, at 10 p.m. Each Monday and Tuesday during this period, fireworks will be discharged from the beach at North Division and 1st Streets in Ocean City, MD, in approximate position latitude 38°19′44.2″ N, longitude 075°05′03.1″ W. Absent specific guidance, mariners should remain 100 yards from the fireworks discharge site. For any comments or questions contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.
Chart 12211

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

******MD - FENWICK ISLAND TO CHINCOTEAGUE INLET – ISLE OF WIGHT BAY – FIREWORKS DISPLAY SAFETY ZONE******
An annual fireworks display is scheduled to occur in Isle of Wight on **September 4, 2016** (rain date September 5, 2016), at 9:30 p.m. As described in the Table to 33 CFR Section 165.506, a safety zone is established for all waters of Isle of Wight Bay within a 200 yard radius of the fireworks barge in approximate position latitude 38°22′31″ N, longitude 075°04′34″ W, located at Ocean City, MD. The zone will be enforced from 8:30 p.m. to 10:30 p.m. on September 4, 2016. If necessary due to inclement weather, the zone will be enforced from 8:30 p.m. to 10:30 p.m. on September 5, 2016. The effect will be to restrict vessel traffic in the Isle of Wight Bay. The fireworks barge within the regulated area will have a diamond-shaped, 4 feet by 4 feet sign with orange retro-reflective border affixed to the port and starboard sides of the barge labeled ''FIREWORKS—DANGER—STAY AWAY'' with black block letters on a white background to provide on scene notice that the safety zone will be enforced. The Captain of the Port Baltimore can be contacted by telephone at (410) 576–2693 or by marine band radio on VHF–FM Channel 16. All Coast Guard vessels enforcing this zone can be contacted on marine band radio VHF–FM Channel 16. Comments or questions should be directed to Coast Guard Sector Baltimore, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693. Chart 12211

DC – UPPER POTOMAC RIVER – ANACOSTIA RIVER - FIREWORKS DISPLAY SAFETY ZONE
A short duration, aerial fireworks display is scheduled to occur from a barge on the Anacostia River in Washington, D.C. on **August 12, 2016**, at the conclusion of the scheduled Washington Nationals Baseball Game, at approximately 9:30 p.m. As described in 33 CFR Section 165.506, a safety zone is established for all waters of the Anacostia River, within a 150 yard radius of the fireworks barge in approximate position latitude 38°52′13″ N, longitude 077°00′16″ W, located near the Washington Nationals Ball Park. This zone will be enforced from 8:30 p.m. through 10:30 p.m. on August 12, 2016. The fireworks barge will have a sign on its port and starboard sides labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the safety zone will be enforced. This notice will consist of a diamond shaped sign 4 foot by 4 foot with a 3-inch orange retro reflective border. The word ``DANGER'' in 10 inch black block letters centered on the sign with the words ``FIREWORKS'' and ``STAY AWAY'' in 6 inch black block letters above and below the word ``DANGER'' respectively on a white background. Entry into or remaining in this zone is prohibited unless authorized by the COTP Maryland-National Capital Region. The COTP Maryland-National Capital Region can be contacted by telephone at (410) 576–2693, or by marine band radio on VHF–FM Channel 16. All Coast Guard vessels enforcing this zone can be contacted on marine band radio VHF–FM Channel 16. The U.S. Coast Guard may be assisted in the patrol and enforcement of the zone by Federal, State, and local agencies. Comments or questions should be directed to Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289

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

The "Capital Dragon Boat Regatta at The Wharf" is scheduled to occur in the Washington Channel on **August 27, 2016**, from 12:00 noon to 5:00 p.m. The rowing competition consists of four boats (40 feet in length) racing per heat, with a total of 25 to 30 teams expected. The designated 500-meter long sprint-type course is located along the western side of Washington Channel. The course will be marked every 100 meters with red markers, which will be set on Friday, August 26, 2016 and removed on Saturday, August 27, 2016 immediately after the event. Sponsor-provided motorized watercraft will be provided to support event participants. Official patrol vessels on scene can be contacted on marine band radio VHF-FM channel 16. For any comments or questions contact Coast Guard Sector Baltimore, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Chart 12289

******DC - POTOMAC RIVER - MATTAWOMAN CREEK TO GEORGETOWN - WASHINGTON CHANNEL – FIREWORKS DISPLAY******

A short-duration, close-proximity (low-level) fireworks display is scheduled to occur in the Washington Channel on **August 18, 2016**, at 9:15 p.m. The fireworks will be launched from floating platforms located south of the Case (I-395) Bridge, adjacent to the Market Pier Day Docks, in approximate position latitude 38° 52' 47.4" N, longitude 077° 01' 45.2" W. Mariners are urged to use caution when transiting the area, and heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 200 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 12289

VA/MD - POTOMAC RIVER - LOWER CEDAR POINT TO MATTAMOWAN CREEK - SWIM EVENT

The swim segment of a triathlon is scheduled to occur on the Potomac River on **August 20, 2016**, between 5 a.m. and 9 a.m. The event will consist of approximately 500 swimmers competing on a marked, triangular 750-meter course located along the shoreline south of the Marine Corps Air Facility at Quantico, VA. Participants will be supported by sponsor-provided watercraft. Official patrol personnel 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 12288

VA – CHESAPEAKE BAY – OLD POINT COMFORT LIGHT - WOLF TRAP LIGHT - CAPE CHARLES

Mariners are advised that the Plantation Light Race sailboat regatta will occur in the Chesapeake Bay and encompass an area consisting of Old Point Comfort Light, Wolf Trap Light and Cape Charles. This event will begin at 6 p.m. on August 20, 2016 and end at 12 p.m. on **August 21, 2016**. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - WILLOUGHBY BANK

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

VA - CHESAPEAKE BAY - HAMPTON ROADS

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

VA- CHESAPEAKE BAY- PIANKATANK RIVER

The Fishing Bay Yacht Club's Smith Point Race will occur on the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on **August 20, 2016** beginning at 9:00 a.m. and ending at 5:00 p.m. Mariners are requested to use caution when transiting the area.
Chart 12235

VA - CHESAPEAKE BAY - PIANKATANK RIVER

The Fishing Bay Yacht Club's Stingray Point Regatta will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place September 2 through **September 4, 2016**, beginning at 9:00 a.m. and ending at 5:00 p.m., each day. Mariners are requested to use caution when transiting the area.
Chart 12235

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

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

******VA - CHESAPEAKE BAY - LOWER JAMES RIVER******

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

VA – CHESAPEAKE BAY – HILLS BAY

Mariners are advised that the One Design Legacy of Sail Regatta will occur on Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on **August 21, 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 Fall Series #1, will occur in Hills Bay near Gwynn's Island in Milford Haven, VA. This event will take place on **August 27, 2016** beginning at 9 a.m. and ending at 5 p.m. Mariners are requested to use caution when transiting the area.

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

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

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

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

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

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

VA - CHESAPEAKE BAY - ELIZABETH RIVER
The Portsmouth Boat Club Barnacle Series Races will occur in the Elizabeth River from Lambert Bend to Town Point Reach. These events will take place on April 15, 22 and 29, 2016; May 6, and 13, 2016; July 1, 8, 15, 22 and 29, 2016; August 5, 2016; September 2, 9, 16, 23 and 30, 2016, beginning at 5:45 p.m. and ending at 8:30 p.m. Races that are scheduled for May 21and **October 8, 2016** will begin at 9:30 a.m. and end at 12:30 p.m. Mariners are requested to use caution when transiting the area.
Chart 12253

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

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

VA - ATLANTIC OCEAN - RUDEE INLET - OWL CREEK
The Virginia Beach Jaycees will be hosting the ECSC Stand Up Paddle Board Race in Owl Creek, Rudee Inlet and at the Virginia Beach Waterfront in Virginia Beach, VA. This event will take place on **August 21, 2016**, beginning at 8 a.m. and ending at 3 p.m. Mariners are requested to use caution when transiting the area.

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

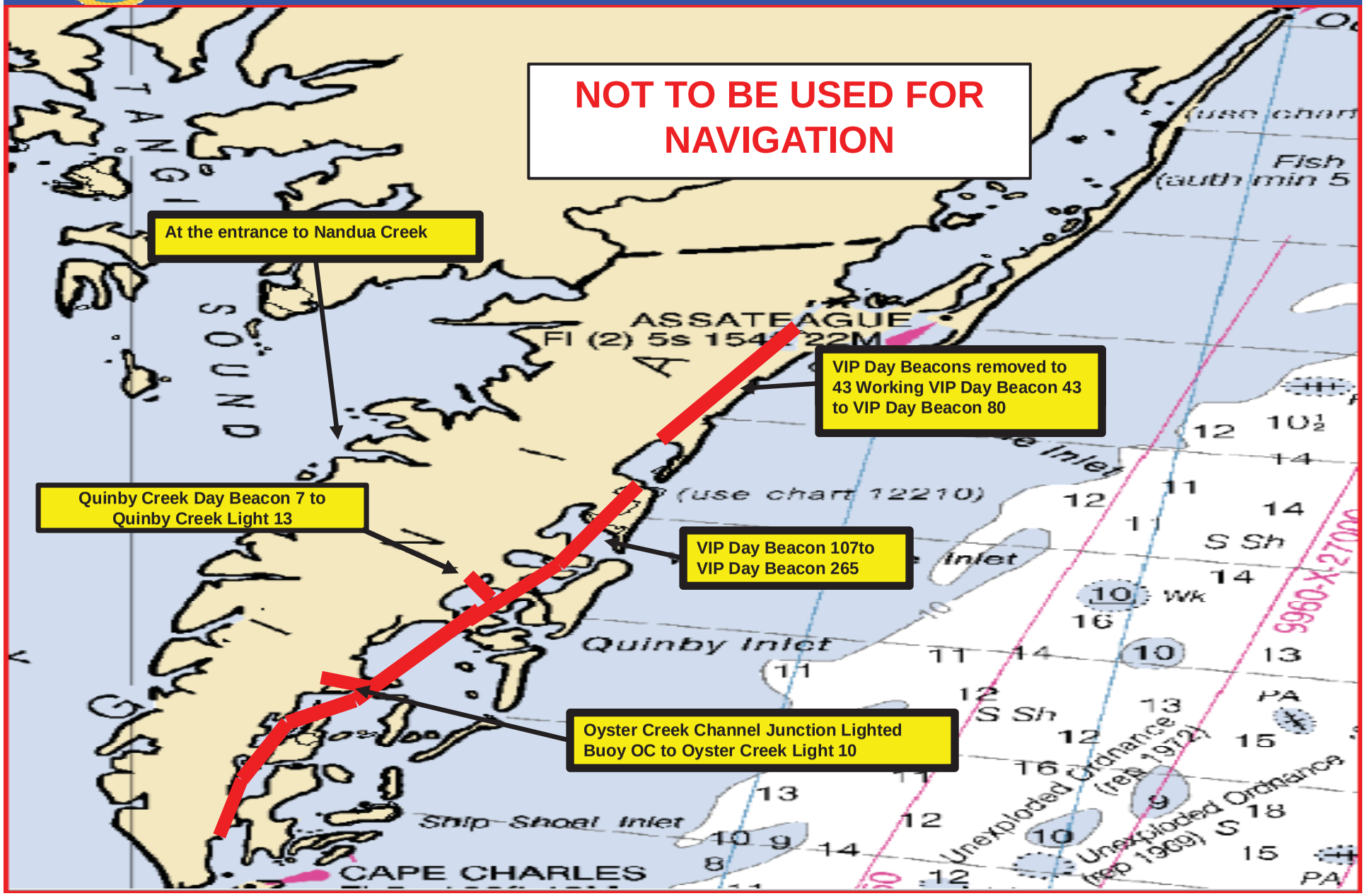
NC – ATLANTIC INTRACOASTALWATERWAY – SURF CITY – PADDLE 4 TROOPS
The "Paddle 4 Troops" will take place on **August 27, 2016** from 10:00 a.m. to 2:00 p.m. on the AICW, Surf City, NC. This event will include approximately 200 canoes, kayaks, and paddle boarders. The course begins at the Surf City Swing Bridge and will travel 3 miles either north or south, depending on winds the day of the event, to a turnaround point designated by an event sponsored anchored vessel, and end back at the Surf City Swing Bridge. Mariners are requested to proceed with caution in

these areas. For any comments or questions, contact the Marine Event Coordinator at Coast Guard Sector North Carolina, (910) 772-2221 or (910) 772-3882.
Chart 11541

NC – CAROLINA YACHT CLUB SAILBOAT RACES

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

WWM VIP SHOALING



	Waterway	Depth	Notes
1	Oregon Inlet	<10'	BNM 642-14, areas around Bonner Bridge. No standard charted depth
2	Hatteras Inlet	< 7'	BNM 031-16, areas around South Ferry Terminal Channel 1SF & light 7; BNM 028-15, Hatteras Channel 9 to 12C. No standard charted depth.
3	Ocracoke Inlet	< 12'	Shifting shoals ITVO Bigfoot Slough Channel buoy 10 & 11. No standard charted depth.
4	Barden Inlet	< 12'	Shifting shoals. Chated depth 8'-23'.
5	Beaufort Inlet	<25'	BNM 036-16, Range A & Cutoff Channels buoys 16 & 17 and 13 to 15. Charted depth 35'. Dredging in process.
6	Bogue Inlet	<10'	Shifting shoals ITVO Bogue Inlet Channel buoy 1 & 2. No standard charted depth.
7	New River Inlet	< 10'	BNM 003-15, Shifting shoals. No standard charted depth.
8	New Topsail Inlet	<12'	Shifting shoals. No standard charted depth.
9	Masonboro Inlet	<12'	Shifting shoals. Charted depth 16'.
10	Carolina Beach Inlet	<12'	BNM 659-15/207-16, Inlet Channel Buoy 1 to 6. No standard charted depth.
11	Lockwoods Folly Inlet	<10'	Shifting shoals. No standard charted depth.
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	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.

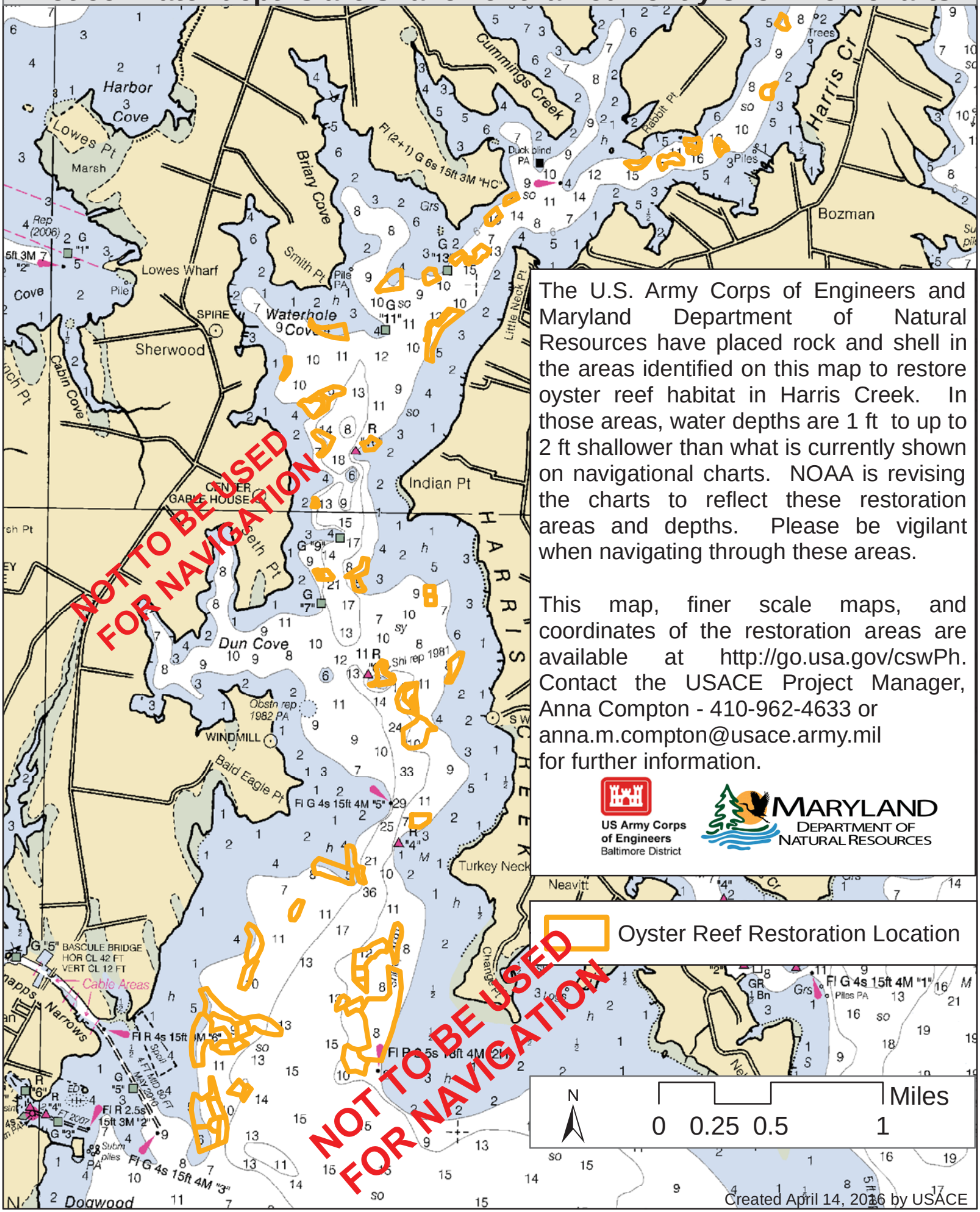
NOT TO BE USED FOR NAVIGATION

Waterway Shoaling Conditions	Stable	Moderate	Severe

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

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.

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