



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 26/16

LOCAL NOTICE TO MARINERS

Coastal Waters from Shrewsbury River, New Jersey to Little River, South Carolina

The Local Notice to Mariners contains all information relevant to the waterways within the Fifth Coast Guard District and is updated each Tuesday on the U.S. Coast Guard Navigation Center website at <http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=5>. If you have questions about the LNM, please contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (dpw)

431 Crawford Street, Portsmouth, Virginia 23704

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

AIDS TO NAVIGATION DISCREPANCY REPORTING

To report any Aids to Navigation discrepancies (missing, damaged, extinguished lights, off station), shoaling or hazards to navigation, discrepancies to bridge lighting, please contact the following 24 hour numbers:

1. For PA, NJ, DE waters, coastal and tributaries contact COGARD SECTOR DELAWARE BAY at (215) 271-4940.
2. For MD, DE in the Upper Chesapeake Bay and tributaries contact COGARD SECTOR MARYLAND NATIONAL CAPITAL REGION at (410) 576-2525.
3. For VA in Lower Chesapeake Bay below Smith Point Light and tributaries and VA, MD Eastern Shore Bay and coastal contact COGARD SECTOR HAMPTON ROADS at (757) 483-8567.
4. For NC waters, coastal and tributaries contact COGARD SECTOR NORTH CAROLINA at (910) 343-3882.

REFERENCES

Light List: ATLANTIC COAST, VOLUME II, COMDTPUB P16502.2, 2016 Edition.

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

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

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

NAVIGATIONAL INTERNET SITES

Fifth Coast Guard District Prevention Division BLOGSPOT

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

2016 Light List/ Summary of Corrections.

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

Bridges Public Notice Website.

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

NOAA Chart Corrections and Chart Viewer

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

Coast Pilots, along with corrections are available at

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

NOAA Chart Corrections applicable to any particular NOAA chart:

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

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

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

Chesapeake Bay Weather Buoys

<http://www.cbos.org>

Tides on Line

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

Tides, Currents, PORTS

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

Coast Guard District 5

Weather

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

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

ABBREVIATIONS

A through H

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

I through O

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

P through Z

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

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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

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

LNM: 25/16

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

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

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

Chart 12326

LNM: 26/16

NC - HAZARDS OF NORTH CAROLINA COASTAL INLETS

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

Oregon Inlet Hatteras Inlet
Ocracoke Inlet Barden Inlet
Beaufort Inlet Bogue Inlet
New River Inlet Topsail Inlet
Masonboro Inlet Carolina Beach Inlet
Lockwoods Folly Inlet Shallotte Inlet

Shoaling conditions increase the potential for groundings. These inlets are subject to continual and sometimes rapid environmental changes. Mariners are highly encouraged to obtain the most recent U.S. Army Corps of Engineers Wilmington, North Carolina District hydrographic survey information, centerline waypoints and controlling depth at:

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

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

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

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

LNM: 17/16

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

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

LNM: 13/16

ECDIS DATA PRESENTATION AND PERFORMANCE CHECK

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

LNM: 09/12

IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ECDIS

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

LNM: 12/12

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

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

LNM: 13/16

NOAA PRODUCTION OF LITHOGRAPHIC

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

LNM: 13/16

U.S. COAST GUARD AUXILIARY – PUBLIC EDUCATION CLASSES – FIND BY ZIPCODE

The National Public Education Calendar Database provides a single, unified national database that holds and displays all public education courses taught by our various flotillas nationwide. In addition, a Zip Code search permits members of the general public to enter a Zip Code of interest, and find all public education courses being taught within a selected distance from that Zip Code. The National Public Education Calendar Database provides a single, unified national database that holds and displays all public education courses taught by our various flotillas nationwide. In addition, a Zip Code search permits members of the general public to enter a Zip Code of interest, and find all public education courses being taught within a selected distance from that Zip Code. [Http://www.cgaux.org/boatinged/class_finder/index.php](http://www.cgaux.org/boatinged/class_finder/index.php)

LNM: 20/14

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

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

LNM: 45/09

SAFETY NOTICE - NAVIGATIONAL RANGE STRUCTURES ON ELECTRONIC CHARTS

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

LNM: 04/11

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER

The United States Coast Guard Navigational Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information on GPS, DGPS,

Navigational Rules, and maritime information. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar (NANU). These notices can also be obtained via-e-mail subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/?pageName=gpsSubscribe>). In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS and AIS service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at <http://www.navcen.uscg.gov>.

NAUTICAL CHART UPDATES

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

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

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

BROADCAST NOTICES TO MARINERS

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

CCGD5 (D5) - 295, 298, 299, 301, 302, 305, 307, 308, 310, 311, 313, 314, 315, 316-16.

Sector Delaware Bay (DB) - 229, 235, 241, 242, 243, 244, 245, 246, 249, 250-16.

Sector Maryland National Capital Region (BA) - 234, 233, 232, 231, 230, 229, 228, 227, 225, 224, 222-16.

Sector Hampton Roads (HR) - 206, 203, 202, 201, 199, 198, 197, 196, 195, 194, 193, 192, 191, 190, 189, 188, 187, 186, 185, 184, 174, 171, 170, 168, 167, 158, 157, 152, 138, 136, 135, 120, 115-16

Sector North Carolina (NC) - 307, 308, 310, 311, 312, 317, 319, 321, 322, 326, 327-16.

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 | LT EXT/TMK MISSING | 12316 | 196DB | 20/16 | |
| 120 | Five Fathom Bank Lighted Buoy F | REDUCED INT/RAC INOP | 12214 | 243DB | 21/16 | |
| 155 | Cape May Light | REDUCED INT | 12316 | NONEDB | 26/16 | |
| 350 | Cape Charles Light | LT EXT | 12222 | 384HR | 18/13 | |
| 585 | Navy Air Combat Maneuvering Range Tower Light G | LT EXT | 12200 | 407NC | 27/12 | |
| 640 | Diamond Shoals Lighted Buoy 12 | LT EXT | 11555 | 263NC | 22/16 | |
| 1100 | Little Egg Inlet Outer Lighted Whistle Buoy LE | LT EXT/TMK MISSING | 12316 | 196DB | 20/16 | |
| 1120 | Little Egg Inlet Lighted Buoy 5 | OFF STA | 12316 | 222DB | 23/16 | |
| 2050 | Harbor Of Refuge North End Light 1 | STRUCT DMGD | 12216 | 024DB | 04/16 | |
| 2055 | Delaware Bay East Icebreaker Light 2 | LT EXT | 12216 | 186DB | 20/16 | |
| 2055 | Delaware Bay East Icebreaker Light 2 | STRUCT DEST | 12216 | 060DB | 04/16 | |
| 2330 | Murderkill River Buoy 4 | OFF STA | 12304 | 166DB | 19/16 | |
| 2520 | Baker Range Lighted Buoy 4B | LT EXT | 12311 | 177DB | 19/16 | |
| 3290 | Tinicum Range Rear Light | LT EXT | 12313 | 168DB | 19/16 | |
| 3800 | Mud Island Upper Range Rear Light | REDUCED INT | 12314 | 167DB | 19/16 | |

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|-------------|--|----------------------|--------------|--------------|--------------|
| 3820 | Enterprise Lower Range Front Light | REDUCED INT | 12314 | 141DB | 15/16 |
| 3845 | Enterprise Upper Range Rear Light | REDUCED INT | 12314 | 140DB | 15/16 |
| 3935 | Devlin Lower Range Front Light | REDUCED INT | 12314 | 195DB | 20/16 |
| 4040 | Upper Delaware River Channel Lighted Buoy 54 | MISSING | 12314 | 194DB | 20/16 |
| 4150 | Kinkora Upper Range Rear Light | LT EXT | 12314 | 616DB | 47/15 |
| 4430 | Indian River Junction Lighted Buoy IR | LT EXT | 12216 | 223DB | 24/16 |
| 4650 | White Creek Buoy 3 | MISSING | 12216 | 242DB | 26/16 |
| 4785 | Isle of Wight Bay Warning Buoy C | OFF STA | 12211 | 121BA | 08/15 |
| 4870 | Isle of Wight Bay Light 13 | TRLB/STRUCT DEST | 12211 | 121BA | 09/15 |
| 4871 | Isle Of Wight Bay Light 14 | STRUCT DEST/TRLB | 12211 | 081BA | 09/15 |
| 5010 | Sinepuxent Bay Channel Light 4 | STRUCT DEST/TRLB | 12211 | 491BA | 08/15 |
| 5037 | Sinepuxent Bay Channel Buoy 10A | MISSING | 12211 | 121BA | 08/15 |
| 5045 | Sinepuxent Bay Channel Daybeacon 11A | TRLB/STRUCT DEST | 12211 | 408BA | 31/15 |
| 5070 | Sinepuxent Bay Channel Wreck Light WR16 | MISSING/TRLB | 12211 | 345BA | 26/15 |
| 5075 | Sinepuxent Bay Channel Daybeacon 17 | TRLB/STRUCT DEST | 12211 | 006BA | 02/15 |
| 5105 | Sinepuxent Bay Channel Buoy 27 | MISSING | 12211 | 179BA | 13/15 |
| 5110 | Sinepuxent Bay Channel Buoy 27A | OFF STA | 12211 | 181BA | 17/16 |
| 5120 | Sinepuxent Bay Channel Buoy 29 | MISSING | 12211 | 182BA | 13/15 |
| 5130 | Sinepuxent Bay Channel Buoy 33 | MISSING | 12211 | 493BA | 45/15 |
| 5135 | Sinepuxent Bay Channel Daybeacon 35 | TRUB/STRUCT DEST | 12211 | 184BA | 13/15 |
| 5145 | Sinepuxent Bay Channel Light 39 | TRLB/STRUCT DEST | 12211 | 186BA | 13/15 |
| 5200 | Chincoteague Bay Light 28 | TRUB/STRUCT DEST | 12211 | 188BA | 13/15 |
| 5205 | Chincoteague Bay Daybeacon 26 | TRUB/STRUCT DEST | 12211 | 189BA | 13/15 |
| 5215 | Chincoteague Bay Daybeacon 23 | TRUB/STRUCT DEST | 12211 | 190BA | 13/15 |
| 5220 | Chincoteague Bay Light 21 | TRLB/STRUCT DEST | 12211 | 191BA | 13/15 |
| 5235 | Chincoteague Bay Daybeacon 19 | TRLB/STRUCT DEST | 12211 | 192BA | 13/15 |
| 5420 | Chincoteague Bay Channel Daybeacon 4 | STRUCT DEST/TRLB | 12211 | 098HR | 10/15 |
| 5425 | Chincoteague Bay Channel Daybeacon 6 | STRUCT DEST/TRUB | 12211 | 044HR | 10/15 |
| 5430 | Chincoteague Bay Channel Light 8 | STRUCT DEST/TRLB | 12211 | 045HR | 10/15 |
| 5435 | Chincoteague Bay Channel Light 9 | STRUCT DEST/TRUB | 12211 | 084HR | 10/15 |
| 5445 | Chincoteague Bay Channel Light 12 | TRLB/STRUCT DMGD | 12211 | 221HR | 11/15 |
| 5450 | Chincoteague Bay Channel Daybeacon 14 | TRUB/STRUCT DEST | 12211 | 222HR | 11/15 |
| 5455 | Greenbackville Light 1 | STRUCT DEST/TRLB | 12211 | 522HR | 41/15 |
| 5477 | Chincoteague Bay Daybeacon 16A | TRUB/STRUCT DEST | 12211 | 223HR | 11/15 |
| 5485 | Chincoteague Bay Daybeacon 19 | TRLB/STRUCT DEST | 12211 | 192BA | 13/15 |
| 5487 | Chincoteague Bay Daybeacon 20 | MISSING/TRLB | 12211 | 258HR | 16/15 |
| 5490 | Chincoteague Bay Light 21 | TRLB/STRUCT DEST | 12211 | 191BA | 13/15 |
| 5495 | Chincoteague Bay Daybeacon 23 | TRUB/STRUCT DEST | 12211 | 190BA | 13/15 |
| 5505 | Chincoteague Bay Daybeacon 26 | TRUB/STRUCT DEST | 12211 | 189BA | 13/15 |
| 5510 | Chincoteague Bay Light 28 | TRUB/STRUCT DEST | 12211 | 188BA | 13/15 |
| 5610 | Virginia Inside Passage Lighted Buoy 7 | MISSING | 12210 | 073HR | 08/14 |
| 5625 | Virginia Inside Passage Daybeacon 13 | BUOY DMGD/TRUB | 12210 | 014HR | 02/16 |
| 5755 | Virginia Inside Passage Daybeacon 49 | STRUCT DEST | 12210 | 306HR | 20/15 |
| 5767 | Virginia Inside Passage Daybeacon 52 | DAYMK MISSING | 12210 | 242HR | 26/14 |
| 5772 | Virginia Inside Passage Buoy 55 | MISSING | 12210 | 111HR | 12/13 |
| 5773 | Virginia Inside Passage Buoy 55A | MISSING | 12210 | 386HR | 41/12 |
| 5776 | Virginia Inside Passage Buoy 57 | MISSING | 12210 | 241HR | 26/14 |
| 5777 | Virginia Inside Passage Buoy 59 | MISSING | 12210 | 387HR | 41/12 |
| 5820 | Virginia Inside Passage Warning Daybeacon B | DAYMK MISSING | 12210 | 470HR | 50/12 |
| 5850 | Virginia Inside Passage Light 80 | LT EXT/DAYMK MISSING | 12210 | 284HR | 18/15 |
| 5870 | Virginia Inside Passage Daybeacon 82 | STRUCT DEST | 12210 | 285HR | 18/15 |
| 5875 | Virginia Inside Passage Daybeacon 84 | DAYMK MISSING | 12210 | 286HR | 18/15 |

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|-------------|--|---------------------------|--------------|--------------|--------------|
| 5885 | Virginia Inside Passage Light 87 | STRUCT DEST | 12210 | 264HR | 17/15 |
| 5930 | Virginia Inside Passage Daybeacon 102 | DAYMK MISSING | 12210 | 265HR | 17/15 |
| 5935 | Virginia Inside Passage Daybeacon 103 | STRUCT DEST/DAYMK MISSING | 12210 | 266HR | 17/15 |
| 5940 | Virginia Inside Passage Daybeacon 105 | STRUCT DEST | 12210 | 267HR | 17/15 |
| 5945 | Virginia Inside Passage Daybeacon 106 | STRUCT DEST | 12210 | 261HR | 17/15 |
| 5955 | Virginia Inside Passage Buoy 110 | MISSING | 12210 | 425HR | 45/12 |
| 6115 | Virginia Inside Passage Daybeacon 153 | DAYMK MISSING | 12210 | 056HR | 07/15 |
| 6137 | Virginia Inside Passage Daybeacon 157B | DAYMK MISSING | 12210 | 057HR | 07/15 |
| 6139 | Virginia Inside Passage Buoy 158A | OFF STA | 12210 | 354HR | 35/13 |
| 6145 | Virginia Inside Passage Light 160 | DAYMK MISSING | 12210 | 058HR | 07/15 |
| 6160 | Virginia Inside Passage Daybeacon 163 | STRUCT DEST | 12210 | 226HR | 14/15 |
| 6170 | Virginia Inside Passage Daybeacon 165 | DAYMK MISSING | 12210 | 059HR | 07/15 |
| 6180 | Virginia Inside Passage Light 169 | STRUCT DMGD | 12210 | 060HR | 07/15 |
| 6210 | Virginia Inside Passage Light 180 | STRUCT DMGD | 12210 | 384HR | 36/11 |
| 6245 | Virginia Inside Passage Light 191 | DAYMK DMGD | 12224 | 014HR | 02/16 |
| 6260 | Virginia Inside Passage Buoy 194 | MISSING | 12210 | 215HR | 23/13 |
| 6275 | Virginia Inside Passage Buoy 198 | MISSING | 12224 | 014HR | 02/16 |
| 6280 | Virginia Inside Passage Daybeacon 199 | DAYMK MISSING | 12224 | 014HR | 02/16 |
| 6285 | Virginia Inside Passage Daybeacon 199A | STRUCT DEST | 12224 | 014HR | 02/16 |
| 6320 | Virginia Inside Passage Daybeacon 206 | DAYMK MISSING | 12221 | 014HR | 02/16 |
| 6343 | Virginia Inside Passage Daybeacon 211 | STRUCT DEST | 12224 | 014HR | 02/16 |
| 6348 | Virginia Inside Passage Daybeacon 213 | MISSING | 12224 | 014HR | 02/16 |
| 6355 | Virginia Inside Passage Light 215 | LT EXT/DAYMK MISSING | 12224 | 014HR | 32/13 |
| 6375 | Virginia Inside Passage Daybeacon 218 | DAYMK MISSING | 12224 | 014HR | 02/16 |
| 6385 | Virginia Inside Passage Daybeacon 219 | STRUCT DEST | 12224 | 014HR | 02/16 |
| 6390 | Virginia Inside Passage Daybeacon 221 | DAYMK MISSING | 12224 | 014HR | 02/16 |
| 6415 | Virginia Inside Passage Daybeacon 225 | DAYMK MISSING | 12224 | 014HR | 02/16 |
| 6440 | Virginia Inside Passage Light 232 | DAYMK MISSING | 12224 | 200HR | 02/16 |
| 6485 | Virginia Inside Passage Daybeacon 244 | TRLB/STRUCT DEST | 12224 | 339HR | 44/12 |
| 6495 | Virginia Inside Passage Daybeacon 245A | MISSING/TRUB | 12224 | 420HR | 22/15 |
| 6570 | Virginia Inside Passage Buoy 263 | MISSING | 12224 | 338HR | 22/15 |
| 6590 | Virginia Inside Passage Light 267 | DAYMK MISSING | 12222 | 161HR | 22/16 |
| 6675 | Wachapreague Channel Light 9 | STRUCT DEST/TRLB | 12210 | 050HR | 08/15 |
| 6736 | Quinby Inlet Channel Buoy 2 | MISSING | 12210 | 350HR | 35/13 |
| 6736.1 | Quinby Inlet Channel Buoy 2A | MISSING | 12210 | 351HR | 35/13 |
| 6740 | Quinby Inlet Channel Lighted Buoy 4 | MISSING | 12210 | 352HR | 35/13 |
| 6745 | Virginia Inside Passage Light 160 | DAYMK MISSING | 12210 | 058HR | 07/15 |
| 6766 | Quinby Creek Buoy 5 | MISSING | 12210 | 218HR | 23/13 |
| 6776 | Quinby Creek Lighted Buoy 9 | MISSING | 12210 | 129HR | 18/12 |
| 6780 | Quinby Creek Light 11 | MISSING/STRUCT DEST | 12210 | 353HR | 35/13 |
| 6820 | Great Machipongo Inlet Light 5 | LT EXT | 12224 | 559HR | 49/15 |
| 6850 | Great Machipongo Inlet Daybeacon 12 | DAYMK MISSING | 12210 | 019HR | 02/16 |
| 6855 | Great Machipongo Inlet Daybeacon 13 | TRLB/STRUCT DEST | 12210 | 467HR | 34/15 |
| 6920 | Great Machipongo Channel Light 8 | STRUCT DEST/TRLB | 12210 | 159HR | 22/16 |
| 6945 | Great Machipongo Channel Daybeacon 15 | DAYMK MISSING | 12210 | 018HR | 02/16 |
| 6991 | Sand Shoal Channel Daybeacon 3 | STRUCT DEST/TRUB | 12224 | 421HR | 29/15 |
| 6992 | Sand Shoal Channel Light 4 | LT EXT/STRUCT DMGD | 12224 | 016HR | 02/16 |
| 6993 | Sand Shoal Channel Daybeacon 5 | STRUCT DEST/TRUB | 12224 | 422HR | 29/15 |
| 6994 | Sand Shoal Channel Light 7 | REDUCED INT | 12210 | 140HR | 21/16 |
| 7440 | Chesapeake Channel Lighted Buoy 62 | RAC INOP | 12225 | 423HR | 29/15 |
| 8078 | Craighill Channel Lighted Buoy 14 | MISSING | 12282 | 235BA | 26/16 |
| 8225 | Fort McHenry Channel Range Rear Light | LT EXT | 12281 | 232BA | 26/16 |
| 8855 | Taylor Island Shoal Buoy 1 | MISSING/TRUB | 12274 | 190BA | 19/16 |
| 10142 | Lynnhaven Inlet Light 5 | DAYMK MISSING | 12254 | 124HR | 19/16 |

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|--------------|--|--------------------------|--------------|--------------|--------------|
| 11160 | Nansemond River Channel Daybeacon 38 | DAYMK MISSING | 12248 | 144HR | 21/16 |
| 11415 | Pagan River Channel Light 13 | DAYMK MISSING | 12248 | 139HR | 20/16 |
| 11525 | Warwick River Daybeacon 2 | STRUCT DEST/TRUB | 12248 | 122HR | 19/16 |
| 11995 | Jamestown Island Daybeacon 2 | STRUCT DEST | 12248 | 208HR | 13/15 |
| 12640 | James River Channel Light 133 | LT EXT | 12252 | 143HR | 21/16 |
| 13555 | York River West Range Rear Light | LT EXT | 12238 | 203HR | 26/16 |
| 14445 | Horn Harbor Entrance Light HH | DAYMK MISSING | 12238 | 147HR | 21/16 |
| 15157 | Corrotoman River Light 3 | LT EXT | 12237 | 199HR | 25/16 |
| 15395 | Morattico Creek Daybeacon 2 | STRUCT DMGD | 12237 | 177HR | 11/15 |
| 15615 | Hoskins Creek Channel Daybeacon 2 | STRUCT DEST/TRUB | 12237 | 091HR | 15/16 |
| 16350 | Little Wicomico River Approach Light 2LW | DAYMK MISSING | 12233 | 097HR | 15/16 |
| 17260 | Wicomico River Warning Daybeacon | DAYMK MISSING | 12286 | 323BA | 24/15 |
| 18555 | Upper Potomac River Channel Buoy 79 | OFF STA | 12289 | 230BA | 25/16 |
| 19680 | Fishing Creek Light 5 | DAYMK DMGD | 12270 | 217BA | 24/16 |
| 19935 | Weems Creek Junction Daybeacon WC | STRUCT DEST/TRLB | 12283 | 160BA | 15/16 |
| 21435 | Old Plantation Flats Warning Light A | DAYMK MISSING | 12224 | 102HR | 16/16 |
| 21475 | Cape Charles City Approach Light C | DAYMK DMGD | 12224 | 101HR | 16/16 |
| 21605 | Hungar Creek Daybeacon 2 | STRUCT DEST/TRLB | 12226 | 026HR | 26/14 |
| 21615 | Hungar Creek Daybeacon 5 | TRLB/STRUCT DEST | 12226 | 085HR | 08/15 |
| 21665 | Nassawadox Creek Warning Daybeacon H | STRUCT DEST/HAZ NAV/TRUB | 12226 | 074HR | 12/16 |
| 21784 | Nandua Creek Channel Daybeacon 8 | TRUB/STRUCT DEST | 12226 | 197HR | 12/15 |
| 21790 | Nandua Creek Channel Warning Daybeacon F | DAYMK MISSING | 12226 | 203HR | 12/15 |
| 21792 | Nandua Creek Channel Daybeacon 9 | TRUB/STRUCT DEST | 12226 | 456HR | 33/15 |
| 21820 | Nandua Creek Channel Daybeacon 17 | TRLB/STRUCT DMGD | 12226 | 200HR | 12/15 |
| 21825 | Nandua Creek Channel Daybeacon 19 | TRUB/STRUCT DEST | 12226 | 201HR | 12/15 |
| 21830 | Nandua Creek Channel Daybeacon 21 | TRUB/STRUCT DEST | 12226 | 202HR | 12/15 |
| 22475 | Starling Creek Daybeacon 6 | TRUB/STRUCT DEST | 12228 | 330HR | 22/15 |
| 22630 | Upper Pocomoke River Daybeacon 8 | TRUB/STRUCT DEST | 12228 | 504BA | 41/14 |
| 23410 | Goose Creek Channel Daybeacon 6 | TRLB/STRUCT DEST | 12231 | 121BA | 11/15 |
| 23955 | Wicomico River Channel Light 55 | LT EXT/TRLB | 12261 | 221NC | 24/16 |
| 26050 | Eastern Bay Lighted Buoy 4 | LT EXT | 12270 | 233BA | 26/16 |
| 26310 | Crab Alley - Little Creek Daybeacon 1 | STRUCT DEST/TRLB | 12270 | 179BA | 17/16 |
| 27840 | Northeast River Buoy 4 | TRUB | 12274 | 148BA | 13/16 |
| 27845 | Northeast River Buoy 5 | MISSING/TRLB | 12274 | 162BA | 16/16 |
| 28715 | South Ferry Terminal Light 7 | STRUCT DEST/TRLB | 11555 | 160NC | 09/16 |
| 28830 | Rollinson Channel Light 34 | STRUCT DEST/TRLB | 11555 | 647NC | 50/15 |
| 29105 | Nine Foot Shoal Channel Daybeacon 5 | STRUCT DEST/TRUB | 11550 | NONENC | 20/16 |
| 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 |
| 30055 | Banks Channel Light 2 | STRUCT DEST/TRLB | 11541 | 237NC | 19/16 |
| 30200 | Wrightsville Channel Junction Daybeacon WC | TRUB/STRUCT DEST | 11541 | 198NC | 14/15 |
| 30270 | Carolina Beach Inlet Buoy 2 | OFF STA | 11534 | 630NC | 49/15 |
| 30491 | Federal Point Range Front Light | STRUCT DEST | 11534 | 436NC | 32/15 |
| 30784 | Big Island Lower North Range Rear Light | LT EXT | 11537 | 329NC | 26/16 |
| 30805 | Big Island Upper South Range Rear Light | LT EXT | 11537 | 330NC | 26/16 |
| 31170 | Whale Head Bay Light 1 | OFF STA/STRUCT DEST/TRLB | 12204 | 263NC | 18/15 |
| 31976 | Roanoke Marshes Warning Daybeacon | STRUCT DEST | 12204 | 467NC | 35/15 |
| 32370 | Royal Shoal Light 3 | LT EXT | 11552 | 326NC | 26/16 |
| 32380 | Royal Shoal Wreck Light WR7 | LT EXT | 11550 | 230NC | 20/16 |

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|--------------|---|----------------------------------|--------------|--------------|--------------|
| 32825 | Oyster Creek Lighted Buoy 4 | OFF STA | 11545 | 074NC | 08/16 |
| 33315 | Pamlico River Channel Light 9 | STRUCT DEST/HAZ NAV/TRLB | 11554 | 226NC | 19/16 |
| 33360 | Pamlico River Channel Light 17 | LT EXT | 11554 | 246NC | 20/16 |
| 33490 | Cedar Island North Light | LT EXT/DAYMK MISSING/STRUCT DMGD | 11550 | 045NC | 29/14 |
| 33535 | West Bay Light 7WB | DAYMK MISSING | 11544 | 498NC | 38/15 |
| 33560 | West Bay Light 15WB | LT EXT | 11550 | 281NC | 23/16 |
| 33570 | Long Bay Light 4 | DAYMK MISSING | 11544 | 100NC | 09/16 |
| 33790 | Adams Creek Light 1AC | REDUCED INT | 11541 | 325NC | 26/16 |
| 33801 | Dawson Creek Entrance Buoy 4 | MISSING | 11552 | 032NC | 52/15 |
| 34315 | Trent River Daybeacon 20 | TRLB/STRUCT DEST | 11552 | 523NC | 39/15 |
| 34335 | Core Sound Buoy 3A | OFF STA | 11550 | 038NC | 05/15 |
| 34545 | Core Sound Lighted Buoy 28 | OFF STA | 11545 | 284NC | 23/16 |
| 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 |
| 35570 | New Jersey Intracoastal Waterway Light 139 | LT EXT | 12316 | 244DB | 26/16 |
| 35830 | New Jersey Intracoastal Waterway Daybeacon 207 | DAYMK DMGD | 12316 | 208DB | 21/16 |
| 36090 | New Jersey Intracoastal Waterway Daybeacon 288 | DAYMK MISSING | 12316 | 159DB | 18/16 |
| 37905 | Alligator River Daybeacon 30 | STRUCT DEST/TRUB | 11553 | 093NC | 09/16 |
| 38230 | Goose Creek Daybeacon 24 | STRUCT DEST/TRUB | 11553 | 259NC | 21/16 |
| 38290 | Adams Creek Light 1AC | REDUCED INT | 11541 | 325NC | 26/16 |
| 38440 | Russell Slough Junction Light RS | STRUCT DEST/TRLB | 11541 | 136NC | 12/16 |
| 38652 | Money Island Channel Buoy 2 | MISSING | 11547 | 322NC | 26/16 |
| 38655 | Money Island Channel Daybeacon 2A | STRUCT DEST/TRUB | 11547 | 272NC | 22/16 |
| 39085 | Bogue Sound - New River Light 46C | STRUCT DMGD/TRLB | 11541 | 296NC | 24/16 |
| 39290 | Bogue Sound - New River Daybeacon 70 | STRUCT DEST/TRUB | 11541 | 307NC | 11/16 |
| 39455 | New River - Cape Fear River Daybeacon 65 | STRUCT DEST/TRUB | 11541 | 306NC | 24/16 |
| 39507 | New River - Cape Fear River Light 89 | DAYMK MISSING | 11541 | 208NC | 19/16 |
| 39580 | New River - Cape Fear River Daybeacon 110 | STRUCT DEST | 11541 | 328NC | 26/16 |
| 39715 | New River - Cape Fear River Daybeacon 152 | STRUCT DEST/TRUB | 11534 | 301NC | 24/16 |
| 39825 | New River - Cape Fear River Light 163 | STRUCT DEST/TRLB | 11534 | 182NC | 16/16 |
| 39966 | Federal Point Range Front Light | STRUCT DEST | 11534 | 436NC | 32/15 |

DISCREPANCIES (FEDERAL AIDS) CORRECTED

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|-------|---|-------------------|-----------|----------|--------|---------|
| 2470 | Delaware Bay Main Channel Lighted Buoy 48 | WATCHING PROPERLY | 12311 | 239DB | 26/16 | 26/16 |
| 8220 | Fort McHenry Channel Range Front Light | WATCHING PROPERLY | 12281 | 232BA | 26/16 | 26/16 |
| 15340 | Rappahannock River Light 10 | RELIGHTED | 12237 | 207HR | 26/16 | 26/16 |
| 15625 | Rappahannock River Lighted Buoy 32 | RESET ON STATION | 12237 | 207HR | 25/16 | 26/16 |
| 22520 | Pocomoke River Channel Buoy 4 | RESET ON STATION | 12228 | 229BA | 25/16 | 26/16 |
| 28233 | Old House Channel Lighted Buoy 1H | RELIGHTED | 12204 | 320NC | 26/16 | 26/16 |
| 29250 | Barden Inlet Buoy 28 | RESET ON STATION | 11545 | 313NC | 25/16 | 26/16 |
| 29332 | Beaufort Inlet Channel Lighted Buoy 4 | RELIGHTED | 11545 | 317NC | 25/16 | 26/16 |
| 30726 | Cape Fear River Channel Lighted Buoy 40A | RELIGHTED | 11534 | 324NC | 26/16 | 26/16 |
| 30775 | Big Island Lower South Range Front Light | WATCHING PROPERLY | 11537 | 323NC | 26/16 | 26/16 |

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|-------|---|-------------------|-------|-------|-------|-------|
| 37380 | Great Bridge to Albemarle Sound Light 38 | REBUILT/RECOVERED | 12206 | 072HR | 11/16 | 26/16 |
| 37665 | Great Bridge to Albemarle Sound Daybeacon 132 | REBUILT/REMAINS | 12206 | 147NC | 13/16 | 26/16 |
| 39675 | New River - Cape Fear River Daybeacon 141 | WATCHING PROPERLY | 11534 | 319NC | 26/16 | 26/16 |

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 | |
| 4900 | Thorofare Channel Buoy 10 | OFF STA | 12211 | 121BA | 09/15 | |
| 4925 | Ocean Pines Yacht Club Light 2 | LT EXT | 12211 | 398BA | 29/15 | |
| 4991.16 | Little Assawoman Bay Daybeacon 15 | DAYMK MISSING | 12211 | 491HR | 38/15 | |
| 4991.22 | Little Assawoman Bay Daybeacon 21 | STRUCT DMGD | 12214 | 490HR | 38/15 | |
| 5165 | Chincoteague Bay State Boundary Line Buoy B | DAYMK IMCH | 12211 | 528HR | 46/12 | |
| 5165 | Chincoteague Bay State Boundary Line Buoy B | OFF STA | 12211 | 024HR | 04/14 | |
| 5175 | Chincoteague Bay State Boundary Line Buoy D | DAYMK IMCH | 12211 | 429HR | 46/12 | |
| 5180 | Chincoteague Bay State Boundary Line Buoy E | DAYMK IMCH | 12211 | 430HR | 46/12 | |
| 5185 | Chincoteague Bay State Boundary Line Buoy F | MISSING | 12211 | 431HR | 46/12 | |
| 5190 | Chincoteague Bay State Boundary Line Buoy G | DAYMK IMCH | 12211 | 432HR | 46/12 | |
| 5265 | George Island Channel Daybeacon 8 | DAYMK IMCH | 12211 | 346HR | 38/12 | |
| 5453 | Coards Marsh Sanctuary Daybeacon A | STRUCT DEST | 12211 | 433HR | 46/12 | |
| 5453.1 | Coards Marsh Sanctuary Daybeacon B | STRUCT DEST | 12211 | 434HR | 46/12 | |
| 5453.2 | Coards Marsh Sanctuary Daybeacon C | STRUCT DEST | 12211 | 435HR | 46/12 | |
| 5457 | Greenbackville Sanctuary Daybeacon A | STRUCT DEST | 12211 | 476HR | 43/11 | |
| 5457.1 | Greenbackville Sanctuary Daybeacon B | DAYMK MISSING | 12211 | 477HR | 43/11 | |
| 7669 | UMCES Lighted Data Buoy JI | MISSING | 12264 | 439BA | 36/14 | |
| 7837 | UMCES Lighted Data Buoy CBB | OFF STA | 12282 | 176BA | 16/16 | |
| 7860 | Bay Bridge Marina Light 5 | LT EXT | 12270 | 350BA | 44/12 | |
| 9853 | Elizabeth River Town Point Reach No Wake Buoy A | OFF STA | 12253 | 328HR | 35/14 | |
| 10125 | Lynnhaven Roads Fishing Pier Lights (2) | MISSING | 12254 | 319HR | 31/13 | |
| 10186 | Lynnhaven River Daybeacon 1LR | STRUCT DEST | 12254 | 080HR | 08/15 | |
| 10334 | Lynnhaven River Eastern Branch Daybeacon 27 | DAYMK MISSING | 12222 | 162HR | 23/16 | |
| 10762.03 | Lafayette River Northern Branch Daybeacon 3 | DAYMK MISSING | 12245 | 251HR | 26/14 | |
| 10762.1 | Lafayette River Northern Branch Daybeacon 12 | DAYMK MISSING | 12245 | 252HR | 26/14 | |
| 10962 | Hampton River Channel Buoy 22 | DAYMK DMGD | 12245 | NONEHR | 16/16 | |
| 12127 | Glasshouse Point Lower Ferry Light | LT EXT | 12251 | 367HR | 24/15 | |
| 12692 | James River Lighted Data Buoy A | OFF STA | 12252 | NONEHR | 07/16 | |
| 12692.1 | James River Lighted Data Buoy B | OFF STA | 12252 | NONEHR | 07/16 | |
| 12895 | Salt Ponds Daybeacon 12 | DAYMK DMGD | 12222 | NONED5 | 17/16 | |

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|----------|---|---------------------|-------|--------|-------|
| 12950 | Back River South Channel Daybeacon 2 | STRUCT DEST | 12238 | 332HR | 24/13 |
| 12958 | Back River South Channel Daybeacon 8 | DAYMK MISSING | 12238 | 193HR | 12/15 |
| 13050 | Harris River Approach Daybeacon 3 | DAYMK MISSING | 12238 | 036HR | 06/12 |
| 13050 | Harris River Approach Daybeacon 3 | DAYMK MISSING | 12238 | 168HR | 20/14 |
| 13065 | Harris River Approach Daybeacon 6 | OFF STA | 12238 | 169HR | 20/14 |
| 13065 | Harris River Approach Daybeacon 6 | OFF STA/DAYMK DMGD | 12238 | 037HR | 06/12 |
| 14940 | Windmill Point Marina Light 3 | LT EXT | 12235 | 348HR | 23/12 |
| 15005 | Broad Creek Northern Branch Daybeacon 1N | DAYMK DMGD | 12235 | 234HR | 24/13 |
| 15050 | Broad Creek Northern Branch Daybeacon 12 | DAYMK MISSING | 12235 | 431HR | 49/14 |
| 16275 | Buzzards Point Daybeacon 3 | DAYMK DMGD | 12235 | 390HR | 26/15 |
| 16555 | Lake Conoy Warning Daybeacon A | MISSING | 12233 | 251BA | 19/10 |
| 16612 | Coan River Marina Buoy 1 | MISSING | 12233 | 121BA | 10/15 |
| 16613 | Coan River Marina Buoy 2 | MISSING | 12233 | 121BA | 10/15 |
| 16614 | Coan River Marina Buoy 3 | MISSING | 12233 | 121BA | 10/15 |
| 16853 | Potomac River Sandy Point Lighted Data Buoy A | MISSING | 12233 | 282BA | 20/14 |
| 16962 | Cabin Point Creek Daybeacon 1 | STRUCT DEST/HAZ NAV | 12285 | 225BA | 25/16 |
| 16963 | Cabin Point Creek Daybeacon 2 | STRUCT DEST/HAZ NAV | 12285 | 225BA | 25/16 |
| 16971 | Glebe Creek Daybeacon 1 | STRUCT DEST/HAZ NAV | 12285 | 224BA | 25/16 |
| 16971.5 | Glebe Creek Daybeacon 2 | STRUCT DEST/HAZ NAV | 12285 | 224BA | 25/16 |
| 16972.5 | Glebe Creek Daybeacon 4 | STRUCT DEST/HAZ NAV | 12285 | 224BA | 25/16 |
| 17712 | Potomac River Morgantown Lighted Mooring Buoy A | BUOY DMGD/LT EXT | 12287 | 199BA | 21/16 |
| 17845 | Nanjemoy Creek Buoy 5 | OFF STA | 12288 | 497BA | 45/15 |
| 18014 | Aquia Creek Daybeacon 31 | DAYMK IMCH | 12288 | 422BA | 34/14 |
| 18014.1 | Aquia Creek Daybeacon 32 | DAYMK DMGD | 12288 | NONEBA | 34/14 |
| 18014.2 | Aquia Creek Daybeacon 33 | DAYMK IMCH | 12288 | 423BA | 34/14 |
| 18014.3 | Aquia Creek Daybeacon 34 | DAYMK DMGD | 12288 | 424BA | 34/14 |
| 18075 | Possum Point Pier Light | LT EXT | 12288 | 448BA | 37/15 |
| 18170 | Leesylvania Park Light 2 | LT EXT | 12288 | 449BA | 37/15 |
| 18601.01 | National Harbor Channel Light 3 | DAYMK MISSING | 12289 | 144BA | 12/16 |
| 18793.1 | Tanner Creek Warning Daybeacon A | DAYMK MISSING | 12233 | 179BA | 23/13 |
| 18793.2 | Tanner Creek Daybeacon 1 | DAYMK MISSING | 12233 | 178BA | 23/13 |
| 18980 | Mill Creek (Patuxent River) Buoy 11 | OFF STA | 12284 | 040BA | 05/16 |
| 19152 | Academy Of Natural Science Intake Light B | STRUCT DEST/HAZ NAV | 12264 | 121BA | 08/15 |
| 19612 | South River Warning Buoy A | MISSING | 12270 | 039BA | 06/13 |
| 19613 | South River Warning Buoy B | MISSING | 12270 | 040BA | 06/13 |
| 20063 | Severn River - Mill Creek Buoy 11 | SINKING | 12283 | 238BA | 16/15 |
| 20210 | Forked Creek Daybeacon 2 | DAYMK MISSING | 12282 | 240BA | 18/14 |
| 21175 | Fairfield Channel Buoy 2 | MISSING | 12281 | 036BA | 08/12 |
| 21180 | Fairfield Channel Buoy 4 | MISSING | 12281 | 037BA | 08/12 |
| 21180 | Fairfield Channel Buoy 4 | OFF STA | 12281 | 286BA | 37/12 |
| 21185 | Fairfield Channel Buoy 6 | MISSING | 12281 | 233BA | 17/07 |
| 21362 | North Locust Point Marine Terminal Pier 7 Warning Buoy A | MISSING | 12281 | 569BA | 01/15 |
| 22095 | Onancock Creek -South Branch Buoy 1 | OFF STA | 12228 | 292BA | 30/08 |
| 22430 | Pocomoke Sound State Boundary Line Daybeacon H | TRUB/STRUCT DEST | 12228 | 165BA | 13/15 |
| 22440 | Pocomoke Sound State Boundary Line Daybeacon K | TRUB/STRUCT DEST | 12228 | NONEBA | 31/15 |
| 22985 | Ward Creek Warning Daybeacon A | MISSING | 12231 | 503BA | 31/05 |
| 23315 | Jones Creek Daybeacon 4 | DAYMK MISSING | 12231 | 402BA | 44/08 |
| 23340 | Jones Creek Daybeacon 12 | DAYMK DMGD | 12231 | 620BA | 45/11 |
| 23670 | Dorchester/Somerset County Line Marker DD | TRUB/STRUCT DEST | 12231 | 166BA | 13/15 |

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| 23715 | Dames Quarter Creek Channel Daybeacon 4 | OFF STA/TRUB | 12261 | 242BA | 24/07 |
| 25010 | Cambridge Municipal Yacht Basin Light 1 | MISSING | 12266 | 316BA | 40/12 |
| 25015 | Cambridge Municipal Yacht Basin Light 2 | MISSING | 12266 | 317BA | 40/12 |
| 25020 | Cambridge Channel Range Front Light | LT EXT | 12268 | 420BA | 46/08 |
| 25025 | Cambridge Channel Range Rear Light | LT EXT/DAYMK DMGD | 12268 | 418BA | 46/08 |
| 25330 | Pier Street Marina Daybeacon 1 | STRUCT DEST/HAZ NAV | 12266 | 157BA | 20/13 |
| 25335 | Pier Street Marina Daybeacon 2 | STRUCT DEST/HAZ NAV | 12266 | 168BA | 21/13 |
| 25760 | Upper Edge Creek Daybeacon 5 | STRUCT DEST/HAZ NAV | 12266 | 011BA | 02/15 |
| 26030 | Claiborne Channel Warning Daybeacon | STRUCT DEST | 12270 | NONEBA | 08/16 |
| 26036 | Claiborne Channel Buoy 5 | MISSING | 12266 | NONEBA | 08/16 |
| 26038 | Claiborne Channel Buoy 6 | MISSING | 12270 | 093BA | 08/16 |
| 26039 | Claiborne Channel Warning Buoy A | MISSING | 12270 | 094BA | 08/16 |
| 26040 | Claiborne Channel Warning Buoy B | MISSING | 12270 | NONEBA | 08/16 |
| 26210 | Oak Creek Buoy 3 | MISSING | 12270 | 092BA | 08/16 |
| 26225 | Oak Creek Warning Buoy | STRUCT DEST | 12270 | 265BA | 35/12 |
| 26275 | Cox Creek Daybeacon 5 | MISSING | 12270 | 184BA | 24/13 |
| 26343 | Greenwood Creek Buoy 1G | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.1 | Greenwood Creek Buoy 2 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.2 | Greenwood Creek Buoy 3 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.3 | Greenwood Creek Buoy 4 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.4 | Greenwood Creek Buoy 5 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.5 | Greenwood Creek Buoy 6 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.6 | Greenwood Creek Buoy 8 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.7 | Greenwood Creek Buoy 10 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.8 | Greenwood Creek Buoy 12 | OFF STA | 12270 | NONEBA | 12/15 |
| 26343.9 | Greenwood Creek Buoy 13 | OFF STA | 12270 | NONEBA | 12/15 |
| 26990 | Shallow Creek Daybeacon 9 | DAYMK MISSING | 12278 | NONEBA | 20/11 |
| 27230 | Upper Gunpowder River Buoy 2 | MISSING | 12274 | 280BA | 19/15 |
| 27240 | Upper Gunpowder River Buoy 4 | MISSING | 12274 | 279BA | 19/15 |
| 27245 | Upper Gunpowder River Daybeacon 5 | STRUCT DEST | 12274 | 278BA | 19/14 |
| 27250 | Upper Gunpowder River Buoy 6 | MISSING | 12274 | 277BA | 19/15 |
| 27255 | Upper Gunpowder River Buoy 7 | MISSING | 12274 | 276BA | 19/15 |
| 27265 | Upper Gunpowder River Buoy 9 | OFF STA | 12274 | 275BA | 19/15 |
| 27270 | Upper Gunpowder River Buoy 10 | OFF STA | 12274 | 274BA | 19/15 |
| 27280 | Upper Gunpowder River Daybeacon 12 | OFF STA | 12274 | 273BA | 19/15 |
| 27415 | Fairlee Creek Buoy 8 | OFF STA/BUOY DMGD | 12278 | 361BA | 28/14 |
| 27920 | Upper Elk River Buoy 8 | OFF STA | 12274 | 127BA | 16/13 |
| 27925 | Upper Elk River Buoy 9 | OFF STA | 12274 | 128BA | 16/13 |
| 30905 | Wilmington Marine Center Daybeacon 6 | DAYMK DMGD | 11537 | NONENC | 05/16 |
| 30910 | Wilmington Marine Center Daybeacon 7 | DAYMK DMGD | 11537 | NONENC | 05/16 |
| 31060 | Shallotte Inlet Buoy 2 | MISSING | 11534 | 005NC | 01/14 |
| 31087 | Shallotte Inlet Buoy 9 | MISSING | 11534 | 317NC | 23/13 |
| 32725.23 | Swanquarter PPA Warning Daybeacon X | STRUCT DEST | 11548 | 089NC | 09/16 |
| 32725.24 | Swanquarter PPA Warning Daybeacon Y | STRUCT DEST | 11548 | NONENC | 09/16 |
| 33427.5 | Swan Point Warning Daybeacon B | DAYMK MISSING | 11552 | 177NC | 12/15 |
| 33428 | Swan Point Warning Light C | DAYMK MISSING | 11552 | 178NC | 12/15 |
| 33428.5 | Swan Point Warning Daybeacon D | DAYMK MISSING | 11552 | 179NC | 12/15 |
| 35230 | Manahawkin Bay Lower Warning Light | LT EXT | 12324 | 371DB | 32/13 |
| 35780 | Absecon Waterway Upper Pier Light | LT IMCH | 12316 | 521DB | 38/14 |
| 35785 | Absecon Waterway Lower Pier Light | LT IMCH | 12316 | 522DB | 38/14 |
| 36777.3 | Cape May Village Daybeacon 4 | STRUCT DEST | 12316 | 556DB | 41/15 |
| | Asquith Creek Daybeacon 6 | DAYMK IMCH | 12282 | 520BA | 45/14 |
| | Back Creek-Syc Daybeacon 8 | STRUCT DMGD | 12238 | NONEHR | 23/16 |
| | Back River Buoy 6 | BUOY DMGD | | 263BA | 33/13 |

| | | | | |
|---|---------------|-------|--------|-------|
| Beach Cove South Channel Daybeacon 8 | MISSING | 12216 | NONEAC | 10/06 |
| Cherrystone Artificial Reef Buoys | MISSING | 12221 | NONED5 | 24/05 |
| Cox Creek Channel Buoy 6 (Patapsco) | ADRIFT | 12278 | 296BA | 36/13 |
| Cox Creek Channel Buoy 7 (Patapsco) | ADRIFT | 12278 | 297BA | 36/13 |
| East Cod Creek Daybeacon 4 | DAYMK MISSING | 12233 | 120BA | 21/12 |
| East Cod Creek Daybeacon 6 | DAYMK DMGD | 12285 | 318BA | 26/09 |
| Fox Hill Channel Daybeacon 4 | DAYMK DMGD | 12238 | 173HR | 23/12 |
| Fox Hill Channel Daybeacon 6 | STRUCT DEST | 12238 | 174HR | 23/12 |
| Grassy Sound North Pier Light | MISSING | 12316 | 0068AC | 41/12 |
| Grassy Sound South Pier Light | MISSING | 12316 | 0069AC | 41/12 |
| Harris River Approach Daybeacon 10 | DAYMK DMGD | 12238 | NONEHR | 05/12 |
| Hunting Creek Miles River Buoy 2 | BUOY DMGD | 12270 | 228MD | 25/16 |
| Indian River Bay Shellfish Excl. Buoy | MISSING | 12216 | NONEAC | 08/12 |
| Irish Creek Buoy 3 | MISSING | 12266 | 208BA | 23/16 |
| Little Cove Point Warning Light C | STRUCT DEST | 12264 | 286BA | 36/13 |
| Old House Cove Warning Daybeacon A | MISSING | 12231 | 0498BA | 31/05 |
| Old House Cove Warning Daybeacon B | MISSING | 12231 | 0499BA | 31/05 |
| Old House Cove Warning Daybeacon C | MISSING | 12231 | 0500BA | 31/05 |
| Parramore Artificial Reef Buoy | MISSING | 12210 | 0071ES | 21/05 |
| Playtors Creek Dbn 3 | STRUCT DEST | 12266 | 186BA | 18/16 |
| Shark Riv Is Ch By 1 | MISSING | | 215DB | 22/16 |
| Shark River Light 5 | LT EXT | | 395DB | 28/15 |
| St. Michaels Harbor Buoy 6 | SINKING | 12270 | 177BA | 16/16 |
| Upper Tangier Sound County Range Marker F | STRUCT DEST | 12231 | 155BA | 14/16 |
| VIMS Clay Bank Lighted Data Buoy A | MISSING | 12243 | NONEHR | 14/14 |
| VIMS Clay Bank Lighted Data Buoy B | MISSING | 12243 | NONEHR | 14/14 |
| VIMS Clay Bank Lighted Data Buoy C | MISSING | 12241 | NONEHR | 14/14 |
| Vims Water Qual Monitor Device (3) | MISSING | | NONEHR | 14/14 |
| Wachapreague Artificial Reef Buoys | MISSING | 12210 | 0072ES | 21/05 |

DISCREPANCIES (PRIVATE AIDS) CORRECTED

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|------|---------------------------|------------------|-----------|----------|--------|---------|
| | La Trappe Creek Ch Buoy 4 | RESET ON STATION | 12266 | 226BA | 25/16 | 26/16 |
| | La Trappe Creek Ch Buoy 6 | RESET ON STATION | 12266 | 226BA | 25/16 | 26/16 |
| | La Trappe Creek Ch Buoy 8 | RESET ON STATION | 12266 | 226BA | 25/16 | 26/16 |
| | La Trappe Creek Ch Buoy 9 | RESET ON STATION | 12266 | 226BA | 25/16 | 26/16 |

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

| | | | | | |
|--------------|--|---------------------------|--------------|-------|--------------|
| 7450 | USN Aerial Gunnery Area Warning Daybeacon A | TRLB | 12228 | 500BA | 16/16 |
| 8117 | NOAA Lighted Data Buoy SN | DISCONTINUED | 12278 | 602D5 | 50/15 |
| 8150 | Brewerton Channel Range Front Light | RELOCATED | 12281 | 181D5 | 14/15 |
| 9520 | Elizabeth River Channel Lighted Bell Buoy 10 | RELOCATED FOR DREDGING | 12245 | 623D5 | 52/15 |
| 9552.5 | Norfolk International Terminal North Channel Lighted Buoy 6N | RELOCATED FOR DREDGING | 12245 | 623D5 | 52/15 |
| 9620 | Elizabeth River Channel Lighted Buoy 20 | RELOCATED FOR DREDGING | 12245 | 623D5 | 52/15 |
| 9630 | Elizabeth River Channel Lighted Buoy 23 | RELOCATED FOR DREDGING | 12245 | 623D5 | 52/15 |
| 11897 | James River Channel Lighted Buoy 27A | DISCONTINUED FOR DREDGING | 12248 | 541D5 | 44/15 |
| 11904 | James River Channel Lighted Buoy 29A | DISCONTINUED FOR DREDGING | 12248 | 541D5 | 44/15 |
| 18812 | St. Jerome Creek Warning Daybeacon A | Other | 12233 | 315D5 | 26/16 |
| 19697 | NOAA Lighted Data Buoy AN | DISCONTINUED | 12283 | 604D5 | 50/15 |
| 21330 | Northwest Harbor Channel Lighted Buoy 2NH | RELOCATED | 12281 | 315D5 | 26/16 |
| 21335 | Northwest Harbor Channel Lighted Buoy 3 | RELOCATED | 12281 | 315D5 | 26/16 |
| 21340 | Northwest Harbor Channel Lighted Buoy 5 | RELOCATED | 12281 | 315D5 | 26/16 |
| 21345 | Northwest Harbor Channel Lighted Buoy 7 | RELOCATED | 12281 | 315D5 | 26/16 |
| 21510 | Mud Creek Channel Daybeacon 1 | DISCONTINUED FOR DREDGING | 12224 | 271HR | 17/15 |
| 21515 | Mud Creek Channel Daybeacon 2 | TRUB | 12224 | 221D5 | 18/15 |
| 23510 | Lower Thorofare Channel Light 6 | TRDBN | 12231 | 096D5 | 11/16 |
| 27405 | Fairlee Creek Light 2F | DISCONTINUED | 12278 | 136D5 | 13/16 |
| 28030 | Oregon Inlet Buoy 14A | DISCONTINUED FOR DREDGING | 12204 | 534D5 | 43/15 |
| 28035 | Oregon Inlet Buoy 15 | DISCONTINUED FOR DREDGING | 12204 | 012D5 | 03/16 |
| 28234 | Old House Channel Lighted Buoy 2H | DISCONTINUED | 12206 | 410D5 | 34/15 |
| 28669 | Hatteras Inlet Buoy 9 | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28670 | Hatteras Inlet Buoy 9A | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28717 | South Ferry Terminal Lighted Buoy 8SF | DISCONTINUED | 11555 | 437D5 | 15/16 |
| 28719 | South Ferry Terminal Lighted Buoy 10SF | DISCONTINUED | 11555 | 437D5 | 15/16 |
| 28724 | Hatteras Inlet Lighted Buoy 9B | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28726 | Hatteras Inlet Lighted Buoy 10 | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28726.1 | Hatteras Inlet Buoy 10A | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28726.2 | Hatteras Inlet Lighted Buoy 10B | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28729 | Hatteras Inlet Lighted Buoy 11 | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28730.1 | Hatteras Inlet Channel Lighted Buoy 11A | DISCONTINUED | 11555 | 297D5 | 27/14 |
| 28730.15 | Hatteras Inlet Channel Buoy 11AA | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28730.2 | Hatteras Inlet Channel Lighted Buoy 11B | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28733 | Hatteras Inlet Channel Lighted Buoy 12AA | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28733.1 | Hatteras Inlet Channel Buoy 12B | DISCONTINUED | 11555 | 269D5 | 21/15 |

| | | | | | |
|--------------|--|----------------------------------|--------------|--------------|--------------|
| 28733.2 | Hatteras Inlet Channel Buoy 12C | DISCONTINUED | 11555 | 269D5 | 21/15 |
| 28735.2 | Hatteras Inlet Channel Lighted Buoy 13 | DISCONTINUED | 11555 | NONED5 | 23/15 |
| 28955 | Teaches Hole Channel Lighted Buoy 20 | DISCONTINUED | 11550 | 173D5 | 14/15 |
| 29655 | New River Inlet Buoy 1 | DISCONTINUED | 11541 | 067D5 | 06/15 |
| 29660 | New River Inlet Buoy 2 | DISCONTINUED | 11541 | 067D5 | 06/15 |
| 29665 | New River Inlet Buoy 3 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29670 | New River Inlet Buoy 4 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29680 | New River Inlet Buoy 6 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29700 | New River Inlet Buoy 8 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29720 | New River Inlet Buoy 10 | DISCONTINUED | 11541 | NONED5 | 43/14 |
| 29721 | New River Inlet Buoy 10A | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29723 | New River Inlet Buoy 10B | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29725 | New River Inlet Buoy 11 | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 29726 | New River Inlet Buoy 11A | DISCONTINUED | 11541 | 491D5 | 43/14 |
| 30355 | Cape Fear River Entrance Channel Lighted Buoy 9 | RELOCATED FOR DREDGING | 11534 | 022D5 | 03/15 |
| 30360 | Cape Fear River Entrance Channel Lighted Buoy 10 | RELOCATED FOR DREDGING | 11534 | 022D5 | 03/15 |
| 30370 | Cape Fear River Entrance Channel Lighted Buoy 11 | RELOCATED FOR DREDGING | 11534 | 022D5 | 03/15 |
| 30373 | Cape Fear River Entrance Channel Lighted Buoy 13 | RELOCATED FOR DREDGING | 11534 | 022D5 | 03/15 |
| 39597 | New River - Cape Fear River Buoy 121 | RELOCATED DUE TO SHOALING | 11541 | 316D5 | 26/16 |

TEMPORARY CHANGES CORRECTED

| LLNR | Aid Name | Status | Chart No. | BNM Ref. | LNM St | LNM End |
|------|----------|--------|-----------|----------|--------|---------|
|------|----------|--------|-----------|----------|--------|---------|

None

PLATFORM TEMPORARY CHANGES

| Name | Status | Position | BNM Ref. | LNM St | LNM End |
|------|--------|----------|----------|--------|---------|
|------|--------|----------|----------|--------|---------|

None

PLATFORM TEMPORARY CHANGES CORRECTED

| Name | Status | Position | BNM Ref. | LNM St | LNM End |
|------|--------|----------|----------|--------|---------|
|------|--------|----------|----------|--------|---------|

None

SECTION IV - CHART CORRECTIONS

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

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

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

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

| | | | | | | |
|--|---|------------------|------------------------|---------------|---------------------------|----------------|
| 12206 | 35th Ed. | 01-DEC-15 | Last LNM: 25/16 | NAD 83 | | 26/16 |
| <i>Chart Title: Intracoastal Waterway Norfolk to Albemarle Sound via North Landing River or Great Dismal Swamp Canal</i> | | | | | | |
| CHART VA-NC- NORFOLK TO ALBEMARLE SOUND. Page/Side: N/A | | | | | | |
| CHANGE | Great Bridge to Albemarle Sound Light 38 to F I R 4s, 15FT, 4M at | | | | CGD05 at 36-37-45.054N | 076-03-14.886W |

| | | | | | | |
|--|-------------------------------------|------------------|------------------------|---------------|---|----------------------------------|
| 12230 | 66th Ed. | 01-APR-13 | Last LNM: 24/16 | NAD 83 | | 26/16 |
| <i>Chart Title: Chesapeake Bay Smith Point to Cove Point</i> | | | | | | |
| CHART VA-MD-CHESAPEAKE BAY: SMITH POINT TO COVE POINT. Page/Side: N/A | | | | | | |
| RELOCATE | Big Annemessex River Daybeacon 2 | | | | CGD05 from 38-02-41.326N to 38-02-41.341N | 075-51-26.327W 075-51-26.310W |
| RELOCATE | Big Annemessex River Daybeacon 4 | | | | CGD05 from 38-03-19.944N to 38-03-19.821N | 075-49-32.179W 075-49-32.088W |
| RELOCATE | Big Annemessex River Daybeacon 5 | | | | CGD05 from 38-03-18.408N to 38-03-18.547N | 075-48-54.387W 075-48-54.277W |
| RELOCATE | Big Annemessex River Light 1BA | | | | CGD05 from 38-03-09.668N to 38-03-09.657N | 075-52-09.630W 075-52-09.384W |
| RELOCATE | Daugherty Creek Channel Daybeacon 3 | | | | CGD05 from 38-01-50.955N to 38-01-50.902N | 075-50-36.101W 075-50-35.957W |

| | | | | | | |
|---|-------------------------------------|------------------|------------------------|---------------|---|----------------------------------|
| 12231 | 31st Ed. | 01-MAY-16 | Last LNM: 24/16 | NAD 83 | | 26/16 |
| <i>Chart Title: Chesapeake Bay Tangier Sound Northern Part</i> | | | | | | |
| Main Panel 569 TANGIER SOUND - NORTHERN PART. Page/Side: A | | | | | | |
| RELOCATE | Big Annemessex River Daybeacon 2 | | | | CGD05 from 38-02-41.326N to 38-02-41.341N | 075-51-26.327W 075-51-26.310W |
| RELOCATE | Big Annemessex River Daybeacon 4 | | | | CGD05 from 38-03-19.944N to 38-03-19.821N | 075-49-32.179W 075-49-32.088W |
| RELOCATE | Big Annemessex River Daybeacon 5 | | | | CGD05 from 38-03-18.408N to 38-03-18.547N | 075-48-54.387W 075-48-54.277W |
| RELOCATE | Big Annemessex River Light 1BA | | | | CGD05 from 38-03-09.668N to 38-03-09.657N | 075-52-09.630W 075-52-09.384W |
| RELOCATE | Daugherty Creek Channel Daybeacon 3 | | | | CGD05 from 38-01-50.955N to 38-01-50.902N | 075-50-36.101W 075-50-35.957W |

| | | | | | |
|--|--|------------------|------------------------|---|----------------------------------|
| 12285 | 42nd Ed. | 01-AUG-15 | Last LNM: 25/16 | NAD 83 | 26/16 |
| <i>ChartTitle: Potomac River; District of Columbia</i> | | | | | |
| CHART MD-VA-DC- POTOMAC RIVER. Page/Side: N/A | | | | | |
| CHANGE | Wicomico River Entrance Light 1W to FI G 4s, 18FT, 4M at | | | CGD05 at 38-14-29.415N | 076-49-28.803W |
| 12286 | 32nd Ed. | 01-JAN-15 | Last LNM: 14/16 | NAD 83 | 26/16 |
| <i>ChartTitle: Potomac River Piney Point to Lower Cedar Point</i> | | | | | |
| Main Panel 661 POTOMAC RIVER PINEY POINT TO LOWER CEDAR POINT. Page/Side: A | | | | | |
| CHANGE | Wicomico River Entrance Light 1W to FI G 4s, 18FT, 4M at | | | CGD05 at 38-14-29.415N | 076-49-28.803W |
| 12316 | 35th Ed. | 01-OCT-12 | Last LNM: 25/16 | NAD 83 | 26/16 |
| <i>ChartTitle: Intracoastal Waterway Little Egg Harbor to Cape May;Atlantic City</i> | | | | | |
| CHART NJ-IWW-LITTLE EGG HARBOR TO CAPE MAY. Page/Side: N/A | | | | | |
| CHANGE | New Jersey Intracoastal Waterway Light 328 to Q R, 15FT, 4M at | | | CGD05 at 39-12-03.394N | 074-40-49.639W |
| CHANGE | New Jersey Intracoastal Waterway Light 336 to FIR 4s, 15Ft, 4M at | | | CGD05 at 39-11-30.952N | 074-41-42.892W |
| CHANGE | New Jersey Intracoastal Waterway Light 340 to FIR 2.5s, 15FT, 4M at | | | CGD05 at 39-11-06.870N | 074-41-58.213W |
| 12324 | 35th Ed. | 01-MAR-12 | Last LNM: 25/16 | NAD 83 | 26/16 |
| <i>ChartTitle: Intracoastal Waterway Sandy Hook to Little Egg Harbor</i> | | | | | |
| CHART NY-NJ-SANDY HOOK TO LITTLE EGG HARBOR. Page/Side: N/A | | | | | |
| RELOCATE | Barnegat Inlet Buoy 27A (Supercedes LNM 25/16) | | | CGD05 from 39-46-56.083N to 39-46-56.345N | 074-07-03.852W 074-07-02.613W |
| RELOCATE | Barnegat Inlet Buoy 33 | | | CGD05 from 39-47-28.166N to 39-47-30.340N | 074-08-12.240W 074-08-07.808W |
| CHANGE | New Jersey Intracoastal Waterway Light 38 to Q R, 17FT, 4M at | | | CGD05 at 39-54-47.340N | 074-06-57.060W |

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

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

Advance Notice(s)

DE/NJ/PA - DELAWARE RIVER-NEW CASTLE RANGE REACH AND BULKHEAD BAR RANGE REACH – BUOYAGE NAME CHANGE

The following name and number changes will be made.

Delaware River-New Castle Range Reach aids:

New Castle Range Lighted Buoy 1N (LLNR 2720) will change to Delaware River Buoy 11.

Fort Delaware Light 5N (LLNR 2830) will change to Delaware River Light 15.

New Castle Range Lighted Gong Buoy 7N (LLNR 2835) will change to Delaware River Lighted Gong Buoy 17.

Chart 12311 LNM: 21/16

MD/VA – POTOMAC RIVER – DAHLGREN MIDDLE DANGER ZONE

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

Chart 12286 LNM: 25/16

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

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

4.5

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

Chart 12211

LNM: 26/16

******VA - VIRGINIA INSIDE PASSAGE - CHANGES TO AIDS TO NAVIGATION******

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

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

Virginia Inside Passage Warning Daybeacon AA (LL 5520) - Discontinue
Virginia Inside Passage Light 2 (LL 5525) - Discontinue
Establish Wallops Island Lighted Buoy 2 (LL 5525) at position 37-53-38.480N, 075-24-55.800W; F I R 2.5s
Virginia Inside Passage Warning Daybeacon (LL 5528) - Discontinue
Virginia Inside Passage Warning Daybeacon A (LL 5530) -Discontinue
Virginia Inside Passage Daybeacon 2A (LL 5531) - Discontinue
Virginia Inside Passage Warning Daybeacon B (LL 5533) - Discontinue
Virginia Inside Passage Light 3 (LL 5535) - Discontinue
Establish Wallops Island Lighted Buoy 3 (LL5531) at position 37-53-43.750N, 075-25-43.470W; F I G 2.5s
Establish Wallops Island Lighted Buoy 4 (LL 5535) at position 37-53-37.040N, 075-26-02.950W; F I R 2.5s
Virginia Inside Passage Light 4 (LL 5540) - Discontinue
Establish Wallops Island Lighted Buoy 5 (LL 5540) at position 37-53-31.670N, 075 26 46.110W; F I G 2.5s
Virginia Inside Passage Light 5 (LL 5545) - Discontinue
Establish Wallops Island Lighted Buoy 6 (LL 5545) at position 37-53-27.650N, 075-27-03.030W; F I R 2.5s
Virginia Inside Passage Daybeacon 6 (LL 5547) - Discontinue
Establish Wallops Island Lighted Buoy 7 (LL 5647) at position 37-53-16.290N, 075 27 26.510W; F I G 4s
Establish Wallops Island Lighted Buoy 7A (LL 5610) at position 37-53-06.020N, 75-27-48.170W; F I G 2.5s
Virginia Inside Passage Daybeacon 9 (LL 5615) - Discontinue
Establish Wallops Island Buoy 9 (LL 5615) at position 37-52-40.130N, 075-27-49.780W
Establish Wallops Island Buoy 11 (LL 5620) at position 37 52 27.240N, 075-27-52.650W
Virginia Inside Passage Daybeacon 11 (LL 5620) - Discontinue
Establish Wallops Island Buoy 12 (LL 5622) at position 37-52-21.820N, 075-27-52.770W
Virginia Inside Passage Daybeacon 12 (LL 5622) - Discontinue
Establish Wallops Island Buoy 13 (LL 5625) at position 37-52-00.320N, 075-28-09.070W
Virginia Inside Passage Daybeacon 13 (LL 5625) - Discontinue
Rename Virginia Inside Passage Daybeacon 14 (LL 5630) to Wallops Island Warning Daybeacon A (LL 5630)
Virginia Inside Passage Daybeacon 16 (LL 5635) - Discontinue
Virginia Inside Passage Daybeacon 17 (LL 5640) - Discontinue
Virginia Inside Passage Daybeacon 19 (LL 5645) - Discontinue
Virginia Inside Passage Daybeacon 20 (LL 5650) - Discontinue

Charts: 12210 12211

LNM: 10/16

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

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

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

VA – ELIZABETH RIVER AND YORK RIVER – NOAA BUOY RELOCATION

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

Charts: 12221 12253

LNM: 25/16

NC – BEAUFORT INLET – AID TO NAVIGATION RELOCATIONS

The Coast Guard will be relocating the following aids to the positions listed below on or about Jun 20, 2016 due to upcoming dredge operations:

Beaufort Inlet Channel Lighted Buoy 13, (LLNR 29372) 34-40-32.340/076-40-11.160

Beaufort Inlet Channel Lighted Buoy 15, (LLNR 29380) 34-40-49.000/076-40-11.000

Morehead City Channel Lighted Buoy 21, (LLNR 29440) 34-41-58.000/076-40-30.000.

Chart 11547

LNM: 23/16

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

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

Relocate:

Bogue Sound – New River Buoy 60 (LLNR 39217) to approximate position

34-35-55.31N/077-14-29.36W

Bogue Sound – New River Buoy 61A (LLNR39223) to approximate position

34-35-54.62N/077-14-30.01W

Establish:

Bogue Sound – New River Buoy 60A (LLNR 39219) in approximate position

34-35-52.48N/077-14-33.17W

Bogue Sound – New River Buoy 61B (LLNR 39224) in approximate position

34-35-51.60N/077-14-33.05W

Bogue Sound – New River Buoy 70 (LLNR 39290) in approximate position

34-33-07.877N/077-20-34.488W

Charts: 11541 11542

LNM: 26/16

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

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

Carolina Beach Inlet Buoy 1 (LLNR 30265) to approximate position

34-04-48.07N/077-51-46.59W

Carolina Beach Inlet Buoy 2 (LLNR 30270) to approximate position

34-04-49.52N/077-51-45.97W

Carolina Beach Inlet Buoy 3 (LLNR 30275) to approximate position

34-04-52.30N/077-51-59.91W

Carolina Beach Inlet Buoy 4 (LLNR 30280) to approximate position

34-04-52.56N/077-51.57.98W

Carolina Beach Inlet Buoy 5 (LLNR 30285) to approximate position

34-04-55.15N/077-52-08.42W

Carolina Beach Inlet Buoy 7 (LLNR 30290) to approximate position

34-04-55.54N/077-52-18.10W.

Charts: 11534 11539

LNM: 26/16

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

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

Charts: 11534 11537

LNM: 26/16

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/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf

This section also includes Public Notices for proposed changes to the bridges within the Fifth Coast Guard with a request for comments as indicated.

LNM: 41/11

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

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

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

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

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

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

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

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

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

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

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

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

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

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at http://www.navcen.uscg.gov/pdf/Inms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf All comments will be carefully considered and are requested prior to 02 August 2016 to be considered in the analysis. Refer to project number 05-16-095(D) .

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

U.S. Coast Guard Fifth District

Waterways Management (dpw)

Attn: Tiffany Johnson

431 Crawford Street

Portsmouth, VA 23704

Charts: 12311 12312

LNM: 26/16

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

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

5037-Sinepuxent Bay Channel Daybeacon 10A (TRUB)

5105-Sinepuxent Bay Channel Daybeacon 27 (TRUB)

5120-Sinepuxent Bay Channel Daybeacon 29 (TRUB)

5205-Chincoteague Bay Daybeacon 26 (TRUB)

5215-Chincoteague Bay Daybeacon 23 (TRUB)

5477-Chincoteague Bay Channel Daybeacon 16A (TRUB)

Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at http://www.navcen.uscg.gov/pdf/Inms/D5_LNM_2015_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.

All comments will be carefully considered and are requested prior to August 1, 2016 to be considered in this analysis. Refer to project number 05-16-096(D)

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

U.S. Coast Guard Fifth District

Waterways Management (dpw)

431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes

Chart 12211

LNM: 26/16

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

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

Aids to be discontinued and removed are Aberdeen Creek:

(LL 13890) Warning Daybeacon 37 20 12.517N—76 35 34.832W
(LL 13895) Warning Daybeacon 37 20 17.491N—76 35 28.620W
(LL 13900) Warning Daybeacon A 37 20 24.325N—76 35 34.602W
(LL 13905) Warning Daybeacon 37 20 31.957N—76 35 35.280W
(LL 13910) Warning Daybeacon B 37 20 36.517N—76 35 34.832W

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

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

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

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

Attn: Albert Grimes

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

Chart 12243

LNM: 24/16

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

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

Change Milford Haven East Light 3 (LLNR 14580) to Milford Haven East Daybeacon 3
Change Milford Haven East Light 5 (LLNR 14590) to Milford Haven East Daybeacon 5
Change Milford Haven East Light 6 (LLNR 14593) to Milford Haven East Warning Daybeacon A
Rename Milford Haven East Warning Daybeacon (LLNR 14595) to Milford Haven East Warning Daybeacon B
Establish Milford Haven East Buoy 7 (No LLNR) at 37 27 47.030N—76 15 13.650W
Rename Milford Haven East Buoy 6A (LLNR 14594) to Milford Haven East Buoy 8
Rename Milford Haven East Light 8 (LLNR 14600) to Milford Haven East Warning Daybeacon C
Establish Milford Haven East Buoy 9 (No LLNR) at 37 28 02.500N—76 15 45.600W
Rename Milford Haven East Light 9 (LLNR 14605) to Milford Haven East Daybeacon 11
Establish Milford Haven East Buoy 13 (No LLNR) at 37 28 04.950N—76 15 58.340W
Rename Milford Haven East Light 11 (LLNR 14610) to Milford Haven East Warning Daybeacon D
Rename Milford Haven East Daybeacon 12 (LLNR 14615) to Milford Haven East Daybeacon 14
Rename Milford Haven East Light 14 (LLNR 14620) to Milford Haven East Daybeacon 16
Establish Milford Haven East Buoy 18 (No LLNR) at 37 27 58.560N—76 16 17.400W

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

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

All comments will be carefully considered and are requested prior to July 11, 2016 to be considered in the analysis. Please reference project 05-16-082(D).

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

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

Attn: Albert Grimes

Charts: 12235 12238

LNM: 24/16

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

Warwick River Daybeacon 2 (LL 11525) and Jamestown Island Daybeacon 2 (LLNR 11995) were both destroyed and due depth restrictions the structures cannot be rebuilt. The Coast Guard is proposing discontinuing the both aids. Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at

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

All comments will be carefully considered and are requested prior to June 20, 2016 to be considered in the analysis. Please reference project 05-16-080(D).

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

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

Charts: 12245 12248

LNM: 22/16

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 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Charts: 12200 12205 12221 12222 12245 12254

LNM: 01/16

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

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

Chart 12241

LNM: 01/16

******VA - COASTAL - U.S. NAVAL BASE DAM NECK, VIRGINIA BEACH - SMALL ARMS RANGE LIVE FIRE SCHEDULE******

All vessel operators are reminded to review Danger Zone and Restricted Area Regulations as described in paragraph 334.380 of Chapter 2, of the latest edition U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West when operating south of the entrance to the Rudee Inlet, VA, off the Dam Neck Naval Firing Range. When firing is in progress during daylight hours, red flags will be displayed at conspicuous locations on the beach at the facility. When firing is in progress during periods of darkness, red flashing lights will be displayed from conspicuous locations which are visible from the water a minimum of four nautical miles. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit.

The U.S. Naval Base Dam Neck Live Fire Range will be active during periods advertised by Broadcast Notice to Mariners.

Charts: 12203 12205 12207 12221

LNM: 26/16

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

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

for each field are as follow:

AREA A: 37-09.0N 075-31.0W, 37-09.0N 075-34.7W, 37-12.0N 075-31.0W, 37-12.0N 075-34.7W.

AREA B: 36-29.0N 075-31.8W, 36-29.0N 075-35.5W, 36-26.0N 075-35.5W, 36-26.0N 075-31.8W.

AREA C: 36-29.0N 075-20.8W, 36-29.0N 075-24.5W, 36-26.0N 075-24.5W, 36-29.0N 075-20.8W.

AREA D: 36-46.5N 075-47.8W, 36-46.5N 075-46.5W, 36-47.5N 075-46.5W, 36-47.5N 075-47.8W.

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

Chart 12200

LNM: 01/16

VA – APPROACHES TO CHESAPEAKE BAY – HYDROPHONE DEPLOYMENT

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.

LNM: 07/15

NC - NEW RIVER - FIRING EXERCISES

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

2. The restricted areas in the Atlantic Ocean East of the New River Inlet as shown on National Ocean Service Chart 11543, will be closed to navigation because of firing exercises during the following periods:

Atlantic Coast Sector Live Fire Operations

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

8:00 a.m. to 10:00 pm Daily (Stinger Missiles and ranges)

Atlantic Coast Sector Non-Live fire operations

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

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

Stone Creek Sector 12:01 a.m. to Midnight – daily

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

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

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

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

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

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 – BENJAMIN FRANKLIN BRIDGE INSPECTIONS - DIVING OPERATION

Underwater bridge inspections will be conducted on the Benjamin Franklin Bridge, over the Delaware River, from June 13 to July 1, 2016. Diving and sonar work will be conducted during favorable periods of slack tide between 7am to 5pm Monday through Friday. A 24" dive boat "Louie" will be tied off to the bridge piers outside the main navigational channel. Dive boat "Louie" will be monitoring VHF-FM radio channels 16 and 13 at all times. Mariners are advised to proceed with caution when transiting the area.

Chart 12312

LNM: 22/16

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

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

Chart 12313

LNM: 26/16

******PA/NJ – DELAWARE RIVER – DREDGING OPERATIONS******

Charter Contracting will be performing mechanical dredging operations in the Delaware River, at GP Gypsum Corporation, in Camden, NJ from July 1, 2016 to February 28, 2017. A 48ft by 125ft deck barge with secured excavator and clamshell bucket, 2 hopper scows, 1 push boat, and 1 work boat will be in the vicinity of the dock area. All marine equipment will be monitoring VHF-FM channel 13 and 16. Work will be conducted from 6 am to 7 pm, Monday through Saturday. Mariners are advised to proceed with caution when transiting the area.

Chart 12313

LNM: 26/16

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

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

Chart 12313

LNM: 26/16

******PA/NJ – DELAWARE RIVER – SALEM CANAL – SOIL BORINGS******

Uni-Tech Drilling Company will be conducting soil boring operations in the entrance to the Salem Canal from Jun 27 thru Jul 1, 2016. Operations will be conducted from 7:00 am to 5:00 pm daily from a spud barge. Mariners may contact the operating units on channel 16 or 856-207-1426 or for questions or concerns contact Nick Thies at 856-694-4200 or nthies@unitechdrilling.com.

Chart 12311

LNM: 26/16

NJ – ABSECON INLET – DEMOBILIZATION WORK

Great Lakes Dredge & Dock Company is continuing its demobilization work off shore and in Absecon Inlet. Work consists of the retrieval and towing of floating steel pipeline from offshore areas on the north side of Corson's Inlet to the staging area in Absecon Inlet delineated by points "A, B, C, D" on the map attached as Enclosure 6. Once in the staging area, the steel pipe line will be submerged to the bottom. The submerged pipelines will be marked with floating yellow can buoys with flashing yellow lights and will be located well outside the marked navigation channel. As needed, sections of the submerged pipelines will be floated to the work area delineated by points "E, H, I, J". As individual pipe sections are completed in the Derrick Work Area, they will be floated to the Floating Pipe Raft Staging Area delineated by points "E, H, F G". The floating pipe sections will be banded together until a raft is complete. The rafts will be secured with anchors and marked with flashing yellow lights. This work will commence on 01 June and is expect to be complete by 15 July 2016. The Derrick 66, Derrick 68, Tender Tug RL Enterkin, Tender Boat Cavalier

NJ – ABSECON INLET – DEMOBILIZATION WORK

State, Tender Boat North Star State and Launch Muskegon River will be on site 7 days per week from 0600 to 1600. The Tug Pops will be on site 24 hours per day, 7 days per week. All vessels will monitor VHF-FM Channels 13 and 16. If you have any questions contact John D. Huit, Project Manager, 630-207-5196, JDHuit@gldd.com.

Chart 12316

LNM: 26/16

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

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

Charts: 12316 12318

LNM: 26/16

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

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

Chart 12317

LNM: 26/16

MD – BALTIMORE HARBOR – DREDGING

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

Chart 12281

LNM: 25/16

MD- BALTIMORE HARBOR – BRIDGE INSPECTION

An engineering firm, on behalf of the City of Baltimore, will be performing inspections at the SR 173 (Pennington Avenue) Bridge over Curtis Creek, mile 0.9, in Baltimore, MD. The inspection will be conducted between June 23 and July 1, 2016; M-F; from 7 a.m. to 5 p.m. Underwater inspections of the bridge fender system, lower portions of the support piers and depth measurements will be performed by divers. Inspection personnel, equipment, vessels will relocate from the movable span and navigable channel, upon request. The work vessel may be reached on VHF-FM channel 13. The project foreman can be reached at 973-769-3480. Mariners should notify the project foreman at least thirty minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12281

LNM: 24/16

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

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

NW Corner: 39°4.024'N / 76°17.504'W

SW Corner 39°3.949'N / 76°17.543'W

NE Corner: 39°04.047'N / 76°17.263'W

SE Corner: 39°03.950'N / 76°17.270'W

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

Chart 12272

LNM: 25/16

VA/MD/DC - POTOMAC RIVER - MATTAWOMAN CREEK TO - GEORGETOWN – GEORGETOWN CHANNEL – SECURITY ZONE

The annual July 4th Celebration on the National Mall in Washington, D.C. is scheduled to occur on July 4, 2016. As described in Title 33 Code of Federal Regulations Section 165.508, a security zone is established upon the waters of the Georgetown Channel, Potomac River, within 75 yards from the eastern shore measured perpendicularly to the shore, between the Long Railroad Bridge (the most eastern bridge of the 5-span, Fourteenth Street Bridge Complex) to the Theodore Roosevelt Memorial Bridge and all waters in between, totally including the waters of the Georgetown Channel Tidal Basin. This security zone will be enforced from 12:01 a.m. to 11:59 p.m. on July 4, 2016, and is necessary to control vessel traffic for the security and safety of life and property on navigable waters during the event. The effect will be to restrict vessel traffic on certain portions of the Potomac River. Entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port (COTP) Maryland-National Capital Region. Persons or vessels requiring entry into or passage through the security zone must first request authorization from the COTP Maryland-National Capital Region to seek permission to transit the area. The COTP Maryland-National Capital Region can be contacted at telephone number (410) 576-2693. The Coast Guard vessels enforcing this security zone can be contacted on marine band radio Channel 16 VHF-FM (156.8 MHz). Upon being hailed by a U.S. Coast Guard vessel by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed. If permission is granted, all persons and vessels must comply with the instructions of the COTP Maryland-National Capital Region and proceed at the minimum speed necessary to maintain a safe course while within the zone. The U.S. Coast Guard may be assisted in the patrol and enforcement of the zone by Federal, State, and local agencies. Address any comments or questions to the Sector Command Center, U.S. Coast Guard Sector Maryland-National Capital Region at (410) 576-2693.

Charts: 12285 12289

LNM: 23/16

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

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

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at US 50 (John Hanson Hwy) Bridge over Severn River, mile 4.3, in Annapolis, MD. The inspections will be conducted between April 11, 2016 and June 30, 2016; from 7 a.m. to 5 a.m. A barge will perform inspections weekdays from the hours of 7 a.m. to 5 p.m. A snoop truck will be performing inspections weeknights from 10 p.m. to 5 a.m. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The barge may be reached on VHF-FM channel 13. The project foreman can be reached at 202-270-5807 or 571-212-9266 or 443-243-4067. Mariners are requested to notify the project foreman fifteen minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12282

LNM: 14/16

MD - CHESAPEAKE BAY – SANDY POINT TO SUSQUEHANNA RIVER – PARAFOL TOWING OPERATIONS

Mariners are advised that waterway operations that include the towing of a tethered airborne platform in the Upper Chesapeake Bay are scheduled to occur from 28 March 2016 through 03 July 2016. The 65-foot MV SUZANNE will periodically tow an airborne parafoil aloft to an altitude of less than 500 feet from the vessel in an area to the NNE of the Brewerton Channel Eastern Extension, to the WNW of the Tolchester Channel, and to the SSE of Hart-Miller Island. Questions or concerns may be directed to the Maritime Applied Physics Corporation at telephone (443) 524-3330 (Ext. 118), or U. S. Coast Guard Sector Baltimore at (410) 576-2674 or (410) 576-2693.

Charts: 12273 12278

LNM: 14/16

MD- CHESAPEAKE BAY - HARRIS CREEK - OYSTER REEF RESTORATION

The U.S. Army Corps of Engineers and Maryland Department of Natural Resources have placed rock and shell at 66 sites to restore oyster reef habitat in Harris Creek in Talbot County, MD. In those areas, water depths are 1 ft to 2 ft shallower than what is currently shown on navigational charts. Please be vigilant when navigating through these areas. Oyster Reef locations may be seen on Enclosure 7. A general map, finer scale maps, and coordinates of the restoration areas are available at <http://www.nab.usace.army.mil/Missions/Environmental/OysterRestoration.aspx>

Contact the USACE Project Manager, Anna Compton - 410-962-4633 or anna.m.compton@usace.army.mil for further information.

Charts: 12266 12270

LNM: 17/16

MD- CHESAPEAKE BAY-HONGA, NANTICOKE, WICOMICO RIVER AND FISHING BAY-WICOMICO RIVER-TONYTANK CREEK

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

Chart 12261

LNM: 25/16

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET– OCEAN CITY INLET - US 50, HARRY W. KELLY MEMORIAL BRIDGE

The US 50 (Harry W. Kelly Memorial) Bridge over Isle of Wight (Sinepuxent) Bay, mile 0.5, in Ocean City, MD will remain in the closed-to-navigation position to accommodate increased vehicular traffic of the 2016 Ocean City Fireworks presentation. The bridge will remain in the closed position from 9:25 p.m. to 10:25 p.m. on Sunday July 3, 2016. Mariners able to pass under the closed span (13 feet above Mean High Water) may do so, and all others should adjust their transits accordingly. Mariners should use caution when transiting the area. For an emergency opening, please contact (410)-289-7126.

Chart 12211

LNM: 25/16

VA – CHESAPEAKE BAY – CAPE HENRY TO THIMBLE SHOAL LIGHT

Amphibious Construction Battalion 2 (ACB-2) will utilizing Anzio Beach Training Area, Joint Expeditionary Base Little Creek, ANZIO beaches 2, 3 and 4 located at 36.92°N 076.16°W from March to June of 2016 for marine construction operations. ELCAS(M) piers will be assembled and extend 880ft into the Chesapeake Bay. Operations will be conducted from 5:00 am to midnight. For further information please contact LT John Brayman (john.brayman1@navy.mil), LT Jonathan Castin (jonathan.castin@navy.mil) or LT Brackery Battle (brackery.battle@navy.mil).

Chart 12254

LNM: 19/16

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

Military Operations will be conducted in the following areas during the dates and times listed. Operations may consist of swimmers in the water, small boat operations consisting of four to seven boats, beach landing craft, helicopter air drops and recovery.

Naval Anchorage Area A and B, 28 June 2016. Between the hours of 9:00 am and midnight.

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

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

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

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

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

Charts: 12222 12254

LNM: 20/16

VA– HAMPTON ROADS - HAMPTON ROADS BRIDGE TUNNEL - BRIDGE INSPECTION

VDOT will be performing inspections at the I-64/US 60 Westbound, Hampton Roads Bridge Tunnel Bridge over Hampton Roads, mile 0.0, in Norfolk, VA. The inspection will be conducted between 20 June and 26 June 2016; from 8 a.m. to 11:59 p.m. The inspection team will conduct load testing of the concrete beams. Two barges and a tug will be in the vicinity of the bridge. The inspection personnel, equipment and vessels will not be able to relocate from the area. These vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (757) 536-7006 or (757) 925-1665. Mariners should use caution when transiting the area.

VA- HAMPTON ROADS - HAMPTON ROADS BRIDGE TUNNEL - BRIDGE INSPECTION

Chart 12245

LNM: 23/16

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

Norfolk Naval Shipyard (NNSY) Harbor Patrol Unit will be conducting a security exercise with blank live fire along their base waterfront on the Southern Branch of the Elizabeth River in approximate position 36-48-41N, 76-17-31W, 29 June 2016, between the hours of 9:00 am to 6:00 pm. Vessels from NSA-NNSY Harbor Patrol Unit and Atlantic Targeting 8M Rigid Hulled Inflatable Boat will take part in the exercise. VHF-FM channels 82 primary and 69 secondary will be monitored on scene and you may contact Petty Officer Swenson or Erik Wagner at 757-483-3821 for question or concerns.

Chart 12253

LNM: 26/16

******VA - ELIZABETH RIVER - NAVAL STATION NORFOLK******

Naval Station Norfolk will conduct training exercises July 12-15 and 18-19, 2016 along the waterfront of Naval Station Norfolk. The exercises will take place between 8:00 am and 5:00 pm in the Elizabeth River in approximate position 36 56' 30" N, 76 20' 05"W, 36 56' 50"N, 76 20' 05"W, in the vicinity of Piers 5 to 7. The exercise will include vessels from the NAVSTA Harbor Security Unit and Atlantic Targets. Mariners may contact the units on VHF-FM channels 82 and 69.

Chart 12245

LNM: 26/16

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

An engineering firm, on behalf of Newport News Waterworks, will be performing maintenance at Pipeline Bridge over Diascund Creek, mile 3.8, in Newport News (Lanexa), VA. The maintenance will be conducted between July 1, 2016 and January 30, 2017; Monday-Friday; from 7 a.m. to 5 p.m. Repair and rehabilitation of the bridge will occur. A barge and work boats will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (757) 621-4930 or (757) 621-4932. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and should use caution when transiting the area.

Chart 12251

LNM: 25/16

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

On or about July 1, Corman Marine will establish twelve temporary mooring buoys on the York River to support the construction of a new outfall and diffuser for the Hampton Roads Sanitation District Yorktown Water Treatment Plant. The buoys will be discontinued on or about January 1, 2017. Ten of the buoys will be north of the York River Channel, approximately 1500 yards south of Allens Island. The two buoys south of the channel will be located approximately 500 yards west of the northern entrance to Goodwin Thorofare Channel. All buoys will be white with a blue stripe. When not occupied by a vessel, the buoys will be outfitted with slow flashing white lights.

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

Chart 12241

LNM: 26/16

VA - SHOALING IN THE RUDEE INLET CHANNEL

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

Charts: 12205 12207 12208 12221

LNM: 10/16

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

The S165 Bridge across the North Landing River, mile 20.2, at Chesapeake, VA has sustained damage and will not be capable of normal operation until October 1, 2016. The north span of the bridge is fully operational and the south span of the bridge is limited in operational capability. The north span of the bridge will open-to-navigation on the hour and half hour, upon request, from 6 a.m. to 7 p.m., and on demand from 7 p.m. to 6 a.m. The north span of the bridge will open-to-navigation and the south span of the bridge will partially open-to-navigation, upon request, for scheduled openings at 9:30 a.m. for vessels transiting southeast, 10:30 a.m. for vessels transiting northwest, and noon and 2 p.m. for two-way vessel traffic through the bridge; Monday through Friday. The north span of the bridge will open-to-navigation and the south span of the bridge will partially open-to-navigation, upon request, for scheduled openings at 9:30 a.m. for vessels transiting southeast and 10:30 a.m. for vessels transiting northwest; Saturday and Sunday. The horizontal clearance of the bridge with the south span closed-to-navigation is 38 feet and the horizontal clearance of the bridge with south span partially open-to-navigation is 70 feet. The north span of the bridge will open-to-navigation for emergencies. The vertical clearance of the bridge in the closed position is 6 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so, after receiving confirmation from the bridge tender that it is safe to transit through the bridge. Mariners should use extreme caution when transiting the area.

Chart 12206

LNM: 12/16

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

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

Chart 12204

LNM: 17/16

NC - CURRITUCK BEACH LIGHT TO WIMBLE SHOALS - BRIDGE MAINTENANCE

An engineering firm, on behalf of the NCDOT, will be performing maintenance at US 64/US 264 (William B. Umstead Memorial) Bridge over Croatan Sound, mile 2.0, in Mann's Harbor, NC. The maintenance will be conducted between May 24, and Sept 1, 2016; Monday-Friday; from 7 a.m. to 5 p.m. Replacement of the bridge fendering 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 superintendent and work vessels may be reached on VHF-FM channel 13 or (910)-340-3666. Mariners should notify the project superintendent no less than one hour prior to navigation through the bridge and use caution when transiting the area.

Chart 12204

LNM: 21/16

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 - CAPE HATTERAS - SOUTH FERRY TERMINAL - SHOALING

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

Chart 11555

LNM: 25/16

NC - GALLANTS CHANNEL - BRIDGE CONSTRUCTION

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

Chart 11545

LNM: 12/16

NC - ATLANTIC COAST - ONSLOW BAY - ARTIFICIAL FISHING REEF SITE

On May 7, 2016 the NC Division of Marine Fisheries sank two vessels in the Artificial Fishing Reef Site 330. The Division of Marine Fisheries reports that the vessels have settled providing clearance of at least 15 feet for Artificial Fishing Reef Site 330. Interested mariners may contact NC Division of Marine Fisheries, Artificial Reef Coordinator at 252-726-7021 for further information.

Chart 11543

LNM: 19/16

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

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

Chart 11541

LNM: 24/16

NC – ATLANTIC COAST INTRACOASTAL WATERWAY – FIGURE EIGHT ISLAND SWING BRIDGE - MAINTENANCE - MILE MARKER 278

D. Evans Contracting will be conducting an inspection and maintenance on the Figure Eight Island Swing Bridge fender system located at mile marker 278 on the Atlantic Intracoastal Waterway in New Hanover County, NC. Maintenance crews will be working from a 30' by 40' barge located outside of the navigation channel during low tides, in daylight hours seven days a week from June 7 until July 1, 2016. D. Evans Contracting work boats will operating in and around the bridge during this project. Mariners are encouraged to transit this area with caution and requested to travel at no wake speeds. The onsite supervisor can be contacted via VHF Channel 13 to make passing arrangements or by phone at (910) 520-3369 for further information.

Chart 11541

LNM: 23/16

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

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

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

Chart 11520

LNM: 26/16

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

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

Chart 11536

LNM: 21/16

NC – CAPE FEAR RIVER - CITY OF WILMINGTON - 4TH OF JULY CELEBRATION - SAFETY ZONE

The "City of Wilmington 4th of July Celebration" fireworks display will be held on July 4, 2016 at 7:00 PM to 10:00 PM. A safety zone will be in effect on all waters of the Cape Fear River within an area bound by a line drawn from the following points: latitude 34°13'54- N., longitude 077°57'06- W.; thence northeast to latitude 34°13'57- N., longitude 077°57'05- W.; thence north to latitude 34°14'11- N., longitude 077°57'07- W.; thence northwest to latitude 34°14'22- N., longitude 077°57'19- W.; thence east to latitude 34°14'22- N., longitude 077°57'06- W.; thence southeast to latitude 34°14'07- N., longitude 077°57'00- W.; thence south to latitude 34°13'54- N., longitude 077°56'58- W.; thence to the point of origin, located approximately 500 yards north of Cape Fear Memorial Bridge. The fireworks will be launched from a barge that will be marked with signs labeled "DANGER" "FIREWORKS" "STAY AWAY". Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port, or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the Captain of the Port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed. For any comments or questions, contact the Marine Event Coordinator at Coast Guard Sector North Carolina, (910) 772-2221, or at NCMarineEvents@uscg.mil.

Chart 11537

LNM: 23/16

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 |
|------------|--|---------------------------------|-----------------------|---------------|--------------|------------------|----------------|
| 1030 | Barnegat Inlet Buoy 27A | 39-46-56.345N 074-07-02.613W | | | | Green can. | 26/16 |
| | | * | | | | | |
| 1065 | Barnegat Inlet Buoy 33 | 39-47-30.340N 074-08-07.808W | | | | Green can. | 26/16 |
| | | * | | | | | |
| 10468 | <i>Little Creek Harbor Entrance Lighted Buoy 1LC</i> | 36-58-04.596N 076-10-03.775W | Q G | | 5 | Green. | 26/16 |
| | | | | | * | | |
| 17255 | WICOMICO RIVER ENTRANCE LIGHT 1W | 38-14-29.415N 076-49-28.803W | FIG 4s | 18 | 4 | SG on pile. | 26/16 |
| | | | | | * | | |

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|--|--------------------------------------|-----------------------|---------------|--------------|--|----------------|
| 23280 | BIG ANNEMESSEX RIVER LIGHT 1BA | 38-03-09.657N 075-52-09.384W | FIG 2.5s | 18 | 4 | SG on pile. | 26/16 |
| 23285 | Big Annemessex River Daybeacon 2 | * 38-02-41.341N 075-51-26.310W | | | | TR on pile. | 26/16 |
| 23290 | Big Annemessex River Daybeacon 4 | * 38-03-19.821N 075-49-32.088W | | | | TR on pile. | 26/16 |
| 23295 | Big Annemessex River Daybeacon 5 | * 38-03-18.547N 075-48-54.277W | | | | SG on pile. | 26/16 |
| 23365 | Daugherty Creek Channel Daybeacon 3 | * 38-01-50.902N 075-50-35.957W | | | | SG on pile. | 26/16 |
| 35115 | NEW JERSEY INTRACOASTAL WATERWAY LIGHT 38 | * 39-54-47.340N 074-06-57.060W | Q R | 17 | 4 | TR-TY on pile. | 26/16 |
| 36230 | NEW JERSEY INTRACOASTAL WATERWAY LIGHT 328 | 39-12-03.394N 074-40-49.639W | Q R | 15 | 4 | * TR-TY on pile. | 26/16 |
| 36260 | NEW JERSEY INTRACOASTAL WATERWAY LIGHT 336 | 39-11-30.952N 074-41-42.892W | FIR 4s | 15 | 4 | * TR-TY on pile. | 26/16 |
| 36275 | NEW JERSEY INTRACOASTAL WATERWAY LIGHT 340 | 39-11-06.870N 074-41-58.213W | FIR 2.5s | 15 | 4 | * TR-TY on multi-pile structure. | 26/16 |
| 37380 | GREAT BRIDGE TO ALBEMARLE SOUND LIGHT 38 | 36-37-45.054N 076-03-14.886W | FIR 4s | 15 | 4 | * TR-TY on pile. | 26/16 |

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PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosures

1. Summary of Shoaling.
 2. Summary of Bridge Regulations/Construction/Permits.
 3. Summary of Dredging and Construction.
 4. Summary of Marine Events.
 5. Summary of Coast Guard Sector North Carolina shoaling/waterway projects.
 6. Summary of Coast Guard Sector Hampton Roads shoaling/waterway projects.
 7. Map of Absecon Inlet showing GLDD Staging areas.
 8. Harris Creek Oyster Reef Restoration sites.
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SUMMARY OF SHOALING REPORTED IN THE FIFTH COAST GUARD DISTRICT

DELAWARE SHOALING

DE- INDIAN RIVER BAY – SHOALING (Chart 12216)

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

NEW JERSEY SHOALING

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

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

PENNSYLVANIA SHOALING

MARYLAND SHOALING

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

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

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

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

Sinepuxent Bay Channel Daybeacon 11B (LLNR 5050), shoaling encroaches approximately 20 yds into the channel in a southwesterly direction. Water depths have been found as low as 2.5 ft during low tide.

Between Sinepuxent Bay Channel Light 8 (LLNR 5020) and Sinepuxent Bay Channel Daybeacon 10 (LLNR 5035), shoaling encroaches approximately 15 yds into the channel in an easterly direction. Water depths have been found as low as 2 ft during low tide.

Between Sinepuxent Bay Channel Buoy 33 (LLNR 5130) and Sinepuxent Bay Channel Daybeacon 35 (LLNR 5135) on the eastern side of the channel. Water depths have been found as low as 3 ft during low tide.

VIRGINIA SHOALING

VA – NANDUA CREEK (Chart 12226)

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

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

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

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

VIP Day beacon 107 (LLNR 5950) to VIP Day beacon 265 (LLNR 6580), Shoaling to less than 6ft MLW. HR BNM 106-16

Quinby Creek Day beacon 7 (LLNR 6770) to Quinby Creek Light 13 (LLNR 6785), Shoaling to less than 6 ft MLW. HR BNM 104-16

VIP Day beacon 244 (LLNR 6485), Shoaling to 1 foot. HR BNM 272-14

Sand Shoal Channel Light 1 (LLNR 6990) to Sand Shoal Light 10 (LLNR 6996) LNM 24-13

Oyster Creek Channel Junction Lighted Buoy OC (LLNR 7002/6447) to Oyster Creek Light 10 LLNR 7025), Shoaling to less than 6ft MLW. HR BNM 107-16

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NORTH CAROLINA SHOALING

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

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

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

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

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

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

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

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

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

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

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

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

NC – CAPE HATTERAS – HATTERAS INLET (Chart 11555)

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

NC – CAPE HATTERAS – SOUTH FERRY TERMINAL – SHOALING 8.34

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

NC – INTRACOASTAL WATERWAY - NEUSE RIVER TO MYRTLE GROVE SOUND – BOGUE SOUND - NEW RIVER (Chart 11541)

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

NC – CAPE HATTERAS – HATTERAS INLET (Chart 11555)

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

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

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

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

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

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

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

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

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

NC - MOREHEAD CITY (Chart 11547)

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

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

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

SUMMARY OF D5 BRIDGE PERMITS/REGULATIONS/CONSTRUCTION

(Yellow indicates new item)

CURRENT PROJECTS

Permits:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

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

SECTOR DELAWARE BAY

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

SECTOR HAMPTON ROADS

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

SECTOR NORTH CAROLINA

- **North Carolina** - None

Regulations:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

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

SECTOR DELAWARE BAY

- **Delaware** –
Broad Creek – Norfolk Southern Swing Bridge - Effective on June 27, 2016, the Coast Guard is changing the drawbridge operating regulation of the Norfolk Southern Railroad Bridge over Broad Creek, at mile 8.0, in Laurel, DE. This change alters the current regulation requiring a four advance notice and allows the bridges to remain in the closed position for the passage of vessels. A copy of the Docket USCG-2015-1101 published in the Federal Register on May 27, 2016 as a final rule.
- **New Jersey (Central & Southern)**
NJICW – Barnegat Bay – SR37 (vertical-lift) Bridge – The CG is temporarily modifying the drawbridge operating schedule between December 1, 2015 and March 31, 2018. Over the span of two and half years, the drawbridge will be closed to navigation for three four-month closure periods in the winter months. Extensive replacement of parts and repairs to the bridge necessitate these closures.
- **Pennsylvania** – None

SECTOR HAMPTON ROADS

- **Virginia (Southern)** -
Black Narrows & Lewis Creek Channel – SR 175 (bascule) Bridge – The Coast Guard modified the operating schedule that governs the SR 175 Bridge across Lewis Channel and Black Narrows, mile 3.5 at Chincoteague, VA. The change eliminates the need for the current operating schedule and returns the bridge to open on demand. The change does not include the last consecutive Wednesday and Thursday in July for the annual Pony swim. A copy of the Docket USCG-2014-0483 published in the Federal Register on April 11, 2016 as a final rule.

SECTOR NORTH CAROLINA

- **North Carolina** - None

Construction, et al:

SECTOR MARYLAND-NATIONAL CAPITAL REGION

- **Maryland**
Susquehanna River – US 40 & I-95/Hayden & Tydings (fixed) Bridges – Foundation and substructure repairs are in progress through 2016.
Susquehanna River – I-95 Millard E Tydings Memorial (fixed) Bridge – Cleaning, painting, and repairs are in progress through August 2017. During daylight hours Monday through Saturday a barge and crew boat will be working in various locations near the structure and a debris shield will be secured to the lower truss member

throughout the bridge but will not affect navigational clearances.

Curtis Creek – I-695 Baltimore Beltway (fixed portions) Bridge – Painting work is scheduled to continue through the fall of 2016. To facilitate the work, a platform will reduce the available vertical clearance outside the channel to 49 feet above MHW.

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

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

Chester River - S213 (MD213) Bridge - The bridge will be maintained in the closed-to-navigation position between 6 a.m. on February 22, 2016 until 6 p.m. on July 31, 2016 to facilitate a bridge stringer replacement project. During the closure period the bridge will be able to open for emergencies, if at least six hours notice is given. The vertical clearance of the bridge in the closed position is 12 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so, after receiving confirmation from the bridge tender that it is safe to transit through the bridge. Mariners should use caution when transiting the area.

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

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

- **Washington DC –**

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

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

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

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

Virginia (Northern) - None

SECTOR DELAWARE BAY

- **Delaware**

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

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

Delaware River – Commodore Barry (fixed) Bridge – To facilitate painting, work will continue until March 2016. Work platforms will be installed 3 feet beneath the bridge in various locations reducing the vertical clearance to 178 ft. above mean high water at the edge of the navigable channel (187 ft. center of channel). Mariners should exercise caution.

Drag Channel & Great Egg Harbor Bay (GEHB) – Garden State Parkway (fixed) Bridges - Marine work consisting of several activities including but not limited to temporary cofferdam construction, superstructure erection and demolition are in progress through December 2018 for the replacement of the existing southbound bridges and rehabilitation of the northbound bridges. In addition to replacing the southbound causeway, the project includes the demolition of the remaining portions of the Beesely's Point Bridge (US Route 9 over GEHB and Drag

Channel). Daily hours of construction operations are Monday through Saturday from 7 a.m. to 5 p.m. with a second shift and 24-hour operations scheduled for specific activities. It is anticipated that closure or reduced horizontal clearance of the navigational channels will be required.

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

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

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

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

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

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

Pennsylvania –

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

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

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

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

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

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

SECTOR HAMPTON ROADS

- **Virginia (Southern)**

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

Lynnhaven Inlet – US 60/John A. Lesner (fixed) Bridge – Work is in progress through June 2017 for a new replacement bridge at essentially the same location. The new bridge will have a vertical clearance of 45 feet above MHW, along with a horizontal clearance of 150 feet between face of the fenders. A dredge material placement site will be located southwest of the existing bridge, adjacent to the boat ramp facility and used as a staging area. The contractor will access the lay down and staging area via the waterway through a proposed temporary bulkhead.

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

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

Diascund Creek - Newport News Waterworks Pipeline bridge – Bridge maintenance will be conducted between July 1, 2016 and January 30, 2017; Monday-Friday; from 7 a.m. to 5 p.m. Repair and rehabilitation of the bridge will occur. A barge and work boats will be in and around the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. Work vessels may be reached on VHF-FM channel 13. The project foreman can be reached at (757) 621-4930 or (757) 621-4932. Mariners should notify the work foreman no less than thirty minutes prior to navigating through the area and should use caution when transiting the area.

SECTOR NORTH CAROLINA

- **North Carolina**

Gallants (Beaufort) Channel – US 70/Grayden Paul (fixed) Bridge – Work is in progress through May 31, 2017 for construction of a high-level fixed bridge relocated between Radio Island and Michael J Field in Carteret County. When completed, the new high-level fixed bridge will have a vertical clearance of 65 feet above MWH, along with a horizontal clearance of 100 feet between pile bents. The construction operation will include in-water work involving pile driving, concrete placement, girder setting, and concrete deck installation with post tensioning. Tugboats and barges will be used and will monitor VHF channel 13 in the event that mariners need to contact the contractor. Waterway closures are being planned.

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

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

Croatan Sound - US 64/US 264 (William B. Umstead Memorial) Bridge - Maintenance will be conducted between May 24, 2016 and September 1, 2016; from 7 a.m. to 5 p.m. Replacement of the bridge fender system will occur. Two barges with several small floats will be in or the vicinity of the bridge. Maintenance personnel, equipment and vessels will relocate from the navigable channel, upon request. The project foreman and work

vessels may be reached on VHF-FM channel 13 or (919) 340-3666. Mariners should notify the project foreman no less than one hour prior to navigation through the bridge and use caution when transiting the area.

FUTURE PROJECTS:

Permits/Construction:

- **Maryland**
Potomac River - Theodore Roosevelt (fixed) Bridge - DDOT is conducting an investigation and assessment of the bridge, which will be completed winter of 2015. They'll assess structural condition, needs for extended life cycle, and safety compliance improvements. Then will do a design analysis of alternatives with construction in the future (no date given).
- **Washington, DC** –
Anacostia River – 11th Street Bridge Park – Proposed fixed pedestrian bridge park to be built on retained substructure of old 11th Street Bridge.
- **Virginia (Northern)** - None
- **Delaware** – None
- **New Jersey (Central & Southern)** – None
- **Pennsylvania** – None
- **Virginia (Southern)** – None
- **North Carolina**
Mid-Currituck Sound (fixed) Bridge – Proposed new fixed structure in final review of the design.
Perquimans River – US 17 business (fixed) Bridge – Proposed new fixed bridge structure to replace (swing) bridge in final review of the design and environmental package.
Alligator River – US 64 (fixed) Bridge Proposed new fixed bridge structure to replace (swing) bridge in final review of the design and environmental package.
Atlantic Intracoastal Waterway – SR 50 Sears Landing Surf City (fixed) Bridge Proposed new fixed bridge structure to replace (swing) bridge in final review of the design and environmental package.
Cape Fear River – Wilmington bypass south (fixed) Bridge Proposed new fixed bridge structure in review of the design and environmental package.
Straits Waterway - Harkers Island Bridge – Proposed new fixed bridge structure to replace existing swing span bridge (Bridge No. 73). Draft Vessel Height Survey Report in review.

Regulations:

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

SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS CURRENTLY IN PROGRESS

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

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

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

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

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

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

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

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

NJ – ABSECON INLET – DEMOBILIZATION WORK (Chart 12316)

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

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

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

39 32 48.21 N 74 15 01.20 W (Beach landing subline #1)
39 32 05.57 N 74 13 24.11 W (Seaward end subline #1)
39 34 08.84 N 74 13 47.19 W (Beach landing subline #2)
39 34 20.11 N 74 13 00.10 W (Seaward end subline #2)

Below are the coordinates encompassing the burrow area:

39 34 59.12 N 74 13 17.33 W
39 34 37.11 N 74 12 17.55 W
39 31 08.35 N 74 13 18.55 W
39 31 48.46 N 74 15 52.15 W

Ref LNM 16/16

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

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

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

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

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

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

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

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

MD – BALTIMORE HARBOR – DREDGING (Chart 12281)

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

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

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

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

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

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

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

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

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

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

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

VA – CHESAPEAKE BAY – CAPE CHARLES TO WOLF TRAP – CHERRYSTONE INLET CHANNEL – DREDGING Chart 12224

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

VA – CHESAPEAKE BAY – NORFOLK HARBOR – DREDGING (Chart 12253)

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

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

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

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

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

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

Dredge Marion of Cottrell Contracting Corporation of Chesapeake, VA will be conducting dredging operations in Skiffes Creek Federal Channel into Joint Base Langley-Eustis, Newport News from Skiffes Creek Channel Lighted Buoy 2 (LLNR 11725) to the innermost dock at Joint Base Langley-Eustis. Dredging pipeline will run behind the dredge on the landward side of Restricted Area 334.280 and then on to shore. The dredge will conduct operations from May 11 through **July 31, 2016**. Ref: LNM 19/16

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

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

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

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

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

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

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

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

NC - ROANOKE SOUND - MANTEO, NC - SUBMARINE CABLE INSTALLATION (Chart 12204)

Crofton Diving Corporation will be installing submarine cable on the east side of Manteo, NC crossing Roanoke Sound to Nags Head, NC from 21 April to **20 July 2016** daylight hours only. Operations will be taking place between: 35° 56'03.07N and 75 °

41°27.53W & 35° 57'08.55N and 75 ° 37'58.76W. Barges & vessels will be moored on site with divers working over the side. Crofton's crews will be monitoring the following radio frequencies: VHF channel 13 & 16 or (757) 418-1308. Ref LNM 17/16

NC – BEAUFORT INLET- DREDGING (Chart 11547)

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

NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION (Chart 11545)

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

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

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

NC – CROATAN SOUND –DARE COUNTY - BRIDGE CONSTRUCTION

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

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

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

NC – KINDER MORGAN PIER – CONSTRUCTION (Chart 11537)

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

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

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

SUMMARY OF D5 MARINE EVENTS/FIREWORKS DISPLAYS

FIREWORKS – DISPLAY PRECAUTIONS AND REGULATIONS

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

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

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

Anacostia River, Washington, DC, within a 150 yard radius of the fireworks barge located near the Washington Nationals Ball Park, in approximate position latitude 38°52'13" N, longitude 077°00'16" W. This safety zone will be enforced **on July 1, 2016**, from 9 p.m. to 11 p.m. (no rain date) for a fireworks display scheduled at the conclusion of the scheduled MLB game, at approximately 9:30 p.m. Chart 12289.

Assawoman Bay, Fenwick Island, Ocean City, MD, within a 360 yard radius of the fireworks launch location on the pier at the West end of Northside Park, in approximate position 38°25'55" N, 075°03'53" W. This safety zone will be enforced **on July 4, 2016**, from 9 p.m. to 11 p.m. (with a rain date of July 5, 2016) for a fireworks display scheduled at 9:30 p.m. Chart 12211.

Baltimore Inner Harbor, Patapsco River, MD, within a 100 yard radius of approximate position latitude 39°17'04" N, longitude 076°36'36" W, located in Baltimore Inner Harbor, approximately 125 yards southeast of pier 1, and Baltimore Harbor, Baltimore Inner Harbor, MD, within a 280 yard radius of a fireworks barge in approximate position latitude 39°16'36.7" N, longitude 076°35'53.8" W, located northwest of the Domino Sugar refinery wharf at Baltimore, Maryland. These safety zones will be enforced **on July 4, 2016**, from 8 p.m. to 10:30 p.m. (with a rain date of July 5, 2016) for a fireworks display scheduled from 9:30 p.m. to 10 p.m. Chart 12281.

Chester River, Kent Narrows North Approach, MD, within a 300-yard radius of the fireworks launch site located on Kent Island at 38°58'44.4" N, longitude 076°14'51.7" W in Queen Anne's County. This safety zone will be enforced **on June 30, 2016** from 8:30 p.m. to 11 p.m. (with a rain date of July 3, 2016) for a fireworks display scheduled for 9:30 p.m. Chart 12272.

Chesapeake Bay, Chesapeake Beach, MD, within a 150 yard radius of the fireworks barge in approximate position 38°41'36" N, 076°31'30" W, and within a 150 yard radius of the fireworks barge in approximate position 38°41'28" N, 076°31'29" W, located north and south of the jetties at Chesapeake Beach, Maryland. This safety zone will be enforced **on July 1, 2016**, from 8:30 p.m. to 10:30 p.m. (with a rain date of July 3, 2016) for a fireworks display scheduled at 9:20 p.m. Chart 12263.

Choptank River, Cambridge, MD, within a 300-yard radius of the fireworks launch site located at Great Marsh Point, Cambridge at 38°35'06" N, 076°04'46" W. This safety zone will be enforced **on July 4, 2016** from 8 p.m. to 10:30 p.m. (with a rain date of July 5, 2016) for a fireworks display scheduled for 9:15 p.m. Chart 12266.

Isle of Wight Bay, Ocean City, MD, within a 200 yard radius of the fireworks barge in approximate position 38°22'31" N, 075°04'34" W. This safety zone will be enforced **on July 4, 2016**, from 9 p.m. to 11 p.m. (with a rain date of July 5, 2016) for a fireworks display scheduled at 10 p.m. Chart 12211

Middle River, Baltimore County, MD, within a 300-yard radius of the fireworks barge in approximate position 39°17'45" N, 076°23'49" W, approximately 300 yards east of Rockaway Beach, near Turkey Point. This safety zone will be enforced **on July 2, 2016**, from 8:30 p.m. to 11 p.m. (no rain date) for a fireworks display scheduled at 9:25 p.m. Chart 12278.

North Atlantic Ocean, Ocean City, MD, in an area bound by the following points: Latitude 38°19'39.9" N, longitude 075°05'03.2" W; thence to latitude 38°19'36.7" N, longitude 075°04'53.5" W; thence to latitude 38°19'45.6" N, longitude 075°04'49.3" W; thence to latitude 38°19'49.1" N, longitude 075°05'00.5" W; thence to point of origin. The size of the safety zone extends approximately 300 yards offshore from the fireworks launch area located at the high water mark on the beach. This safety zone will be enforced **on July 4, 2016**, from 9 p.m. to 11 p.m. (with a rain date of July 5, 2016) for a fireworks display scheduled at 9:30 p.m. Chart 12211.

Northeast River North East, MD, within a 300-yard radius of the fireworks barge in approximate position 39°35'26" N, 075°57'00" W, located approximately 400 yards south of the North East Community Park. This safety zone will be enforced **on July 3, 2016**, from 8 p.m. to 10:30 p.m. (with a rain date of August 6, 2016) for a fireworks display scheduled at 9 p.m. Chart 12274.

Patuxent River, Calvert County, MD, within a 200 yard radius of the fireworks barge located at 38°19'17" N, 076°27'45" W, approximately 800 feet from shore at Solomons Island, MD. This safety zone will be enforced **on July 4, 2016**, from 8 p.m. to 10 p.m. (with a rain date of July 5, 2016) for a fireworks display scheduled at 9:15 p.m. Chart 12284.

Potomac River, Prince William County, VA, within a 200-yard radius of the fireworks barge in approximate position 38°34'10" N, 077°15'36" W, located near Cherry Hill, Virginia. This safety zone will be enforced **on June 25, 2016**, from 8 p.m. to 10:30 p.m. (no rain date) for a fireworks display scheduled for 9:30 p.m. Chart 12289.

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

Severn River and Spa Creek, Annapolis, MD, within an area bounded by a line drawn from 38°58'43.75" N, 076°28'01.42" W; thence to 38°58'21.14" N, 076°28'22.12" W; thence to 38°58'39.47" N, 076°28'48.72" W; thence to 38°58'53" N, 076°28'33.74"

W, thence to 38°58'57.22" N, 076°28'39.83" W, thence to 38°59'02.15" N, 076°28'34.61" W, thence to point of origin; located near the entrance to Spa Creek and Severn River, Annapolis, Maryland. This safety zone will be enforced **on July 4, 2016**, from 8 p.m. to 10:30 p.m. (with a rain date of July 5, 2016) for a fireworks display scheduled from 9 p.m. to 9:20 p.m. Charts 12282, 12283.

Tred Avon River, Oxford, MD, within a 150-yard radius of the fireworks barge in approximate position 38°41'24" N, 076°10'37" W, approximately 500 yards northwest of the waterfront at Oxford. This safety zone will be enforced **on July 3, 2016** from 8 p.m. to 10:30 p.m. (with a rain date of July 5, 2016) for a fireworks display scheduled from 9:30 p.m. to 10 p.m. Chart 12266.

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

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

MD/VA/DC - CHESAPEAKE BAY AND MARYLAND SEACOAST AND THEIR TRIBUTARIES – FIREWORKS DISPLAYS

Mariners are advised of the following notices received for fireworks displays scheduled to occur on or near navigable waters within the Coast Guard Captain of the Port Maryland-National Capital Region Zone during the 2016 Independence Day holiday period:

Aquia Creek, Aquia Harbour, Stafford, VA, mariners are urged to remain at least 200 yards from the fireworks discharge barge located in Aquia Creek near Washington Drive on **July 4, 2016** (rain date of July 5, 2016) for a display scheduled at 10 p.m. Chart 12288.

Chesapeake Bay, Stevensville, MD, mariners are urged to remain at least 100 yards from the fireworks discharge site located on the western shoreline of Kent Island on **July 2, 2016** (no rain date) for a display scheduled at 9:30 p.m. Chart 12270.

Chester River, Town of Chestertown, MD, mariners are urged to remain at least 200 yards from the fireworks discharge site located on shore near the mouth of Radcliffe Creek on **July 4, 2016** (no rain date) for a display scheduled at 9:20 p.m. Chart 12272.

Eastern Bay, Grasonville, MD, mariners are urged to remain at least 50 yards from the fireworks discharge site located on shore along Little Greenwood Creek on **July 2, 2016** (no rain date) for a display scheduled at 9:30 p.m. Chart 12270.

Fairlee Creek, Great Oak Landing Marina, MD, mariners are urged to remain at least 200 yards from the fireworks discharge site located on shore at Shell Point on **July 2, 2016** (rain date of September 3, 2016) for a display scheduled at 9:25 p.m. Chart 12274.

Herring Bay, Herrington Harbour South Marina, Rose Haven, MD, mariners are urged to remain at least 150 yards from the fireworks discharge site located on the south jetty on **July 1, 2016** (rain date of September 2, 2016) for a display scheduled at 9:45 p.m. Chart 12266.

Nanticoke River, Nanticoke, MD, mariners are urged to remain at least 70 yards from the fireworks discharge site located on the end of a pier at the Roaring Point Waterfront Campgrounds on **July 2, 2016** (no rain date) for a fireworks display scheduled for 9 p.m. Chart 12261.

Patuxent River, Golden Beach/Patuxent Knolls Civic Association, MD, mariners are urged to remain at least 200 yards from the fireworks discharge site located on shore near Long Point on **July 2, 2016** (rain date of July 3, 2016) for a display scheduled at 9 p.m. Chart 12284.

Potomac River, Mount Vernon, VA, mariners are urged to remain at least 150 yards from the fireworks discharge barge located near the shoreline at George Washington's Mount Vernon Estate on **July 2, 2016** (no rain date) for a display scheduled at 9:30 p.m. Chart 12289.

Potomac River, Mount Vernon, VA, mariners are urged to remain at least 150 yards from the fireworks discharge barge located near the shoreline at George Washington's Mount Vernon Estate on **July 4, 2016** (no rain date) for a daytime display scheduled at 12:30 p.m. Chart 12289.

Potomac River, Town of Colonial Beach, VA, mariners are urged to remain at least 150 yards from the fireworks discharge site located at the end of the Municipal Pier on **July 4, 2016** (rain date of July 5, 2016) for a display scheduled at approximately 9 p.m. Chart 12286.

Severn River, Sherwood Forest, MD, mariners are urged to remain at least 150 yards from the fireworks discharge site located at the end of the Sherwood Forest Club's Main Pier on **July 3, 2016** (rain date of July 8, 2016) for a display scheduled at 9:20 p.m. Chart 12282.

Somers Cove, Crisfield, MD, mariners are urged to remain at least 100 yards from the fireworks discharge site located on shore at Jersey Island on **July 2, 2016** (rain date of September 4, 2016) for a display scheduled at 9 p.m. Chart 12231.

St. Mary's River, St. Mary's City, MD, mariners are urged to remain at least 150 yards from the fireworks discharge site located on a private pier across from St. Mary's College of Maryland on **July 1, 2016** (rain date of July 8, 2016) for a display scheduled at 9:15 p.m. Chart 12233.

Susquehanna River, Havre de Grace, MD, mariners are urged to remain at least 200 yards from the fireworks discharge site located on the island at Tydings Park on **July 3, 2016** (rain date of July 4, 2016) for a display scheduled at 9:30 p.m. Chart 12274.

Mariners are urged to transit these areas with caution, to keep a sharp lookout for other watercraft in these areas, and are reminded to heed the directions of patrolling law enforcement and public safety officials. Absent specific guidance, mariners should remain 300 yards from any fireworks discharge site. For any comments or questions, contact Coast Guard Sector Maryland-National Capital Region, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693.

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

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

MD – HEAD OF CHESAPEAKE BAY - SUSQUEHANNA RIVER – SWIM EVENT

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

Chart 12274

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

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

Chart 12281

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

The an annual distance sailboat race is scheduled to occur in the Approaches to Baltimore Harbor and Patapsco River on **July 16, 2016**, from 10 a.m. to 6 p.m. Approximately 50 sail boats (24 to 50 feet in length) will compete on a designated course located between Baltimore Light (LLNR 8035) and Fells Point at Baltimore, MD. More information can be obtained at Baltimore City Yacht Association's (BCYA) website: www.bcya.com. Interested mariners may contact the BCYA Race Committee on marine band radio VHF-FM channel 72. For any comments or questions contact Coast Guard Sector Baltimore, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

Charts 12278, 12281

MD – CHESAPEAKE BAY – CHESTER RIVER – REGULATED AREA

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

Chart 12272

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

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

Chart 12270

MD – CHESAPEAKE BAY – COVE POINT TO SANDY POINT – OVERNIGHT SAILING RACE

The "EYC Boomerang Overnight Race" sail race is scheduled to occur on the Chesapeake Bay, beginning at approximately 5:30 p.m. on July 9, 2016 and ending at 12 p.m. (Noon) on **July 10, 2016**. The overnight distance race with up to 90 participating sailboats (30-80 ft in length) will start and finish at Annapolis, MD and take place in the Chesapeake Bay between the Wm. P. Lane, Jr. (US-50/301) Memorial Bridges and Cove Point, MD. Interested mariners may contact the Eastport Yacht Club's Race Committee during the start and finish on the marine band radio VHF-FM channels 16 and 72. For any comments or questions contact Coast Guard Sector Baltimore, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

Chart 12270

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

The Annapolis Yacht Club's (AYC) annual sailing regattas are scheduled to occur in the Severn River and the Chesapeake Bay, near the mouth of the Severn River, between 10 a.m. and 4 p.m., with 21 individual events scheduled on the following dates in 2016: April 23 (*Spring One Design*), April 29-May 1 (*NOOD Regatta*); May 14 (*Spring Harbor Regatta*), May 21-22 (*U.S. Sailing Match Race Qualifier*); June 11 (*Annual Regatta and Annual Regatta Distance Race*), June 18-19 (*CRAB Cup*); July 7 (*Junior Annual Regatta*), July 16-17 (*Free State Team Race*), July 23 (*Summer One Design*); September 3-4 (*Annapolis Labor Day*), September 9-11 (*U.S. Women's Match Race Championship*), September 10 (*Fall Harbor*), September 13-15 (*Warrior Sailing Project*), September 24-25 (*Inter-Club Team Race*); October 1-2 (*Fall Series Weekend 1*), October 8 (*Fall Series Distance Race*), October 15-16 (*Fall Series Weekend 2*), October 22-23 (*Fall Eschells - Lippincott and Halloween Howl*), **October 29-30** (*J/105 & J/35 Fall Championships*). The AYC Race Committee can be contacted at racechair@annapolisyc.org. For any comments or questions, contact Coast Guard Sector Maryland – National Capital Region, Waterways Management Division, at (410) 576-2674 or (410) 576-2693.

Charts 12270, 12282, 12283

MD – CHESAPEAKE BAY – SEVERN RIVER – SAILING REGATTA SERIES

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

Charts 12282, 12283

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

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

Chart 12270

MD - SEACOAST - FENWICK ISLAND TO CHINCOTEAGUE ISLAND - OCEAN CITY – WEEKLY PYROTECHNIC SHOWS

Weekly pyrotechnic shows are scheduled to occur along the North Atlantic Ocean each Sunday from May 28, 2016 to **September 4, 2016**, at 9:30 p.m. The weekly shows will occur on the beach at North Division and 1st Streets in Ocean City, MD, in approximate position latitude 38°33'07.3" N, longitude 075°03'38.0" W. Absent specific guidance, mariners should remain 50 yards from the show site.

Chart 12211

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

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

Chart 12211

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

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

Chart 12211

VA - CHESAPEAKE BAY - HILLS BAY

The Fishing Bay Yacht Club's One Design Summer Sea Breeze, will occur on Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on **July 23, 2016** beginning at 9:00 a.m. and ending at 5:00 p.m. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - HILLS BAY

The Fishing Bay Yacht Club's One Design Laser Summer Regatta 2016, will occur on Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on **July 24, 2016** beginning at 9:00 a.m. and ending at 5:00 p.m. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - PIANKATANK RIVER - DELTAVILLE

The Fishing Bay Yacht Club's Cut Channel Race 2016 will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on **July 2, 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 - HILLS BAY

The Fishing Bay Yacht Club's One Design Summer Sea Breeze, will occur on Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on **July 3, 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 - HILLS BAY

The Fishing Bay Yacht Club's 4th of July Long Distance, will occur in Hills Bay near Gwynn Island in Milford Haven, VA. This event will take place on **July 4, 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 - HILLS BAY

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

VA - CHESAPEAKE BAY - JAMES RIVER - CHICKAHOMINY RIVER

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

VA - CHESAPEAKE BAY - FLEETS BAY - INDIAN CREEK

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

VA - CHESAPEAKE BAY - BUCKROE BEACH

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

VA - CHESAPEAKE BAY - HAMPTON ROADS - HAMPTON BAR

The Hampton Yacht Club will be hosting the Double Handed Race sailing race on **July 10, 2016** from 11 AM until 4 PM. Racing will take place in the vicinity of Hampton Roads and Hampton Bar in Hampton Roads, VA. Mariners are requested to use caution when transiting the area.

VA - CHESAPEAKE BAY - HAMPTON BAR

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

VA - CHESAPEAKE BAY - HAMPTON RIVER

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

VA - CHESAPEAKE BAY - HAMPTON ROADS

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

VA - CHESAPEAKE BAY - HAMPTON ROADS - ELIZABETH RIVER

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

VA - CHESAPEAKE BAY - ELIZABETH RIVER

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

NC – NORTH CAROLINA SEACOAST – NORTH CAROLINA BAYS, SOUNDS AND OTHER WATERS - SAFETY ZONES FOR FIREWORKS DISPLAYS

As described in the Table to Title 33 Code of Federal Regulations Section 100.506, the following Safety Zones are established for fireworks displays planned within the Coast Guard Captain of the Port North Carolina Zone during the 2016 Independence Day holiday period. Fireworks barges and launch sites on land will have signs labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the safety zone will be enforced. Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port (COTP) or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the COTP or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed. Other Federal, State and local agencies may assist these personnel in the enforcement of the safety zone. For any comments or questions, contact the Marine Event Coordinator at Coast Guard Sector North Carolina, (910) 772-2221, or at NCMarineEvents@uscg.mil

NC – Neuse River – Oriental – Marine Event - Safety Zone

The "Pamlico County Croaker Festival Fireworks" display will be held on **July 2, 2016** from 7 pm to 10pm. A safety zone will be established on all waters of green creek and smith creek that fall within a 300 yard radius of the fireworks launch site at 35-01'29.6N 076-42'-10.4"W located near the entrance of Neuse River in the vicinity of oriental, NC. This safety zone will be enforced from 7 pm to 1030pm. This is necessary to control vessel traffic for safety of life and property on navigable waters during the event. Vessel traffic will be restricted on this portion of the Neuse River. The fireworks will be launched from a shore site which will be marked with a sign labeled "DANGER, FIREWORKS, STAY AWAY" to provide on scene notice that the safety zone will be enforced. Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the coast guard captain of the port, or designated coast guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the Captain of the Port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed. Chart: 11552

NC – Independence Day Weekend Celebration – Fireworks Display - John Kerr Reservoir – Safety Zone

Mariners are advised that the "independence day weekend celebration" fireworks display will be held on **July 02, 2016** at 9:15 pm on John Kerr reservoir. The fireworks will be launched from a shore side location across from Satterwhite Point. All persons and vessels are advised to remain a safe distance from the launch site and to observe good seamanship during the event.

NC – Pamlico Sound – Ocracoke, NC - Safety Zone

Mariners are advised that the Hyde County fireworks display will be conducted on **July 3 2016**, from 9:00 p.m. to 09:30p.m. a safety zone will be established on all waters of the Pamlico Sound within a 500 yard radius of the fireworks launch site at the national park service boat launch. This safety zone will be enforced from 9:00 p.m. to 09:30 p.m. and is necessary to control vessel traffic for safety of life and property on navigable waters during the event. Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port, or designated Coast Guard Patrol Commander on scene. All persons and vessels shall comply with the instructions of the captain of the port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed. Chart 11550

NC – Pamlico River – Washington - Safety Zone

Mariners are advised that the City of Washington July 4th celebration fireworks display will be conducted on **July 4, 2016**, from 9:00 p.m. to 9:30 p.m. a safety zone will be established on all waters of the Pamlico River within a 300 yard radius of the fireworks launch site approximately 400 yards east of the us hwy 17 bridge. This safety zone will be enforced from 8:30 p.m. to 9:30 p.m. and is necessary to control vessel traffic during the event. Vessel traffic will be restricted on this portion of the Pamlico River. Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port, or designated Coast Guard patrol personnel on scene. Chart 11554

NC – City of Wilmington 4th of July Celebration - Safety Zone

Mariners are advised that the "City of Wilmington 4th of July celebration" fireworks display will be held on **July 4, 2016** at 7:00 pm to 10:00 pm. A safety zone will be in effect on all waters of the Cape Fear River within an area bound by a line drawn from the following points: latitude 34°13'54" n., longitude 077°57'06" w.; thence northeast to latitude 34°13'57" n., longitude 077°57'05" w.; thence north to latitude 34°14'11" n., longitude 077°57'07" w.; thence northwest to latitude 34°14'22" n., longitude 077°57'19"

w.; thence east to latitude 34°14'22" n., longitude 077°57'06" w.; thence southeast to latitude 34°14'07" n., longitude 077°57'00" w.; thence south to latitude 34°13'54" n., longitude 077°56'58" w.; thence to the point of origin, located approximately 500 yards north of cape fear memorial bridge. The fireworks will be launched from a barge will be marked with signs that 5will be labeled "DANGER, FIREWORKS, STAY AWAY". Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port, or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the Coast Guard Captain of the Port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed.

Chart 11537

NC – Corolla - Currituck Sound - Safety Zone

The "Currituck County Independence Day Celebration" fireworks display will be held on **July 4, 2016** at 8:00 pm to 9:30 pm. A safety zone will be in effect on all waters of Currituck Sound that fall within a 300 yard radius of latitude 36°22'23.8"N 075°49'546.3"W, a position located near Whale Head Bay, Corolla, NC. The fireworks will be launched from a shore site which will be marked by a sign. The sign will be labeled "DANGER, FIREWORKS, STAY AWAY". Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port, or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the Captain of the Port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed.

Chart 12204

Nc – Albemarle Sound – Pasquotank River – Elizabeth City - Safety Zone

The Elizabeth City 4th of July celebration fireworks display will be held on **July 4, 2016** from 9:10 p.m. until 9:45 p.m. a temporary safety zone will be established on all waters of the Pasquotank River within a 300 yard radius of the fireworks launch barge at 36°17'47"n 076°12'17" w, located near Machelle Island. This safety zone will be enforced from 8:30 p.m. to 10 p.m. and is necessary to control vessel traffic for safety of life and property on navigable waters during the event. Vessel traffic will be restricted on this portion of the Pasquotank River. The fireworks will be launched from a barge that will be marked on both sides by a sign labeled "DANGER, FIREWORKS, STAY AWAY". Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port, or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the Captain of the Port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed.

Chart 12206

North Carolina – Figure Eight Island – Atlantic Intracoastal Waterway – Fireworks Display - Safety Zone

The "Figure Eight Island July 4th celebration" fireworks display will be held on **July 4, 2016** at 9:30 pm. A safety zone will be established on all waters of the Figure Eight Island Causeway Channel within a 300 yard radius of the fireworks site in approximate position 34-16-19"n 077-45-32"w, approximately 600 yards southeast of the Figure Eight Island Swing Bridge. This safety zone will be enforced from 08:30 pm to ½ hour past the conclusion of the event. This is necessary to control vessel traffic for safety of life and property on navigable waters during the event. Vessel traffic will be restricted on the entire un-named channel north of the figure eight island causeway. The fireworks will be launched from shore, which will be marked by a sign labeled "DANGER, FIREWORKS, STAY AWAY", to provide on scene notice that the safety zone will be enforced. Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by Coast Guard Captain of the Port, or his or her designated representative on scene. All persons and vessels shall comply with the instructions of the Captain of the Port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed.

Chart 11541

NC – Shallowbay Bay – Manteo, NC - Safety Zone

The Manteo fireworks display will be conducted on **July 4th 2016**, from 9:30 p.m. to 10:00p.m. a safety zone will be established on all waters of the Shallowbag Bay within a 200 yard radius of the fireworks launch site at 35-54' 30"n/ 075-39'46"w (datum nad 1983), approximately 600 yards south of the Roanoke Island Festival Park. This safety zone will be enforced from 9:30 p.m. to 10:00 p.m. and is necessary to control vessel traffic for safety of life and property on navigable waters during the event. Vessel traffic will be restricted on this portion of Shallowbag Bay. The fireworks will be launched from a barge; the barge will be marked by a sign labeled "DANGER, FIREWORKS, STAY AWAY". Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port, or designated Coast Guard patrol commander on scene. All persons and vessels shall comply with the instructions of the Captain of the Port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed.

Chart 12205

North Carolina - Cape Fear River - Safety Zone

The "NC 4th of July festival" fireworks display will be held on **July 4, 2016** from 9 pm to 10 pm. A safety zone will be in effect on all waters of the cape fear river within a 600 yard radius of the fireworks launch barge in position 33-54' 40"n 078-01'-18"w, approximately 700 yards south of the water front at Southport, NC. The fireworks will be launched from a barge marked at both ends by a sign labeled "DANGER, FIREWORKS, STAY AWAY". Vessels may not enter, remain in, or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port or designated coast guard patrol personnel on scene. Mariners should exercise extreme caution when transiting the area. All persons and vessels shall comply with the instructions of the captain of the port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed.

Chart 11537

NC – Sugarloaf 4th of July - Morehead City State Port - Safety Zone

The “4th of July fireworks” display will be held on **July 04, 2016** 9:00 pm to 9:30 pm. A safety zone will be in effect on all waters of the Morehead city harbor channel that fall within a 360 yard radius of latitude 34°43'01" N, 076°42'51" W at the west end of Sugar loaf Island, NC. The fireworks will be launched from a shore site which will be marked by a sign. The sign will be labeled “DANGER, FIREWORKS, STAY AWAY”. Vessels may not enter, remain in or transit through the safety zone during the enforcement period unless authorized by the Coast Guard Captain of the Port, or designated Coast Guard patrol personnel on scene. All persons and vessels shall comply with the instructions of the captain of the port or the designated on-scene-patrol personnel, and upon being hailed by siren, radio, flashing light or other means, the operator of a vessel shall proceed as directed.

Chart 11547

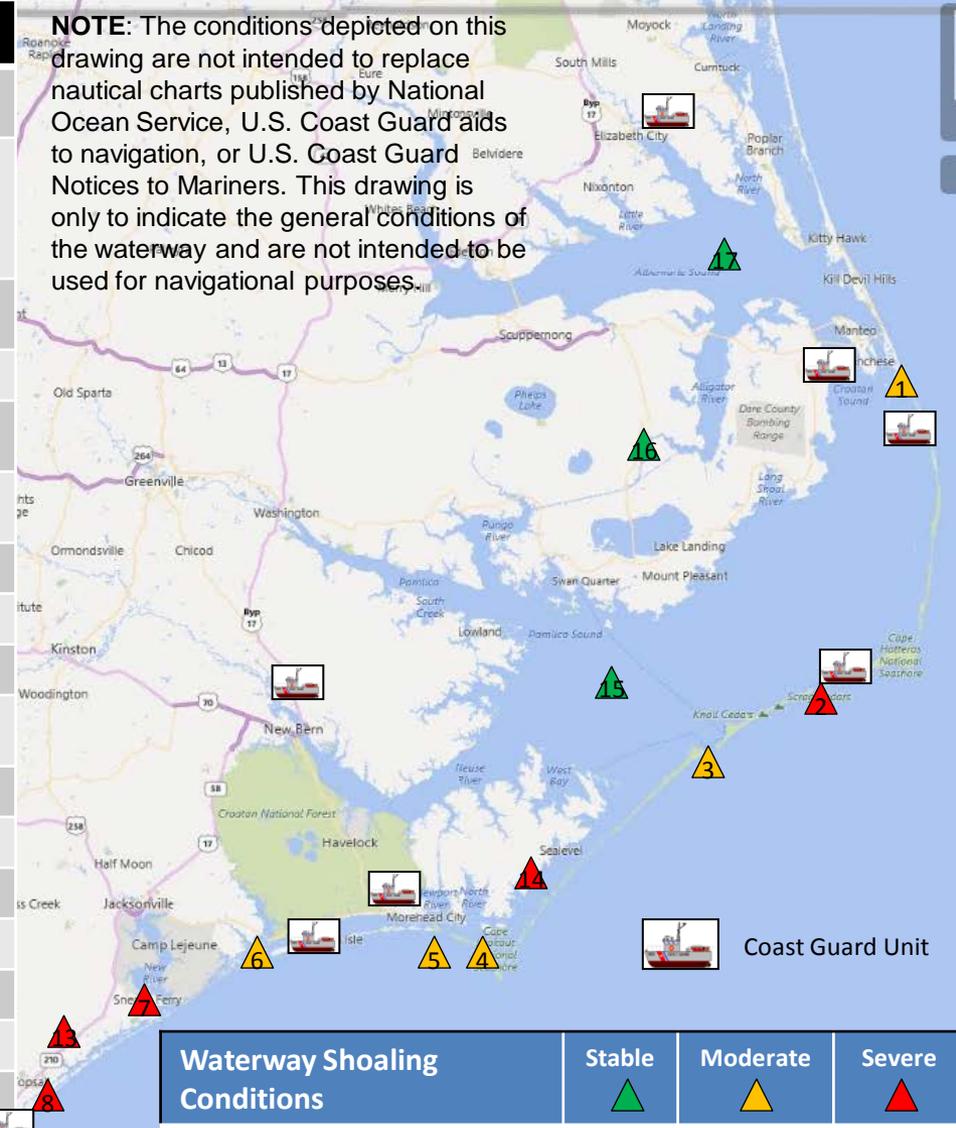
NC – CAROLINA YACHT CLUB SAILBOAT RACES

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

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

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



CG Sector North Carolina Waterways Conditions

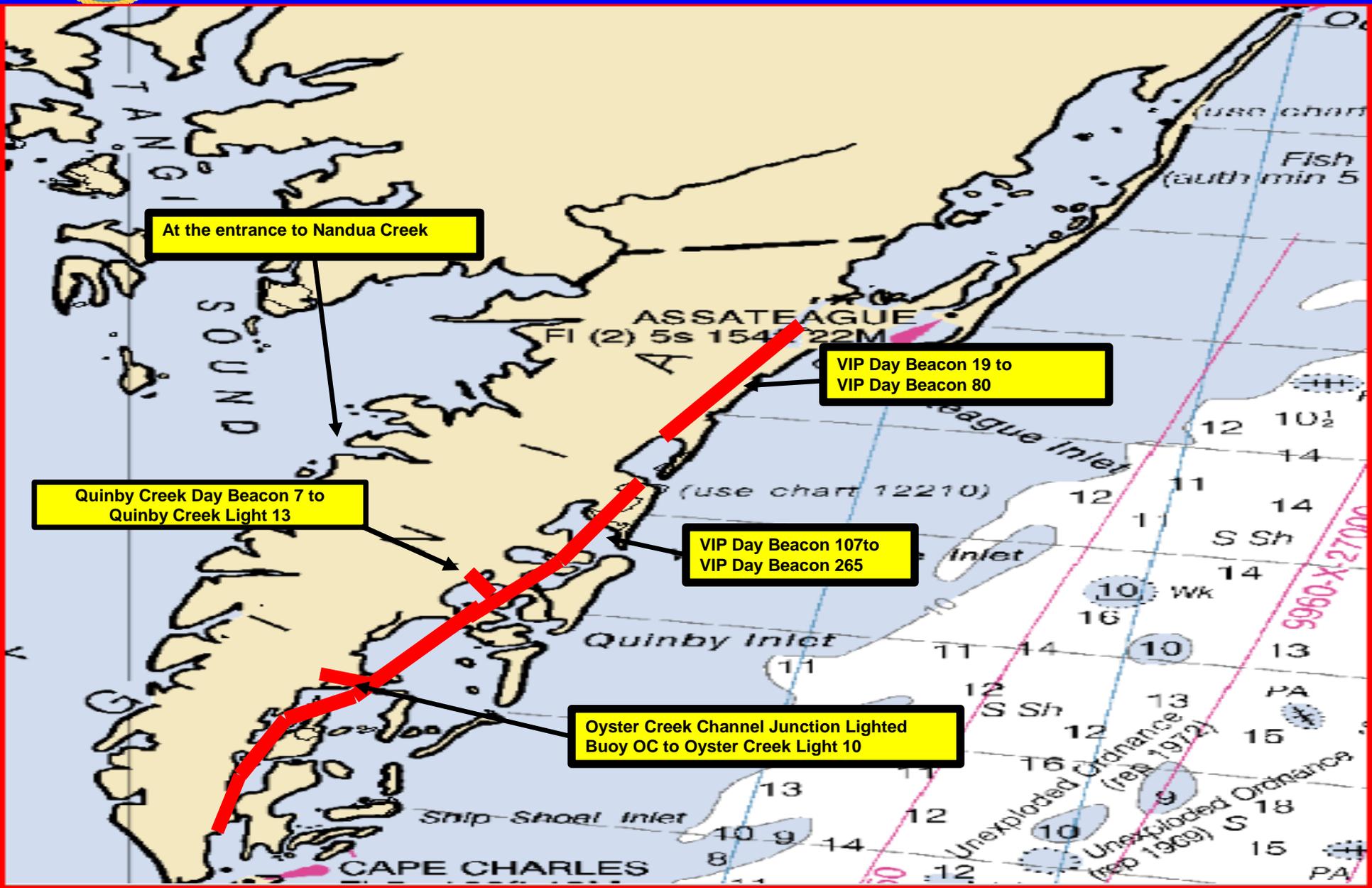


Mariners are encouraged to obtain the most recent U.S. Army Corps of Engineers Wilmington District hydrographic survey information, centerline waypoints & controlling depths at:

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



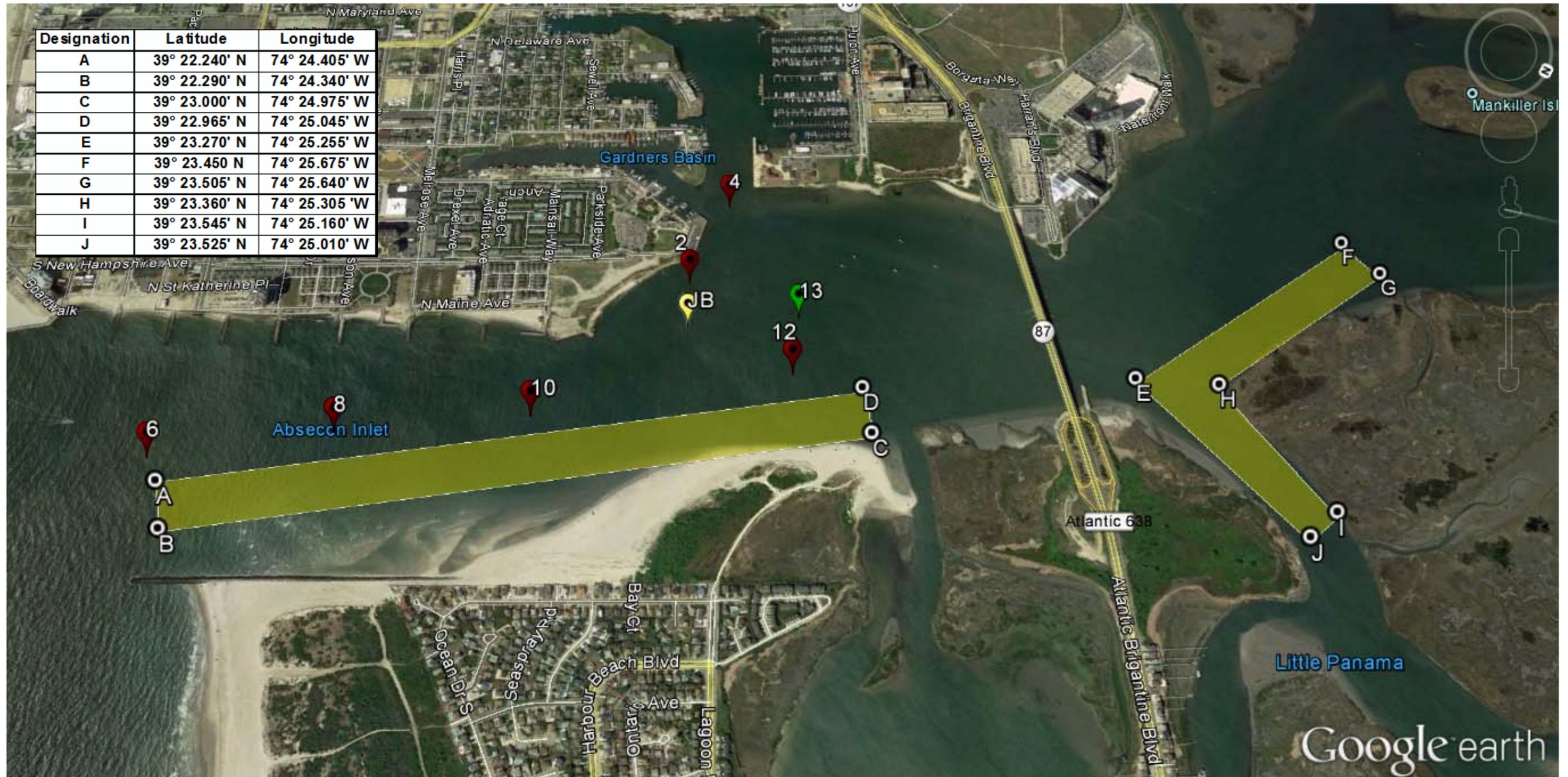
WWM VIP SHOALING



GLDD Absecon Inlet NTM Map

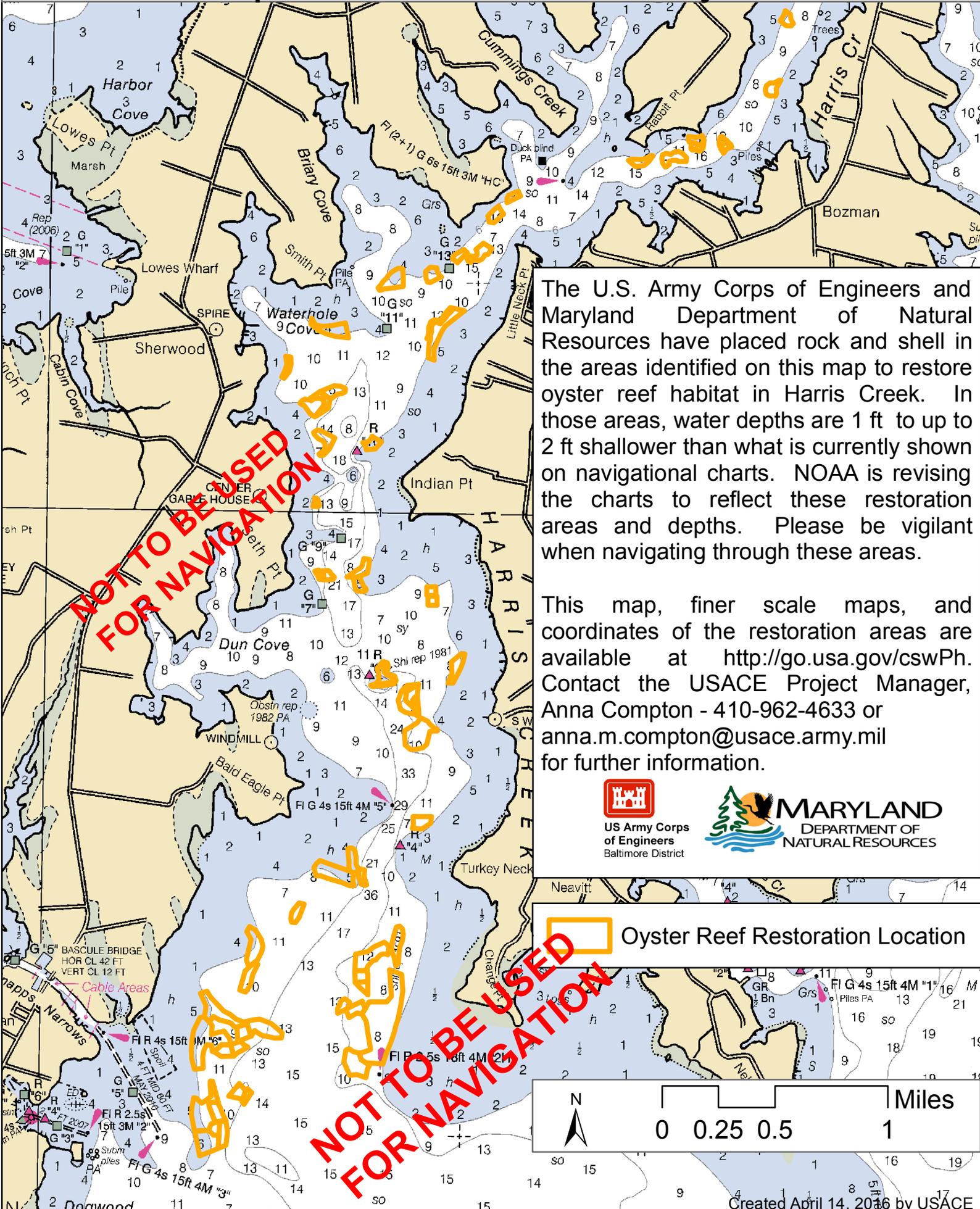
NOT TO BE USED FOR NAVIGATION

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



Harris Creek Oyster Restoration

Notice: water depths are shallower than currently shown on charts



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

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



 Oyster Reef Restoration Location

Created April 14, 2016 by USACE