



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 12/16

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 BALTIMORE 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
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
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.

NOAA PRODUCTION OF LITHOGRAPHIC CHARTS

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: 47/13

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

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.

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.

Charts: 12203 12205 12207 12221

LNM: 01/16

US - ATLANTIC SEACOAST - NORTH ATLANTIC RIGHT WHALES WARNING - ENDANGERED NORTH ATLANTIC RIGHT WHALES

Critically endangered right whales may be encountered in offshore and coastal waters. Right whales are slow moving and at risk of serious injury or death due to collisions with vessels. U.S. law (50 CFR 224.105) prohibits operating vessels 65 feet (19.8 m) or greater in excess of 10 knots in specific managed locations along the U.S. east coast during times when right whales are likely to be present. See enclosed compliance guide for specific times, areas, and exceptions to this law. Intentionally approaching within 500 yards of right whales is prohibited and is a violation of U.S. law. A minimum distance of 500 yards must be maintained from a sighted whale unless hazardous to the vessel or its occupants. The National Oceanic and Atmospheric Administration (NOAA) recommends that operators assume that any whale sighted is a right whale unless confirmed otherwise. NOAA also recommends speeds of 10 knots or less in areas used by right whales and outside of seasonally managed areas when consistent with safety of navigation. In the northeast, please report all right whale sightings, collisions, or entanglements to 866-755-6622 or to the Coast Guard via channel 16. WHALESNORTH Mandatory Ship Reporting Area is active year-round. For more information, consult the U.S. Coast Pilot. MSR arrival reports can be sent via TELEX number 48156090 or email to rightwhale.msr@noaa.gov.

LNM: 44/15

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.

2016 LIGHT LIST - THE 2016 LIGHT LIST IS NOW AVAILABLE

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. The last government printed Light Lists were the 2014 editions. While the Light Lists will no longer be available in government printed form, commercial reproductions may be

available for purchase from maritime service providers. Local Notices to Mariners will continue to advertise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

2016 Light Lists are available on the USCG Navigation Center's website at:

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

Complete versions of the 2016 Light Lists are updated weekly on the NAVCEN website and mariners should download applicable copies and updates as needed

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

A summary of 2016 Light List corrections are available at: <http://www.navcen.uscg.gov/?pageName=lightListCorrections>

Guidance for use of electronic navigation publications onboard U.S. vessels can be found at:

http://www.uscg.mil/hq/cgcvc/cvc/policy/policy_letters/543/CG-543_pol10-05.pdf

LNM: 02/16

U.S. COAST PILOT 3 – ATLANTIC COAST: SANDY HOOK, NJ TO CAPE HENRY, VA -NEW 2016 EDITION

PUBLICATION–National Oceanic Atmospheric Administration (NOAA)– U.S. Coast Pilot 3, Atlantic Coast:

Sandy Hook, NJ to Cape Henry, VA, 49th Edition, 2016, has been issued and is ready for free download and weekly updates at <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>.

Only Print-on-Demand (POD) bound copies are available for purchase; see <http://www.nauticalcharts.noaa.gov/staff/charts.htm#POD>.

The 2016 Edition cancels the preceding 2015 Edition, and incorporates all previous corrections.

LNM: 04/16

USCG NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS) NETWORK TESTING

On August 10, 2015, the U.S. Coast Guard will begin AIS Application Specific Message (AIS-ASM) testing. The test transmissions will occur between 0001-2359Z, 7 days/week. The test messages can be identified by their Maritime Mobile Service (MMSI) number: 300669139 or 00366613 and by the words "USCG TEST" within the contents of the message. Mariners are requested to contact the USCG Navigation Center at 1-703-313-5900 or TIS-PF-NISWS@uscg.mil with any questions, comments, or to report any safety and/or operational impacts caused by this testing.

Application Specific Messages to be tested include: messages 6, 8, 25, and 26, DAC=367, FI's=22, 29, 33, 35; AIS Safety Related Text (SRM) messages: 8 (DAC=001, FI=0) and 14. The messages will be of various lengths, using repetitions of the text "USCG TEST". For further information on AIS messages, DACs, and FI's visit <http://www.navcen.uscg.gov/?pageName=AISMessages>.

LNM: 31/15

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) - 96, 97, 98, 100, 104, 105, 108, 109, 110, 111, 112, 113, 114, 116, 118, 120, 121, 122, 123, 124-16.

Sector Delaware Bay (DB) -114, 113, 112, 110, 107-16.

Sector Baltimore (BA) - 144, 143, 142, 141, 138, 135, 134, 133,126, 125, 123, 122, 119, 113-16.

Sector Hampton Roads (HR) - 076, 075, 074, 073, 072, 063, 061, 059, 033-16.

Sector North Carolina (NC) - 010, 027, 079, 105, 110, 111, 113, 119, 120, 126, 127, 128, 130, 131, 132, 134, 136, 138, 139, 141-16.

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
25	Barnegat Inlet Outer Lighted Whistle Buoy BI	DAYMK DMGD	12323	051DB	05/16	
60	Absecon Inlet Lighted Buoy 1	MISSING	12316	023DB	01/16	
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	
875	Barnegat Inlet Outer Lighted Whistle Buoy BI	DAYMK DMGD	12323	051DB	05/16	
925	Barnegat Inlet Lighted Buoy 4	MISSING	12324	362DB	26/15	

1117	Little Egg Inlet Buoy 4A	MISSING	12316	110DB	11/16
1170	Absecon Inlet Lighted Buoy 1	MISSING	12316	023DB	01/16
1175	Absecon Inlet Lighted Buoy 2	MISSING	12316	023DB	04/16
2050	Harbor Of Refuge North End Light 1	STRUCT DMGD	12216	024DB	04/16
2055	Delaware Bay East Icebreaker Light 2	STRUCT DEST	12216	060DB	04/16
2490	Baker Range Light 2B	DAYMK MISSING/STRUCT DMGD	12311	615DB	46/15
2505	Baker Range Front Light	REDUCED INT	12311	483D5	37/15
2510	Baker Range Rear Light	LT EXT	12311	164DB	08/14
4150	Kinkora Upper Range Rear Light	LT EXT	12314	616DB	47/15
4250	Upper Delaware River Channel Lighted Buoy 89	OFF STA	12314	042DB	05/16
4270	Upper Delaware River Channel Lighted Buoy 91	OFF STA	12314	043DB	05/16
4785	Isle of Wight Bay Warning Buoy C	OFF STA	12211	121BA	08/15
4870	Isle of Wight Bay Light 13	STRUCT DEST/TRLB	12211	080BA	08/16
4870	Isle of Wight Bay Light 13	TRLB/STRUCT DEST	12211	121BA	09/15
4871	Isle Of Wight Bay Light 14	STRUCT DEST/TRLB	12211	081BA	09/15
5010	Sinepuxent Bay Channel Light 4	STRUCT DEST/TRLB	12211	491BA	08/15
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
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	062HR	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	TRUB/STRUCT DEST	12211	220HR	10/15
5445	Chincoteague Bay Channel Light 12	TRLB/STRUCT DMGD	12211	221HR	11/15
5450	Chincoteague Bay Channel Daybeacon 14	TRUB/STRUCT DEST	12211	222HR	11/15
5455	Greenbackville Light 1	STRUCT DEST/TRLB	12211	522HR	41/15
5477	Chincoteague Bay Daybeacon 16A	TRUB/STRUCT DEST	12211	223HR	11/15
5485	Chincoteague Bay Daybeacon 19	TRLB/STRUCT DEST	12211	192BA	13/15
5487	Chincoteague Bay Daybeacon 20	MISSING/TRLB	12211	258HR	16/15
5490	Chincoteague Bay Light 21	TRLB/STRUCT DEST	12211	191BA	13/15
5495	Chincoteague Bay Daybeacon 23	TRUB/STRUCT DEST	12211	190BA	13/15
5505	Chincoteague Bay Daybeacon 26	TRUB/STRUCT DEST	12211	189BA	13/15
5510	Chincoteague Bay Light 28	TRUB/STRUCT DEST	12211	188BA	13/15
5610	Virginia Inside Passage Lighted Buoy 7	MISSING	12210	073HR	08/14
5625	Virginia Inside Passage Daybeacon 13	BUOY DMGD/TRUB	12210	014HR	02/16
5755	Virginia Inside Passage Daybeacon 49	STRUCT DEST	12210	306HR	20/15
5767	Virginia Inside Passage Daybeacon 52	DAYMK MISSING	12210	242HR	26/14
5772	Virginia Inside Passage Buoy 55	MISSING	12210	111HR	12/13
5773	Virginia Inside Passage Buoy 55A	MISSING	12210	386HR	41/12
5776	Virginia Inside Passage Buoy 57	MISSING	12210	241HR	26/14
5777	Virginia Inside Passage Buoy 59	MISSING	12210	387HR	41/12

5820	Virginia Inside Passage Warning Daybeacon B	DAYMK MISSING	12210	470HR	50/12
5850	Virginia Inside Passage Light 80	LT EXT/DAYMK MISSING	12210	284HR	18/15
5870	Virginia Inside Passage Daybeacon 82	STRUCT DEST	12210	285HR	18/15
5875	Virginia Inside Passage Daybeacon 84	DAYMK MISSING	12210	286HR	18/15
5885	Virginia Inside Passage Light 87	STRUCT DEST	12210	264HR	17/15
5930	Virginia Inside Passage Daybeacon 102	DAYMK MISSING	12210	265HR	17/15
5935	Virginia Inside Passage Daybeacon 103	STRUCT DEST/DAYMK MISSING	12210	266HR	17/15
5940	Virginia Inside Passage Daybeacon 105	STRUCT DEST	12210	267HR	17/15
5945	Virginia Inside Passage Daybeacon 106	STRUCT DEST	12210	261HR	17/15
5955	Virginia Inside Passage Buoy 110	MISSING	12210	425HR	45/12
6115	Virginia Inside Passage Daybeacon 153	DAYMK MISSING	12210	056HR	07/15
6137	Virginia Inside Passage Daybeacon 157B	DAYMK MISSING	12210	057HR	07/15
6139	Virginia Inside Passage Buoy 158A	OFF STA	12210	354HR	35/13
6145	Virginia Inside Passage Light 160	DAYMK MISSING	12210	058HR	07/15
6160	Virginia Inside Passage Daybeacon 163	STRUCT DEST	12210	226HR	14/15
6170	Virginia Inside Passage Daybeacon 165	DAYMK MISSING	12210	059HR	07/15
6180	Virginia Inside Passage Light 169	STRUCT DMGD	12210	060HR	07/15
6210	Virginia Inside Passage Light 180	STRUCT DMGD	12210	384HR	36/11
6245	Virginia Inside Passage Light 191	DAYMK DMGD	12224	014HR	02/16
6260	Virginia Inside Passage Buoy 194	MISSING	12210	215HR	23/13
6275	Virginia Inside Passage Buoy 198	MISSING	12224	014HR	02/16
6280	Virginia Inside Passage Daybeacon 199	DAYMK MISSING	12224	014HR	02/16
6285	Virginia Inside Passage Daybeacon 199A	STRUCT DEST	12224	014HR	02/16
6320	Virginia Inside Passage Daybeacon 206	DAYMK MISSING	12221	014HR	02/16
6343	Virginia Inside Passage Daybeacon 211	STRUCT DEST	12224	014HR	02/16
6348	Virginia Inside Passage Daybeacon 213	MISSING	12224	014HR	02/16
6355	Virginia Inside Passage Light 215	LT EXT/DAYMK MISSING	12224	014HR	32/13
6375	Virginia Inside Passage Daybeacon 218	DAYMK MISSING	12224	014HR	02/16
6385	Virginia Inside Passage Daybeacon 219	STRUCT DEST	12224	014HR	02/16
6390	Virginia Inside Passage Daybeacon 221	DAYMK MISSING	12224	014HR	02/16
6415	Virginia Inside Passage Daybeacon 225	DAYMK MISSING	12224	014HR	02/16
6440	Virginia Inside Passage Light 232	DAYMK MISSING	12224	014HR	02/16
6485	Virginia Inside Passage Daybeacon 244	TRLB/STRUCT DEST	12224	339HR	44/12
6495	Virginia Inside Passage Daybeacon 245A	MISSING/TRUB	12224	420HR	22/15
6570	Virginia Inside Passage Buoy 263	MISSING	12224	338HR	22/15
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
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
7400	Chesapeake Channel Lighted Buoy 56	MISSING	12225	056HR	10/16
7440	Chesapeake Channel Lighted Buoy 62	RAC INOP	12225	423HR	29/15
7450	USN Aerial Gunnery Area Warning Daybeacon A	STRUCT DEST/HAZ NAV/TRLB	12228	500BA	45/15
9190	Back Creek Channel Light 30	LT IMCH	12277	143BA	12/16

11995	Jamestown Island Daybeacon 2	STRUCT DEST	12248	208HR	13/15
12240	Dancing Point Shoal Channel Range Rear Light	LT EXT	12251	075HR	12/16
13290	White House Cove Daybeacon 1	DAYMK MISSING	12238	073HR	11/16
13555	York River West Range Rear Light	LT IMCH	12238	493HR	49/14
13925	Upper York River Channel Light 13	LT EXT	12243	346HR	23/15
15395	Morattico Creek Daybeacon 2	STRUCT DMGD	12237	177HR	11/15
17260	Wicomico River Warning Daybeacon	DAYMK MISSING	12286	323BA	24/15
18345	Upper Potomac River Channel Lighted Buoy 59	LT EXT	12289	535BA	52/15
18510	Upper Potomac River Channel Lighted Buoy 77	OFF STA	12289	045BA	05/16
18600	Upper Potomac River Channel Lighted Buoy 90	LT EXT	12289	107BA	10/16
18620	Alexandria Channel Lighted Buoy 6	OFF STA	12289	044BA	05/16
19700	Naval Anchorage Light A	DAYMK DMGD	12283	119BA	11/16
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	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
21805	Nandua Creek Channel Daybeacon 13	STRUCT DMGD	12226	199HR	12/15
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
23673	Clay Island Shoal Lighted Wreck Buoy WR1	OFF STA	12231	141BA	12/16
24725	Hudson Creek Daybeacon 3	STRUCT DEST/HAZ NAV/TRUB	12266	133BA	11/16
25535	Broad Creek Shoal Buoy 2	OFF STA	12266	142BA	12/16
27205	Gunpowder River Light 9	LT EXT	12274	111BA	10/16
28410	Roanoke Sound Channel Daybeacon 12	TRLB/STRUCT DEST	12204	293NC	21/15
28715	South Ferry Terminal Light 7	STRUCT DEST	11555	113NC	09/16
28775	Hatteras Inlet Channel Daybeacon 23	TRUB/STRUCT DEST	11555	435NC	30/15
28815	Rollinson Channel Light 30	STRUCT DEST/TRLB	11555	495NC	37/15
28830	Rollinson Channel Light 34	STRUCT DEST/TRLB	11555	647NC	50/15
28870	Austin Creek Entrance Channel Light 1	STRUCT DEST/TRLB	11555	652NC	50/15
28875	Austin Creek Light 2	STRUCT DEST/TRLB	11555	612NC	46/15
29300	Harkers Island East Channel Light 10	TRLB/STRUCT DEST	11545	222NC	16/13
29380	Beaufort Inlet Channel Lighted Gong Buoy 15	SINKING	11547	127NC	11/16
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
29945	New River Channel Daybeacon 53	TRUB/STRUCT DEST	11542	329NC	24/15
30115	Banks Channel Daybeacon 15	STRUCT DEST/TRUB	11541	063NC	07/16
30200	Wrightsville Channel Junction Daybeacon WC	TRUB/STRUCT DEST	11541	198NC	14/15
30270	Carolina Beach Inlet Buoy 2	OFF STA	11534	529NC	41/15
30270	Carolina Beach Inlet Buoy 2	OFF STA	11534	630NC	49/15
30480	Cape Fear River Channel Lighted Buoy 20	OFF STA	11534	NONENC	10/16
30491	Federal Point Range Front Light	STRUCT DEST	11534	436NC	32/15
31170	Whale Head Bay Light 1	TRLB/STRUCT DEST	12204	263NC	18/15

31976	Roanoke Marshes Warning Daybeacon	STRUCT DEST	12204	467NC	35/15
32110	Far Creek Channel Daybeacon 3	STRUCT DEST/TRUB	11555	078NC	08/16
32825	Oyster Creek Lighted Buoy 4	OFF STA	11545	074NC	08/16
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
33570	Long Bay Light 4	DAYMK MISSING	11544	100NC	09/16
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
34650	Core Sound Light 42A	DAYMK MISSING	11545	138NC	12/16
34835	Beaufort Harbor Channel Daybeacon 7	STRUCT DEST/TRUB	11541	062NC	07/16
34880	Town Creek Channel Daybeacon 1	STRUCT DEST/TRUB	11547	128NC	11/16
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
37380	Great Bridge to Albemarle Sound Light 38	STRUCT DEST/TRLB	12206	072HR	11/16
37905	Alligator River Daybeacon 30	STRUCT DEST/TRUB	11553	093NC	09/16
38430	Core Creek Daybeacon 28	STRUCT DEST/TRUB	11541	012NC	02/16
38440	Russell Slough Junction Light RS	OFF STA/STRUCT DEST/TRLB	11541	021NC	03/16
38440	Russell Slough Junction Light RS	STRUCT DEST/TRLB	11541	129NC	12/16
38760	Bogue Sound Daybeacon 3A	STRUCT DEST	11547	141NC	12/16
38825	Peletier Creek Entrance Channel Daybeacon 2	TRUB/STRUCT DEST	11541	502NC	38/15
39290	Bogue Sound - New River Daybeacon 70	STRUCT DEST/TRUB	11541	119NC	11/16
39610	New River - Cape Fear River Daybeacon 124	STRUCT DEST/TRLB	11541	132NC	12/16
39865	New River - Cape Fear River Daybeacon 172	STRUCT DEST/TRUB	11534	035NC	04/16
39966	Federal Point Range Front Light	STRUCT DEST	11534	436NC	32/15
40015	Cape Fear River Channel Lighted Buoy 20	OFF STA	11534	NONENC	10/16

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
450	Chesapeake Bay Southern Approach Lighted Buoy 8	RELIGHTED	12200	052HR	08/16	12/16
530	Dam Neck Firing Zone Lighted Buoy A	RELIGHTED	12208	NONEHR	12/16	12/16
3820	Enterprise Lower Range Front Light	RELIGHTED	12314	NONEDB	12/16	12/16
8485	Upper Chesapeake Channel Lighted Buoy 19	RELIGHTED	12272	137BA	12/16	12/16
8700	Pooles Island North Range Rear Light	RELIGHTED	12274	136BA	11/16	12/16
8875	Upper Chesapeake Channel Lighted Buoy 46	RELIGHTED	12274	140BA	12/16	12/16
9085	Elk River Channel Lighted Buoy 22	WATCHING PROPERLY	12277	132BA	11/16	12/16
13497	York River East Range Rear Light	RELIGHTED	12241	298HR	19/15	12/16
17905	Upper Potomac River Channel Lighted Buoy 21	RELIGHTED	12288	001BA	02/16	12/16
18335	Upper Potomac River Channel Buoy 57	RESET ON STATION	12289	103BA	09/16	12/16
19900	Eastport Harbor Daybeacon 7	REBUILT/RECOVERED	12283	533BA	50/15	12/16
25190	Choptank River Channel Daybeacon 43	REBUILT/RECOVERED	12268	051BA	07/16	12/16
25933	Knapps Narrows West Channel Buoy 5	RESET ON STATION	12266	NONEBA	10/16	12/16
26890	Rock Hall Harbor Entrance Buoy 1	DISCONTINUED	12272	122D5	11/16	12/16
30020	New Topsail Inlet Buoy 7	RELOCATED	11541	123D5	07/16	12/16
30025	New Topsail Inlet Buoy 8	RELOCATED	11541	123D5	02/16	12/16
30190	Shinn Creek Light 1	RELIGHTED	11541	133NC	12/16	12/16
39547	New River - Cape Fear River Buoy 99	WATCHING PROPERLY	11541	NONENC	51/15	20/16

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	
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	
3153	Marcus Hook Lighted Research Buoy C	MISSING	12312	010DB	03/16	
4346	Upper Delaware River Pipeline Outfall Buoy	MISSING	12314	129DB	18/12	
4875	Thorofare Channel Buoy 3	SINKING	12211	029DB	05/16	
4900	Thorofare Channel Buoy 10	OFF STA	12211	121BA	09/15	
4925	Ocean Pines Yacht Club Light 2	LT EXT	12211	398BA	29/15	
4991.16	Little Assawoman Bay Daybeacon 15	DAYMK MISSING	12211	491HR	38/15	
4991.22	Little Assawoman Bay Daybeacon 21	STRUCT DMGD	12214	490HR	38/15	
5165	Chincoteague Bay State Boundary Line Buoy B	DAYMK IMCH	12211	528HR	46/12	
5165	Chincoteague Bay State Boundary Line Buoy B	OFF STA	12211	024HR	04/14	
5175	Chincoteague Bay State Boundary Line Buoy D	DAYMK IMCH	12211	429HR	46/12	
5180	Chincoteague Bay State Boundary Line Buoy E	DAYMK IMCH	12211	430HR	46/12	
5185	Chincoteague Bay State Boundary Line Buoy F	MISSING	12211	431HR	46/12	
5190	Chincoteague Bay State Boundary Line Buoy G	DAYMK IMCH	12211	432HR	46/12	
5265	George Island Channel Daybeacon 8	DAYMK IMCH	12211	346HR	38/12	
5453	Coards Marsh Sanctuary Daybeacon A	STRUCT DEST	12211	433HR	46/12	
5453.1	Coards Marsh Sanctuary Daybeacon B	STRUCT DEST	12211	434HR	46/12	
5453.2	Coards Marsh Sanctuary Daybeacon C	STRUCT DEST	12211	435HR	46/12	
5457	Greenbackville Sanctuary Daybeacon A	STRUCT DEST	12211	476HR	43/11	
5457.1	Greenbackville Sanctuary Daybeacon B	DAYMK MISSING	12211	477HR	43/11	
7669	UMCES Lighted Data Buoy JI	MISSING	12264	439BA	36/14	
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	
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	
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	
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
17845	Nanjemoy Creek Buoy 5	OFF STA	12288	497BA	45/15
18014	Aquia Creek Daybeacon 31	DAYMK IMCH	12288	422BA	34/14
18014.1	Aquia Creek Daybeacon 32	DAYMK DMGD	12288	NONEBA	34/14
18014.2	Aquia Creek Daybeacon 33	DAYMK IMCH	12288	423BA	34/14
18014.3	Aquia Creek Daybeacon 34	DAYMK DMGD	12288	424BA	34/14
18075	Possum Point Pier Light	LT EXT	12288	448BA	37/15
18170	Leesylvania Park Light 2	LT EXT	12288	449BA	37/15
18601.01	National Harbor Channel Light 3	DAYMK MISSING	12289	144BA	12/16
18793.1	Tanner Creek Warning Daybeacon A	DAYMK MISSING	12233	179BA	23/13
18793.2	Tanner Creek Daybeacon 1	DAYMK MISSING	12233	178BA	23/13
18980	Mill Creek (Patuxent River) Buoy 11	OFF STA	12284	040BA	05/16
19152	Academy Of Natural Science Intake Light B	STRUCT DEST/HAZ NAV	12264	121BA	08/15
19612	South River Warning Buoy A	MISSING	12270	039BA	06/13
19613	South River Warning Buoy B	MISSING	12270	040BA	06/13
20063	Severn River - Mill Creek Buoy 11	SINKING	12283	238BA	16/15
20210	Forked Creek Daybeacon 2	DAYMK MISSING	12282	240BA	18/14
21175	Fairfield Channel Buoy 2	MISSING	12281	036BA	08/12
21180	Fairfield Channel Buoy 4	MISSING	12281	037BA	08/12
21180	Fairfield Channel Buoy 4	OFF STA	12281	286BA	37/12
21185	Fairfield Channel Buoy 6	MISSING	12281	233BA	17/07
21362	North Locust Point Marine Terminal Pier 7 Warning Buoy A	MISSING	12281	569BA	01/15
22095	Onancock Creek -South Branch Buoy 1	OFF STA	12228	292BA	30/08
22430	Pocomoke Sound State Boundary Line Daybeacon H	TRUB/STRUCT DEST	12228	165BA	13/15
22440	Pocomoke Sound State Boundary Line Daybeacon K	TRUB/STRUCT DEST	12228	NONEBA	31/15
22985	Ward Creek Warning Daybeacon A	MISSING	12231	503BA	31/05
23315	Jones Creek Daybeacon 4	DAYMK MISSING	12231	402BA	44/08
23340	Jones Creek Daybeacon 12	DAYMK DMGD	12231	620BA	45/11
23670	Dorchester/Somerset County Line Marker DD	TRUB/STRUCT DEST	12231	166BA	13/15
23715	Dames Quarter Creek Channel Daybeacon 4	OFF STA/TRUB	12261	242BA	24/07
25010	Cambridge Municipal Yacht Basin Light 1	MISSING	12266	316BA	40/12
25015	Cambridge Municipal Yacht Basin Light 2	MISSING	12266	317BA	40/12
25020	Cambridge Channel Range Front Light	LT EXT	12268	420BA	46/08
25025	Cambridge Channel Range Rear Light	LT EXT/DAYMK DMGD	12268	418BA	46/08
25330	Pier Street Marina Daybeacon 1	STRUCT DEST/HAZ NAV	12266	157BA	20/13
25335	Pier Street Marina Daybeacon 2	STRUCT DEST/HAZ NAV	12266	168BA	21/13
25760	Upper Edge Creek Daybeacon 5	STRUCT DEST/HAZ NAV	12266	011BA	02/15
26030	Claiborne Channel Warning Daybeacon	STRUCT DEST	12270	NONEBA	08/16
26036	Claiborne Channel Buoy 5	MISSING	12266	NONEBA	08/16
26038	Clairborne Channel Buoy 6	MISSING	12270	093BA	08/16
26039	Clairborne Channel Warning Buoy A	MISSING	12270	094BA	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
30915	Wilmington Marine Center Daybeacon 9	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 Daybaecon 4	STRUCT DEST	12316	556DB	41/15
	Asquith Creek Daybeacon 6	DAYMK IMCH	12282	520BA	45/14
	Back River Buoy 6	BUOY DMGD		263BA	33/13
	Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
	Cherrystone Artifical Reef Buoys	MISSING	12221	NONED5	24/05
	Cox Creek Channel Buoy 6 (Patapsco)	ADRIFT	12278	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
	Indian River Bay Shellfish Excl. Buoy	MISSING	12216	NONEAC	08/12
	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 Artifical Reef Buoy	MISSING	12210	0071ES	21/05

Shark River Light 5	LT EXT	395DB	28/15
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
None						

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
760	Camp Lejeune Danger Zone Lighted Buoy E	DISCONTINUED	11543	077D5	09/16	
802	NOAA Lighted Data Buoy 41036 (ODAS)	DISCONTINUED	11520	008D5	02/15	
1540	Delaware Bay Main Channel Lighted Buoy 10	RELOCATED FOR DREDGING	12214	140D5	12/15	
1550	Delaware Bay Main Channel Lighted Buoy 12	RELOCATED FOR DREDGING	12214	140D5	12/15	
1565	Delaware Bay Main Channel Lighted Buoy 14	RELOCATED FOR DREDGING	12214	140D5	12/15	
1570	Delaware Bay Main Channel Lighted Buoy 16	RELOCATED FOR DREDGING	12304	140D5	12/15	
1590	Delaware Bay Main Channel Lighted Buoy 25	RELOCATED FOR DREDGING	12304	140D5	12/15	
3150	Marcus Hook Range Lighted Buoy 1M	RELOCATED FOR DREDGING	12312	009D5	03/16	
3215	Chester Range Lighted Gong Buoy 1C	RELOCATED FOR DREDGING	12312	009D5	03/16	
3260	Eddystone Range Lighted Buoy 1E	RELOCATED FOR DREDGING	12312	009D5	03/16	
3295	Tinicum Island Spit Buoy TS	RELOCATED FOR DREDGING	12312	009D5	03/16	
3680	Upper Delaware River Channel Lighted Buoy 8	RELOCATED FOR DREDGING	12314	392D5	32/15	
3735	Upper Delaware River Channel Lighted Buoy 15	RELOCATED FOR DREDGING	12314	573D5	48/15	
3860	Upper Delaware River Channel Lighted Buoy 30	RELOCATED FOR DREDGING	12314	573D5	48/15	
3925	Upper Delaware River Channel Buoy 39	RELOCATED FOR DREDGING	12314	573D5	48/15	
3930	Upper Delaware River Channel Lighted Buoy 40	RELOCATED FOR DREDGING	12314	573D5	48/15	
6348	Virginia Inside Passage Daybeacon 213	TRUB	12224	NONED5	02/14	

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
19697	NOAA Lighted Data Buoy AN	DISCONTINUED	12283	604D5	50/15
21510	Mud Creek Channel Daybeacon 1	DISCONTINUED FOR DREDGING	12224	271HR	17/15
21515	Mud Creek Channel Daybeacon 2	TRUB	12224	221D5	18/15
23510	Lower Thorofare Channel Light 6	TRDBN	12231	096D5	11/16
26890	Rock Hall Harbor Entrance Buoy 1	DISCONTINUED	12272	122D5	12/16
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
28699.1	South Ferry Terminal Lighted Buoy 1SF	DISCONTINUED	11555	437D5	36/15
28700	South Ferry Terminal Buoy 2SF	DISCONTINUED	11555	437D5	36/15
28701	South Ferry Terminal Buoy 3SF	DISCONTINUED	11555	437D5	37/15
28703	South Ferry Terminal Lighted Buoy 4SF	DISCONTINUED	11555	437D5	36/15
28705	South Ferry Terminal Lighted Buoy 5SF	DISCONTINUED	11555	437D5	36/15
28707	South Ferry Terminal Buoy 6SF	DISCONTINUED	11555	437D5	36/15
28717	South Ferry Terminal Lighted Buoy 8SF	DISCONTINUED	11555	437D5	36/15
28719	South Ferry Terminal Lighted Buoy 10SF	DISCONTINUED	11555	437D5	36/15
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
29190	Barden Inlet Buoy 10	RELOCATED	11545	094D5	10/16

29388	Beaufort Inlet Channel Lighted Buoy 16A	DISCONTINUED FOR DREDGING	11547	372D5	30/15
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
30020	New Topsail Inlet Buoy 7	RELOCATED DUE TO SHOALING	11541	123D5	12/16
30025	New Topsail Inlet Buoy 8	RELOCATED DUE TO SHOALING	11541	123D5	12/16
30355	Cape Fear River Entrance Channel Lighted Buoy 9	RELOCATED FOR DREDGING	11534	022D5	03/15
30360	Cape Fear River Entrance Channel Lighted Buoy 10	RELOCATED FOR DREDGING	11534	022D5	03/15
30370	Cape Fear River Entrance Channel Lighted Buoy 11	RELOCATED FOR DREDGING	11534	022D5	03/15
30373	Cape Fear River Entrance Channel Lighted Buoy 13	RELOCATED FOR DREDGING	11534	022D5	03/15
35995	New Jersey Intracoastal Waterway Daybeacon 258	TRUB	12316	227DB	15/15
38825	Peletier Creek Entrance Channel Daybeacon 2	TRUB	11541	493D5	39/15
39630	New River - Cape Fear River Buoy 129	RELOCATED DUE TO SHOALING	11541	124D5	12/16

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
7050	Chesapeake Channel Lighted Buoy 4	Reestablished	12222	120D5	12/16	12/16
20485	Pennwood Channel Buoy 14	LWP	12278	108D5	11/16	12/16
21975	Parkers Creek Daybeacon 1P	LWP	12228	110D5	11/16	12/16

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

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

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

11543	25th Ed.	01-APR-15	Last LNM: 10/16	NAD 83		12/16
<i>Chart Title: Cape Lookout to New River</i>						
Main Panel 507 CAPE LOOKOUT TO NEW RIVER. Page/Side: A						
RELOCATE	Cape Lookout Breakwater Lighted Buoy 2				CGD05 from 34-37-07.590N to 34-37-06.921N	076-33-44.527W 076-33-45.916W
11544	41st Ed.	01-DEC-13	Last LNM: 10/16	NAD 83		12/16
<i>Chart Title: Portsmouth Island to Beaufort, Including Cape Lookout Shoals</i>						
Main Panel 508 PORTSMOUTH ISL TO BEAUFORT INCL CAPE LOOKOUT SHOALS. Page/Side: N/A						
RELOCATE	Cape Lookout Breakwater Lighted Buoy 2				CGD05 from 34-37-07.590N to 34-37-06.921N	076-33-44.527W 076-33-45.916W
11545	66th Ed.	01-JUN-15	Last LNM: 11/16	NAD 83		12/16
<i>Chart Title: Beaufort Inlet and Part of Core Sound; Lookout Bight</i>						
CHART NC- BEAUFORT INLET AND PART OF CORE SOUND. Page/Side: N/A						
RELOCATE	Cape Lookout Breakwater Lighted Buoy 2				CGD05 from 34-37-07.590N to 34-37-06.921N	076-33-44.527W 076-33-45.916W
CHANGE	Core Sound Light 58 to Fl R 2.5s, 15FT, 4M at				CGD05 at 34-42-07.963N	076-36-45.548W
11550	31st Ed.	01-JUL-15	Last LNM: 11/16	NAD 83		12/16
<i>Chart Title: Ocracoke Inlet and Part of Core Sound</i>						
Main Panel 514 OCRACOKE INLET & PART OF CORE SOUND. Page/Side: A						
RELOCATE	Cape Lookout Breakwater Lighted Buoy 2				CGD05 from 34-37-07.590N to 34-37-06.921N	076-33-44.527W 076-33-45.916W
12211	46th Ed.	01-MAR-16	Last LNM: 10/16	NAD 83		12/16
<i>Chart Title: Fenwick Island to Chincoteague Inlet; Ocean City Inlet</i>						
CHART DE-MD-VA-FENWICK ISLAND TO CHINCOTEAGUE INLET. Page/Side: N/A						
DELETE	Isle of Wight Bay Lighted Wreck Buoy WR7A at				CGD05 38-21-15.752N	075-05-22.932W
12228	33rd Ed.	01-OCT-11	Last LNM: 11/16	NAD 83		12/16
<i>Chart Title: Chesapeake Bay Pocomoke and Tangier Sounds</i>						
Main Panel 566 CHESAPEAKE BAY POCOMOKE AND TANGIER SOUNDS. Page/Side: N/A						
RELOCATE	Big Thorofare Channel Daybeacon 16				CGD05 from 37-58-26.312N	076-00-07.809W

					to 37-58-26.414N	076-00-07.698W
					CGD05	
RELOCATE	Big Thorofare Channel Daybeacon 27				from 37-59-22.940N	076-00-37.209W
					to 37-59-22.445N	076-00-37.155W
					CGD05	
CHANGE	Parkers Creek Daybeacon 1 to Parkers Creek Daybeacon 1P, SG at				37-43-30.630N	075-48-30.708W
12230	66th Ed.	01-APR-13	Last LNM: 11/16	NAD 83		12/16
<i>ChartTitle: Chesapeake Bay Smith Point to Cove Point</i>						
CHART VA-MD-CHESAPEAKE BAY: SMITH POINT TO COVE POINT. Page/Side: N/A						
					CGD05	
RELOCATE	Big Thorofare Channel Daybeacon 16				from 37-58-26.312N	076-00-07.809W
					to 37-58-26.414N	076-00-07.698W
					CGD05	
RELOCATE	Lower Thorofare Channel Light 6				from 38-07-39.937N	075-56-47.895W
					to 38-07-39.905N	075-56-47.713W
12231	30th Ed.	01-FEB-14	Last LNM: 11/16	NAD 83		12/16
<i>ChartTitle: Chesapeake Bay Tangier Sound Northern Part</i>						
Main Panel 569 TANGIER SOUND - NORTHERN PART. Page/Side: N/A						
					CGD05	
RELOCATE	Big Thorofare Channel Daybeacon 16				from 37-58-26.312N	076-00-07.809W
					to 37-58-26.414N	076-00-07.698W
					CGD05	
RELOCATE	Big Thorofare Channel Daybeacon 27				from 37-59-22.940N	076-00-37.209W
					to 37-59-22.445N	076-00-37.155W
					CGD05	
RELOCATE	Lower Thorofare Channel Light 6				from 38-07-39.937N	075-56-47.895W
					to 38-07-39.905N	075-56-47.713W
12237	28th Ed.	01-NOV-13	Last LNM: 06/16	NAD 83		12/16
<i>ChartTitle: Rappahannock River Corrotoman River to Fredericksburg</i>						
Main Panel 576 RAPPAHANNOCK RVR CORROTOMAN RVR FREDERICKSBURG VA. Page/Side: A						
					NOS	
CHANGE	Depth Legend - HOSKINS CREEK to:; 9 1/2 FT BY 100 FT DEC 2015				37-55-25.800N	076-50-54.800W
	(NOS NW-25584)					
					NOS	
CHANGE	Depth Legend - HOSKINS CREEK to:; 9 FT BY 64 FT DEC 2015 (NOS				37-55-14.600N	076-51-24.500W
	NW-25584)					
12248	44th Ed.	01-JAN-14	Last LNM: 45/15	NAD 83		12/16
<i>ChartTitle: James River Newport News to Jamestown Island; Back River and College Creek</i>						
Main Panel 585 JAMES RIVER NEWPORT NEWS TO JAMESTOWN ISLAND. Page/Side: N/A						
					NOS	
CHANGE	Depth Legend - TYLERS BEACH CHANNEL to:; 1/2 FT NOV 2015 (NOS				37-04-52.200N	076-39-38.700W
	NW-25573)					
12251	24th Ed.	01-AUG-13	Last LNM: 09/16	NAD 83		12/16
<i>ChartTitle: James River Jamestown Island to Jordan Point</i>						
Main Panel 589 JAMES RIVER JAMESTOWN ISLAND TO JORDAN POINT. Page/Side: N/A						
					NOS	
CHANGE	Tabulation - James River Channel Depths				37-23-00.000N	077-07-30.000W
	http://ocsddata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=263686 ;					
	Tabulation - James River Channel Depths (NOS NW-25576)					
12263	56th Ed.	01-JUN-12	Last LNM: 50/15	NAD 83		12/16
<i>ChartTitle: Chesapeake Bay Cove Point to Sandy Point</i>						
Main Panel 603 CHEASAPEAKE BAY COVE POINT TO SANDY POINT. Page/Side: N/A						
					CGD05	
DELETE	Eastern Bay Buoy 12 at				38-48-38.789N	076-12-32.300W
					CGD05	
CHANGE	Hambrooks Bar Light to Hambrooks Bar Warning Light, Fl W 2.5s, 19FT,				38-35-42.237N	076-04-51.143W
	6M					
					CGD05	
ADD	Eastern Bay Daybeacon 12				at 38-48-38.058N	076-12-33.555W

Red

12266	31st Ed.	01-OCT-13	Last LNM: 44/15	NAD 83		12/16
<i>ChartTitle: Chesapeake Bay Choptank River and Herring Bay; Cambridge</i>						
CHART MD- CHESAPEAKE BAY: CHOPTANK RIVER AND HERRING BAY. Page/Side: N/A						
CHANGE	Hambrooks Bar Light to Hambrooks Bar Warning Light, FI W 2.5s, 19FT, 6M			CGD05 38-35-42.237N		076-04-51.143W
12268	12th Ed.	01-DEC-15	Last LNM: 50/15	NAD 83		12/16
<i>ChartTitle: Choptank River Cambridge to Greensboro</i>						
CHART CHOPTANK RIVER: CAMBRIDGE TO GREENSBORO. Page/Side: N/A						
CHANGE	Hambrooks Bar Light to Hambrooks Bar Warning Light, FI W 2.5s, 19FT, 6M			CGD05 38-35-42.237N		076-04-51.143W
12270	37th Ed.	01-DEC-15	Last LNM: 06/16	NAD 83		12/16
<i>ChartTitle: Chesapeake Bay Eastern Bay and South River; Selby Bay</i>						
CHART MD- CHESAPEAKE BAY: EASTERN BAY AND SOUTH RIVER. Page/Side: N/A						
DELETE	Eastern Bay Buoy 12 at			CGD05 38-48-38.789N		076-12-32.300W
ADD	Eastern Bay Daybeacon 12 Red			CGD05 at 38-48-38.058N		076-12-33.555W
12273	59th Ed.	01-MAY-14	Last LNM: 05/16	NAD 83		12/16
<i>ChartTitle: Chesapeake Bay Sandy Point to Susquehanna River</i>						
Main Panel 625 CHESAPEAKE BAY SANDY PT TO SUSQUEHANNA RIVER. Page/Side: N/A						
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-27.000N		075-59-14.000W
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-27.000N		075-59-14.000W
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-32.000N		075-59-32.000W
12274	36th Ed.	01-SEP-12	Last LNM: 11/16	NAD 83		12/16
<i>ChartTitle: Head of Chesapeake Bay</i>						
CHART MD- HEAD OF CHESAPEAKE BAY. Page/Side: N/A						
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-27.000N		075-59-14.000W
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-27.000N		075-59-14.000W
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-32.000N		075-59-32.000W
12278	79th Ed.	01-MAY-14	Last LNM: 07/16	NAD 83		12/16
<i>ChartTitle: Chesapeake Bay Approaches to Baltimore Harbor</i>						
CHART MD- CHESAPEAKE BAY APPROACHES TO BALTIMORE. Page/Side: N/A						
RELOCATE	Pennwood Channel Buoy 14			CGD05 from 39-12-37.050N to 39-12-36.639N		076-27-29.024W 076-27-29.212W
12280	11th Ed.	01-FEB-14	Last LNM: 11/16	NAD 83		12/16
<i>ChartTitle: Chesapeake Bay</i>						
CHART MD - VA - CHESAPEAKE BAY. Page/Side: N/A						
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-27.000N		075-59-14.000W
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-27.000N		075-59-14.000W
DELETE	Commercial Mooring Buoy (PA) at			CGD05 39-26-32.000N		075-59-32.000W
12285	42nd Ed.	01-AUG-15	Last LNM: 10/16	NAD 83		12/16

ChartTitle: Potomac River; District of Columbia

CHART MD-VA-DC- POTOMAC RIVER. Page/Side: N/A

RELOCATE Dukeharts Channel Buoy 9

CGD05
from 38-13-18.922N
to 38-13-18.829N

076-46-00.119W
076-45-59.386W

12286 32nd Ed. 01-JAN-15 Last LNM: 06/16 NAD 83 12/16

ChartTitle: Potomac River Piney Point to Lower Cedar Point

Main Panel 661 POTOMAC RIVER PINEY POINT TO LOWER CEDAR POINT. Page/Side: A

RELOCATE Dukeharts Channel Buoy 9

CGD05
from 38-13-18.922N
to 38-13-18.829N

076-46-00.119W
076-45-59.386W

12304 47th Ed. 01-OCT-14 Last LNM: 09/16 NAD 83 12/16

ChartTitle: Delaware Bay

Main Panel 667 DELAWARE BAY. Page/Side: A

RELOCATE Maurice River Buoy 43

CGD05
from 39-22-09.474N
to 39-22-08.357N

075-02-07.352W
075-02-07.760W

12324 35th Ed. 01-MAR-12 Last LNM: 11/16 NAD 83 12/16

ChartTitle: Intracoastal Waterway Sandy Hook to Little Egg Harbor

CHART NY-NJ-SANDY HOOK TO LITTLE EGG HARBOR. Page/Side: N/A

CHANGE New Jersey Intracoastal Waterway Light 56
to FI R 4s, 15FT, 4M at

CGD05
at 39-41-22.108N

074-09-44.050W

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s) Project Date Ref. LNM
None

Advance Notice(s)

VA - VIRGINIA INSIDE PASSAGE - DISCONTINUED AIDS TO NAVIGATION

The Coast Guard Fifth District will discontinue the aids to navigation listed below:

VIP Warning Daybeacon AA (LLNR 5520) to VIP Daybeacon 121 (LLNR 5990);

VIP Daybeacon 139 (LLNR 6060) to VIP Daybeacon 184 (LLNR 6220);

Great Machipongo Inlet Junction Light NC (LLNR 6875);

VIP Daybeacon 189 (LLNR 6237) to VIP Light 230 (LLNR 6390);

Virginia Inside Passage Junction Light GV (LLNR 6835);

Quinby Inlet Entrance Warning Daybeacon A (LLNR 6730) to Quinby Inlet Channel Daybeacon 5 (LLNR 6743); and

G. Sand Shoal Channel Light 1 (LLNR 6990) to Sand Shoal Light 10 (LLNR 6996).

Floating aids will be removed on or about March 21, 2016. In consultation with the state of Virginia, there is a plan to removed approximately 185 fixed aids to navigation as resources permit over the course of the next several years. Lighting equipment will be removed and the aids converted to daybeacons until they can be removed. The Coast Guard is concerned that many of the aids to navigation listed above may be misleading to the mariner due to the extreme shoaling and shallower waterways that have developed over the past several years. As a result, the Coast Guard can no longer safely best mark the waterway. Mariners and waterway users are advised to use extreme caution when navigating in the vicinity of the aids to navigation in these waterways.

The Coast Guard will continue to mark Bradford Bay Access, Great Machipongo Channel and Wachapreague Channel, as water depths permit.

Charts: 12210 12211

LNM: 10/16

VA - JAMES RIVER - CHANGE TO AIDS TO NAVIGATION

The sound signal on Deep Water Shoals Light (LLNR 11780), James River, is to be discontinued on or about March 16, 2016.

Chart 12251

LNM: 10/16

NC - HATTERAS INLET CHANNEL - RELOCATIONS

The Coast Guard will be relocating the following aids to the approximate positions listed below on or about March 28, 2016:

Hatteras Inlet Channel Daybeacon 18 (LLNR 28760): 35-12-15.25N/075-43-13.32W

Hatteras Inlet Channel Light 19 (LLNR 28750): 35-12-15.444N/075-43-16.950W

Hatteras Inlet Channel Lighted Buoy 16 (LLNR 28750): 35-12-08.106/075-43-35.808W.

Chart 11555

LNM: 12/16

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

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
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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

U.S. COAST GUARD – ATLANTIC OCEAN AND GULF OF MEXICO SEACOAST AIDS TO NAVIGATION SURVEY

This Coast Guard Waterways Analysis and Management System (WAMS) survey is focused on both the Atlantic Ocean and Gulf of Mexico Seacoast System, open water systems typically traveled by mariners arriving from an ocean voyage or transiting along the coast. In addition to stakeholder input, the study will also consider environmental concerns, user capabilities, available technology and available resources. This assessment is the first in a series of national-level reviews that are part of the Future of Navigation initiative. The initiative seeks to improve service delivery for marine safety information, modernize the Coast Guard's physical Aids-to-Navigation (ATON) system, incorporate Automatic Identification System (AIS) ATON where appropriate and improve communications with Marine Transportation System (MTS) stakeholders. Individual mariners and interested maritime industry representatives can provide input until May 31, 2016, at:

<https://www.surveymonkey.com/r/SeacoastWAMS>

LNM: 11/16

NJ/DE – CAPE HENLOPEN TO INDIAN RIVER INLET REHOBOTH BAY - AIDS TO NAVIGATION CHANGE

Rehoboth Bay Channel Daybeacon 17B (LLNR 2145) structure was destroyed and after local servicing unit confirmed no wreckage existed established a, seasonal, Temporary Replacement Unlighted Buoy (TRUB). The Coast Guard is proposing making the change permanent.

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_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.

All comments will be carefully considered and are requested prior to March 28, 2016 to be considered in the analysis. Refer to project number 05-16-050(D)

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

U.S. Coast Guard Fifth District

Waterways Management (dpw)

Attn: Albert Grimes, Room 100

431 Crawford Street

Portsmouth, VA 23704

Charts: 12214 12216

LNM: 09/16

MD – POCOMOKE RIVER – UPPER POCOMOKE RIVER – AIDS TO NAVIGATION CHANGE

Upper Pocomoke River Daybeacon 8 (LLNR 22630) was destroyed and after local servicing unit confirmed no wreckage existed established a, seasonal, Temporary Replacement Unlighted Buoy (TRUB). The Coast Guard is proposing making the change permanent.

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_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.

All comments will be carefully considered and are requested prior to March 28, 2016 to be considered in the analysis. Refer to project number 05-16-052(D)

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

U.S. Coast Guard Fifth District

Waterways Management (dpw)

Attn: Albert Grimes, Room 100

431 Crawford Street

Portsmouth, VA 23704

Charts: 12228 12230

LNM: 09/16

VA – CHESAPEAKE BAY – CHESAPEAKE CHANEL - PROPOSAL TO REMOVE THE RACONS AND ADD SYNTHETIC AIS TO AIDS TO NAVIGATION

Due to the significant number of RACON failures associated with Chesapeake Channel Lighted Buoy 42 (LL 7275) and Chesapeake Channel Lighted Buoy 62 (LL 7440) the Coast Guard is proposing discontinuing the RACON's and establishing a SYNTHETIC AIS on each. AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, shore stations, and aids to navigation (AIS ATON). AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, and status at least every three minutes or as needed. Synthetic AIS ATON signals can be received by any existing AIS mobile device, but they would require an external system for their portrayal (i.e., AIS message 21 capable ECDIS, ECS, radar, PC). How they are portrayed currently varies by manufacturer, but the future intention is for the portrayal to be in accordance with forthcoming International Standards (i.e., IEC 62288 (Ed. 2), IHO S-4 (Ed. 4.4.0)). 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_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf. All comments will be carefully considered and are requested prior to April 18, 2016 to be considered in the analysis. Refer to project number 05-16-051(D). Send comments to Albert.L.Grimes@uscg.mil or CGD5Waterways@uscg.mil.

Charts: 12225 12226 12235 12280

LNM: 10/16

NC – BEAUFORT INLET - NEWPORT RIVER – TOWN CREEK - PROPOSAL TO DISCONTINUED AIDS TO NAVIGATION

The Coast Guard is proposing to Discontinue Town Creek Daybeacon 1 (LLNR 34880) and Town Creek Daybeacon 3 (LLNR 34890). Town Creek Daybeacon 1 is currently missing/destroyed and a Temporary Replacement Unlit Buoy (TRUB) is on station. With the recent bridge replacement project and the growth of Town Creek that has encroached into the federal project, Town Creek Daybeacons 1 and 3 now serve no lateral significance. 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 April 18, 2016 to be considered in the analysis. Refer to project number 05-16-061(D).

Send comments to CGD5Waterways@uscg.mil or james.l.fortin@uscg.mil

U.S. Coast Guard Fifth District
Waterways Management (dpw)
Attn: James Fortin
431 Crawford Street
Portsmouth, VA 23704
Charts 11541, 11545

Charts: 11541 11545

LNM: 11/16

NC – BEAUFORT INLET - PROPOSAL TO REMOVE THE WHISTLE AND ADD SYNTHETIC AIS TO BEAUFORT INLET CHANNEL LIGHTED WHISTLE BUOY BM (LLNR 720)

The Coast Guard is proposing to add Synthetic AIS to Beaufort Inlet Channel Lighted Whistle Buoy BM (LLNR 720). AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, shore stations, and aids to navigation (AIS ATON). AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, and status at least every three minutes or as needed. Synthetic AIS ATON signals can be received by any existing AIS mobile device, but they would require an external system for their portrayal (i.e., AIS message 21 capable ECDIS, ECS, radar, PC). How they are portrayed currently varies by manufacturer, but the future intention is for the portrayal to be in accordance with forthcoming International Standards (i.e., IEC 62288 (Ed. 2), IHO S-4 (Ed. 4.4.0)). 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_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf. All comments will be carefully considered and are requested prior to April 1, 2016 to be considered in the analysis. Refer to project number 05-16-054. Send comments to james.l.fortin@uscg.mil or CGD5Waterways@uscg.mil.

Charts: 11520 11545

LNM: 10/16

PROPOSAL TO DISCONTINUE SOUND SIGNAL - BEAUFORT INLET CHANNEL LIGHTED GONG BUOY 15 (LLNR 29380)

The U.S. Coast Guard is proposing to discontinue the sound signal on Beaufort Inlet Channel Lighted Gong 15 (LLNR 29380) 34-40-48.617N, 76-40-09.546W. In adherence to the U.S. Coast Guard Maritime Short Range Aids to Navigation Strategic Plan to reduce by 50% the number of sound signals on buoys due to the proliferation of electronic charting systems, the Fifth District Coast Guard Waterways Management Branch proposes the discontinuance of the sound signal on Beaufort Inlet Channel Lighted Gong Buoy 15 (LLNR 29380).

Mariners and other waterway stakeholders are encouraged to provide feedback using the USCG Fifth District Waterway Data Sheet. Refer to Project Number 05-16-056(D). All comments will be carefully considered and are requested prior to April 7, 2016 to complete the process. Comments on this proposal in writing, either personally or through their organization, may be sent to james.l.fortin@uscg.mil or CGD5Waterways@uscg.mil.

Charts: 11544 11545

LNM: 10/16

NC – BOGUE SOUND – PELETIER CREEK - PROPOSAL TO CHANGE AID TO NAVIGATION

The Coast Guard is proposing to change Peletier Creek Entrance Channel Daybeacon 2 (LLNR 38825) to Peletier Creek Entrance Channel Buoy 2 with the new AP 34-43-21N, 76-46-48W. Daybeacon 2 is currently missing/destroyed and a Temporary Replacement Unlit Buoy (TRUB) is on station. The most recent survey indicates shoaling to depths of less than 3 feet within Peletier Creek. The establishment of Peletier Creek Entrance Channel Buoy 2 returns the gated pair to the entrance of the channel while taking into consideration the present shoaling issues of the waterway. 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

All comments will be carefully considered and are requested prior to April 18, 2016 to be considered in the analysis. Refer to project number 05-15-185(D).

Send comments to CGD5Waterways@uscg.mil or james.l.fortin@uscg.mil

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

Attn: James Fortin

431 Crawford Street

Portsmouth, VA 23704

Charts: 11541 11545

LNM: 11/16

SECTION VII - GENERAL

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

VA - 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 pickup 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 capsized 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 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, 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. 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: 01/16

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

The U.S. Navy has established four permanent mine warfare training fields within the Virginia Capes Operating Areas. The Bounding coordinates for each field are as follow:

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

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

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

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

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 will be placed at a minimum of 40 feet depth (MLLW) to preclude them as hazards to navigation. The scheduled implant dates for the minefields are 05-09 December, 2014.

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

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

DREDGING AND MARINE CONSTRUCTION CAUTIONS

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

NJ - CAPE MAY HARBOR – SOUTH JERSEY MARINA BASIN – DREDGING

Southern Maryland Dredging will be conducting dredging operations at the South Jersey Marina basin located on Schellenger Creek off of Cape May Harbor, in Cape May, NJ from March 11, 2016 until April 18, 2016. There will be a pipeline routed in the shoal waters along the north side of the harbor and then a submerged pipeline crossing the navigational channel at the # 10 buoy in a southwest direction into shoal waters on the south side of the harbor. All pipelines will be marked. Dredging operations will be conducted 12 hours per day, 7 days a week. The dredge Patuxent II will be monitoring and can be reached on VHF-FM channels 16, 13 and 8. Mariners are advised to proceed with extreme caution when transiting the area.

Chart 12317

LNM: 11/16

NJ - INTRACOASTAL WATERWAY- SANDY HOOK TO LITTLE EGG HARBOR - MANASQUAN - ATLANTIC CITY - SHOALING

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. Mariners are urged to use caution when transiting the area.

Chart 12324

LNM: 12/16

MD – BALTIMORE HARBOR - BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland Transportation Authority, will be performing inspections at the I-695 (Baltimore Beltway) Bridges over Curtis Creek, river mile 1.0, and the I-695 (Francis Scott Key) Bridges over Bear Creek, river mile 1.3 in Baltimore City, MD. These inspections will occur between March 28, 2016 and May 31, 2016; from 7 a.m. to 5 p.m. The inspection of the bridges over Curtis Creek will take 3-5 days and the inspection of the bridges over Bear Creek will take 6-10 days. Two work boats will be operating in the vicinity of the bridges, performing inspections of the channel, fenders, dolphins and lower portions of the concrete support piers. Also, depth soundings will be taken throughout all spans of each bridge. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boats may be reached on VHF-FM channel 13. The project foreman can be reached (302) 250-6073 or (443) 807-3793. Mariners should use caution when transiting the areas.

Chart 12281

LNM: 11/16

MD – CHESAPEAKE BAY – EASTERN BAY - COVE CREEK CLUB MARINA – DREDGING

Dredging will be conducted in the Cove Creek Club Marina from March 15 to April 15, 2016. A barge mounted excavator will be working in the marina and then transferring the dredge material to additional barges for disposal. The dredge will be working 7:30 am to 4:00 pm, Monday through Saturday.

Chart 12270

LNM: 12/16

MD – CHESAPEAKE BAY – PATUXENT RIVER & VICINITY

Mariners are advised that an engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the S231 (MD-231) (Patuxent River Bridge) over the Patuxent River, at river mile 24.4, at Benedict, MD. The inspection will be conducted between March 28, 2016 and April 30, 2016; from 8 a.m. to 6 p.m. The underside of the bridge will be accessed by a boat and a snooper truck will be located on the bridge. Inspection personnel, equipment and vessels will relocate from the movable span navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13 and (410) 320-8537. The project foreman can be reached at (410) 322-1505. Mariners should use caution when transiting the area.

Chart 12264

LNM: 12/16

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

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.

Chart 12272

LNM: 12/16

MD – CHESAPEAKE BAY - CHESTER RIVER–KENT ISLAND NARROWS - BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the MD-18B (Main Street) Bridge over the Kent Island Narrows, at river mile 1.1, and US 50/301 (Blue Star Memorial Highway) Bridge over the Kent Island Narrows, at river mile 1.0 at Chester, MD. The inspection will be conducted between April 1, 2016 and June 15th, 2016, from 8:30 a.m. to 4:30 p.m. Inspections of the underwater portions of the bridge will be performed. A 25' boat work boat and dive team. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Chart 12272

LNM: 12/16

MD – CHESAPEAKE – CHOPTANK RIVER – TEST BORINGS

Hillis-Carnes Engineering associates will be conducting operations to drill test borings from a small barge on the upstream and downstream side of the 404 hwy over the Tuckahoe Creek in Hillsboro Maryland. Operations will be conducted from 7:00 am to 7:00 pm Monday thru Saturday from March 28 to April 30, 2016. Should you require any additional information please call Brian Siwinski at 410-609-0363.

Chart 12268

LNM: 12/16

MD – CHESAPEAKE BAY – PATUXENT RIVER & VICINITY - BRIDGE INSPECTION

Mariners are advised that an engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the S231 (MD-231) (Patuxent River Bridge) over the Patuxent River, at river mile 24.4, at Benedict, MD. The inspection will be conducted between March 28, 2016 and April 30, 2016; from 8 a.m. to 6 p.m. The underside of the bridge will be accessed by a boat and a snooper truck will be located on the bridge. Inspection personnel, equipment and vessels will relocate from the movable span navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13 and (410) 320-8537. The project foreman can be reached at (410) 322-1505. Mariners should use caution when transiting the area.

Chart 12264

LNM: 10/16

MD – CHESAPEAKE BAY - CHESTER RIVER–KENT ISLAND NARROWS - BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the MD-18B (Main Street) Bridge over the Kent Island Narrows, at river mile 1.1, and US 50/301 (Blue Star Memorial Highway) Bridge over the Kent Island Narrows, at river mile 1.0 at Chester, MD. The inspection will be conducted between April 1, 2016 and June 15th, 2016, from 8:30 a.m. to 4:30 p.m. Inspections of the underwater portions of the bridge will be performed. A 25' boat work boat and dive team. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Chart 12272

LNM: 11/16

MD – CHESAPEAKE BAY - CHOPTANK RIVER –BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the US 50 (Ocean Gateway) Bridge over Choptank River, at river mile 15.6, at Cambridge, MD. The inspection will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. Inspection of underwater portions of the bridge will be performed. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Chart 12268

LNM: 11/16

MD – CHESAPEAKE BAY – CHOPTANK RIVER – CAMBRIDGE CREEK - BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the S342 (MD-795) (Market Street) Bridge over Cambridge Creek, at river mile 0.1, at Cambridge, MD. The inspection will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. Inspection of underwater portions of the bridge will be performed. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Chart 12266

LNM: 11/16

MD – CHESAPEAKE BAY – WICOMICO RIVER - BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the US 50 BUS (Ocean Gateway) Bridge over Wicomico River, at river mile 24.4, at Salisbury, MD. The inspection will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. Inspections of the underwater portions of the bridge will be performed. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Chart 12261

LNM: 11/16

MD – CHESAPEAKE BAY – POCOMOKE RIVER – SNOW HILL- BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the MD-12 (Pocomoke River) Bridge over Pocomoke River, at river mile 29.9, at Snow Hill, MD. The inspection will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. Inspections of underwater portions of the bridge will be performed. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Charts: 12211 12261

LNM: 11/16

MD – CHESAPEAKE BAY – HONGA, NANTICOKE, WICOMICO RIVERS AND FISHING BAY

Mariners are advised that an engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the US 50 (Nanticoke River) Bridge over the Nanticoke River, at river mile 22.7, at Vienna, MD. The inspection will be conducted between April 4, 2016 and April 29, 2016; from 7 a.m. to 5 p.m., Monday-Friday. The underside of the bridge will be accessed by two snooper trucks on the bridge. Inspection personnel and equipment will relocate from the underside of the bridge upon request, to facilitate safe navigation through the bridge. The project foreman may be reached at 443-540-4719. Mariners should use caution when transiting the area.

MD – CHESAPEAKE BAY – HONGA, NANTICOKE, WICOMICO RIVERS AND FISHING BAY

Chart 12261

LNM: 10/16

CHESAPEAKE BAY – EASTERN BAY – WYE RIVER – JETTY CONSTRUCTION AND TEMPORARY MOORING BUOY

Central Marine Construction is building a stone jetty on the eastern shoreline of Bennett Point, just above the mouth of the Wye River. Central Marine construction is also temporarily establishing a mooring buoy to support work barges west of Bennett Point in Eastern Bay. The buoy will be white with a blue band, rise 3 feet above the water, and be discontinued on or about March 30, 2016. Wye River Mooring Buoy A 38-51-40N, 076-13-08W.

Chart 12270

LNM: 10/16

MD – CHESAPEAKE BAY – EASTERN BAY AND SOUTH RIVER; SELBY BAY - BRIDGE INSPECTION

An engineering firm, on behalf of the Maryland State Highway Administration, will be performing inspections at the MD-2 (South River) Bridge over South River, at river mile 5.7, at Edgewater, MD. The inspection will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. Inspection of the underwater portions of the bridge will be performed. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Chart 12270

LNM: 11/16

DC – POTOMAC RIVER – WASHINGTON CHANNEL – BRIDGE MAINTENANCE

Mariners are advised that scaffolding will be installed at the Francis Case Bridge, at mile 0.0, across Washington Channel in Washington, DC from March 1 until June 1 2016. The charted vertical clearance of this bridge is 18 feet above mean high water. 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.

Charts: 12285 12289

LNM: 10/16

DC – POTOMAC RIVER- DISTRICT OF COLUMBIA

An engineering firm, on behalf of DCDOT, will be performing inspections at the Route 1 (14th Street) Bridge over Outlet/Washington Channel, mile 1.9, in Washington, DC. The inspection will be conducted between March 21, 2016 and March 25, 2016; from 9 a.m. to 5 p.m. A 30 ft. vessel will be operating under and in the vicinity of the bridge to provide access for inspection of the superstructure (beams) and substructure (piers and abutments), as well as personnel taking depth readings. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channel 13 and (717) 368-5395. The project foreman can be reached at (410) 905-7832 or (570) 317-6224. Mariners are requested to notify the project foreman five minutes prior to navigation through the area and should use caution when transiting the area.

Chart 12285

LNM: 12/16

MD – POTOMAC RIVER – PINEY POINT TO LOWER CEDAR POINT - TEMPORARY MOORING BUOYS

On or about March 16, 2016 until about June 16, 2016, the construction company, Coastal Design, will be conducting a shoreline protection project on St Clements Island. They will be temporarily establishing four mooring buoys to support work barges. One of the buoys will be approximately 1000 yards WSW of the southerly point of the island. The other three will be located along the southwestern shoreline, within 400 yards of the island. The buoys will be white with blue bands and rise 3 feet above the waterline.

St Clements Island Mooring Buoy A 38-12-20N, 076-45-18W

St Clements Island Mooring Buoy B 38-12-25N, 076-44-51W

St Clements Island Mooring Buoy C 38-12-30N, 076-44-55W

St Clements Island Mooring Buoy D 38-12-32N, 076-45-02W.

Chart 12286

LNM: 10/16

SEACOAST – OCEAN CITY TO CAPE HATTERAS – HAZARD TO NAVIGATION – BUOY ADRIFT

USS Bainbridge (DDG 96) reported a green buoy with the number 1 on it adrift in position 36-33.295N, 074-51.051W on 18 March 2016.

Chart 12200

LNM: 12/16

VA - SOUTHERN CHESAPEAKE BAY (WILLOUGHBY BANK) – NOAA HYDROGRAPHIC SURVEY OPERATIONS

NOAA Ship THOMAS JEFFERSON (S222) will be conducting hydrographic survey operations in Virginia's Chesapeake Bay from Willoughby Bank north to Back River from April 4th through May 13th. The ship itself will not take part in the survey, however it's two launches and two autonomous vehicles will. These vessels can be identified on AIS, with NOAA markings, and will be monitoring VHF channels 13 and 16. Survey operations will be conducted during daylight hours. Mariners are requested to exercise caution when transiting the operational area. Survey modes include; survey from one or two 30 foot launches, and survey from one or two autonomous surface vehicles (Yellow hull with antennas, 6.5ft x 3.5ft). Questions or concerns can be addressed to the ship's Field Operations Officer via phone at: (757) 647-0187 or via email at: ops.thomas.jefferson@noaa.gov.

Charts: 12207 12221

LNM: 12/16

VA – APPOMATTOX RIVER - BRIDGE MAINTENANCE

Mariners are advised that an engineering firm, on behalf of the CSX Transportation Inc., will be performing maintenance at Seaboard System Railroad Bridge over Appomattox River, mile 2.5, in Hopewell, VA. The bridge maintenance will be conducted between March 28, 2016 and April 15, 2016; from 7 a.m. to 7 p.m., 7 days a week. During this time, repair and rehabilitation of the swing bridge machinery will occur. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request. The bridge tender may be reached on VHF-FM channel 13. The project foreman can be reached at (813) 613-4324. Mariners are reminded to provide at least 24 hours notice for a

VA – APPOMATTOX RIVER - BRIDGE MAINTENANCE

bridge opening. Mariners should use extreme caution when transiting the area.

Chart 12252

LNM: 12/16

VA - WILLOUGHBY BAY - LIVE BLANK FIRE EXERCISE FOR NAVAL STATION NORFOLK HARBOR PATROL UNIT

Dates/times exercise will take place: 30 Mar-01 Apr/ 11-15 Apr 2016, 0900-1700 (Live Blank Fire Exercise) Willoughby Bay vicinity of 36-57N/76-17.5W. Naval Station Norfolk Harbor Patrol Unit (moose boat) Grey hull / Atlantic Targeting 8m RHIB black hull/Harbor Security Boat (HSB) aluminum hull. POC for concerned mariners: Kevin Kubacki, Marine radio frequency being monitored: VHF Channel 82 Primary/69 Alternate.

Chart 12254

LNM: 10/16

VA – NORFOLK HARBOR – CRANEY ISLAND – DREDGING

The Dredge Essex along with support equipment will commence dredging operations at Virginia International Gateway (VIG) Portsmouth VA on or about April 10, 2016 continue until approximately May 3, 2016. A submerged pipeline will be placed from the dredging area to the Craney Island disposal area. The dredge operator will standby on channel 13 and 16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage. For emergencies the dredge superintendent can be reached at 757-285-2133. All mariners are requested to stay clear of the dredge, booster, floating pipeline, pontoon pipes and submerged pipelines, barges, derricks and operating wires about the dredge.

Chart 12253

LNM: 11/16

VA - SHOALING IN THE RUDEE INLET CHANNEL

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.

Charts: 12205 12207 12208 12221

LNM: 10/16

VA - CHESAPEAKE BAY - SOUTHERN BRANCH ELIZABETH RIVER

Mariners are advised that Donjon Marine Co. and General Dynamics Electric boat will be conducting a high risk crane operation at Norfolk Naval Shipyard in Portsmouth, VA, from 7 a.m. to 7 p.m. on March 15 and March 19, 2016. Mariners are requested to proceed at slow speed to minimize wake and are reminded of the six knot speed limit in the southern branch of the Elizabeth River in accordance with 33 CFR 165.501(D)(8). Mariners are requested to utilize the east side of the channel during the crane operation to maintain a safe distance from the crane barge and to proceed with extreme caution. Port Ops vessels will be on scene and monitoring VHF channels 79, 16 and 13. Shipyard port operations may also be contacted via landline at (757)396-7361.

Chart 12254

LNM: 10/16

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

Mariners are advised that 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 July 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 10 a.m., noon and 2 p.m.; 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.

Chart 12206

LNM: 10/16

VA - ALBEMARLE AND CHESAPEAKE CANAL - MILE MARKER 12.2 - ATLANTIC INTRACOASTAL WATERWAY - TEMPORARY CLOSURE GREAT BRIDGE LOCK

The Great Bridge Lock, located in Chesapeake, Virginia, will be closed to navigation on Tuesday March 29, 2016 between 7:00 AM and 3:00 PM. The Albemarle and Chesapeake Canal, Route 1 of the Atlantic Intracoastal Waterway, will be closed to through vessel traffic during the time period. Closure is required to facilitate diving and crane operations to remove and replace a lock gate support strap and clean the debris pit near the lock gates. Vessels desiring to transit the Atlantic Intracoastal Waterway during the closure may use the Dismal Swamp Canal, Route 2. The controlling depth of the canal is 6.0 feet with a width of 50 feet. The Dismal Swamp Canal locking hours are 8:30 AM, 11 :00 AM, 1 :30 PM, and 3:30 PM. Vessel operators may contact Mr. Joel Scussel at 757-201-7642 regarding the Dismal Swamp Canal latest project conditions or the Albemarle and Chesapeake Canal closure. Lock and bridge operators will monitor Channel 13.

Chart 12206

LNM: 12/16

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

Mariners are advised that 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 July 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 10 a.m., noon and 2 p.m.; 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.

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

Chart 12206

LNLM: 12/16

VA/NC – CAPE HENRY TO PAMLICO SOUND – INCLUDING ALBEMARLE SOUND

Mariners are advised that a construction 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. 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 southwest 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

LNLM: 10/16

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. To help facilitate the repair of bridge fender system, on May 2, 2016 through August 15, 2016 during daylight hours. Two barges will be placed on Croatan Sound along with several small floats. The barges are approximately 30'x115' and will be positioned to minimize, as much as possible, any disruption to the waterway. All construction equipment be removed from the waterway channel at the end of the workday and properly lighted for storage each night. The onsite work supervisor can be contacted on VHF-FM channels 13 and 16 for communication. Mariners are urged to transit the area with caution at slow no wake speeds.

Chart 12204

LNLM: 11/16

NC – GALLANTS CHANNEL – BRIDGE CONSTRUCTION

Mariners are advised that there is a submerged bridge girder 165ft long and 3ft high, submerged at the construction site of U.S. Highway 70, new Gallant's Channel Fixed Bridge across Gallant's Channel in Beaufort, North Carolina. The girder is in 28ft of water, outside the channel in position, 38°43.36N 076°70.57W. Mariners transiting the area are advised to proceed at a slow speed and a safe distance while divers work to recover the girder. The Orion Marine Group can be reached on VHF channels 13 and 16.

Chart 11545

LNLM: 12/16

NC – CAMP LEJEUNE – AICW – TRAINING

Under the provision of 33 Code of Federal Regulations, Part 165.514 the Coast Guard is establishing a temporary safety zone on the Atlantic Intracoastal Waterway (AICW) adjacent to Marine Corps Base Camp Lejeune, North Carolina, which encompasses the navigable waters of the AICW between Mile Hammock Bay and the Onslow Beach Swing Bridge (34°37'57"N/077°12'18"W and 34°33'07"N/077°20'30"W) in support of military training operations. Due to the need to protect mariners on the navigable waters from the hazards associated with the military training operations, vessel traffic will be temporarily restricted on the AICW between Hammock Bay and the Onslow Beach Swing Bridge, on the following dates and times:

March 28 - 30, 2016 6:00 a.m. until 8:00 p.m.

March 31, 2016 8:00 a.m. until 12:00 p.m. & 1:00 p.m. until 5:00 p.m.

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

Chart 11541

LNLM: 10/16

NC – NEW RIVER – ATLANTIC INTERCOASTAL WATERWAY – DREDGING

Mariners are advised that the Cottrell Contracting Corporation dredge Marion will be conducting dredging operations in the New River Inlet/Channel to Jacksonville at New River Channel Day beacon 18 and working to New River Buoy 72B". Operations will also take place in the Atlantic Intercoastal Waterway from Bouge Sound - New River Day beacon 76 to Bouge Sound - New River Day beacon 70. The submerged pipeline will be located behind the dredge and will be present along the Green Side of the New River Inlet and run ashore on the northeastern corner of North Topsail Beach. The dredge will begin operations on or about March 10, 2016 and will be completed by April 16, 2016.

Chart 11542

LNLM: 10/16

NC – HOWARDS CREEK - HAMPSTEAD, NC - DREDGING

The U.S. Army Corps of Engineers will be conducting dredging operations in Howards Creek between buoys 98A (LLNR 39545.1) and 98B (LLNR 39545.3) near Hampstead, North Carolina. Dredging operations are scheduled from 6:00 am to 6:00 pm daily, starting March 11, 2016 and ending approximately March 19, 2016. Mariners are requested to stay clear of the dredge, pipelines, barges, derricks, buoys and operating wires about the dredge. Mariners are requested to exercise extreme caution when approaching, passing, and leaving the dredge areas and plants. Dredge SNELL monitors VHF channels 13 and 16. Mariners are cautioned to strictly comply with the rules of the road when approaching, passing and leaving the area of operations.

Chart 11541

LNLM: 11/16

NC – SEACOAST – WRIGHTSVILLE BEACH – TEMPORARY RESEARCH BUOY

Oneka Technologies is temporarily establishing a lighted research buoy approximately 1.5 nautical miles north-northeast of Masonboro Inlet and 1 nautical mile offshore. The buoy is white, 8 feet wide, and outfitted with a radar reflector. It is lit with a yellow light flashing 4 seconds. It will be established on or about March 16, 2016 and discontinued on or about March 18, 2016.

Masonboro Inlet Research Buoy A 34-11-40.9N, 077-46-59.6W
Chart 11520

LNM: 11/16

NC – CAROLINA BEACH INLET- DREDGING

The Dredge CHARLESTON will commence dredging operations in the Carolina Beach Inlet on March 12, 2016. The project includes dredging in Carolina Beach Inlet between the Atlantic Intracoastal Waterway and Carolina Beach Inlet Buoy 9 (LLNR 30305). A pipeline will be placed between the dredge and the southern shoreline of the inlet. The project will continue until approximately April 30, 2016. All mariners are requested to stay clear of the dredge, booster, floating (including pontoon) and submerged pipelines, barges, derricks and operating wires about the dredge.

Operators of vessels of all types should be aware that the dredge 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 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, pipelines, barges, derricks, wires and related equipment. The project will be conducted twenty – four (24) hours per day seven (7) days a week. The Dredge Operator will be standing by on channels 13 and 16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage.

Chart 11534

LNM: 11/16

NC - DREDGING OPERATIONS - BALD HEAD SHOAL - CAPE FEAR RIVER ENTRANCE

The Dredge McFarland will begin dredging operations at the Cape Fear River Entrance, between Cape Fear River Entrance Channel Lighted Buoy 6 (LLNR 30340) and 8 (LLNR 30350) near Southport, North Carolina. Dredging operations will begin on March 16, 2016 and run until March 28, 2016 and will be on a twenty-four hour a day, seven days a week schedule. Mariners are requested to stay clear of the dredge, pipelines, barges, derricks, buoys and operating wires about the dredge. Mariners are requested to exercise extreme caution when approaching, passing, and leaving the dredge areas and plants. Dredge McFarland monitors VHF channels 13 and 16. Mariners are cautioned to strictly comply with the rules of the road when approaching, passing and leaving the area of operations.

Chart 11537

LNM: 12/16

NC - CAPE FEAR RIVER - WILMINGTON BYPASS BRIDGE CONSTRUCTION

Mariners are advised to take caution and proceed slowly when approaching the construction site of the new Wilmington Bypass Bridge, over the Cape Fear River, mile 35.5, in Brunswick and New Hanover Counties, NC. All vessel traffic can expect delays and should adjust voyage plans accordingly when transiting this area. To facilitate the process of girder raisings by Balfour Beatty Infrastructure, commencing on the following dates and times vessels requiring greater than 20 feet horizontal clearance and 12 feet vertical clearance must provide at least 24 hours notice to remove construction barges and equipment out of the channel: March 31, 2016 6:00 pm to 11:59 pm, April 4, 2016 6:00 pm to 11:59 pm, April 7, 2016 6:00 pm to April 8, 2016 8:00 pm. The Balfour Beatty Infrastructure onsite work supervisor can be contacted on VHF channel 13 and telephone at (910) 622- 4718 or (910) 231- 0723 to arrange removal of the barges and equipment from the channel. Mariners are urged to transit the area at slow no wake speeds.

Chart 11537

LNM: 12/16

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
445	<i>Chesapeake Bay Southern Approach Lighted Buoy 7</i>	36-51-31.315N 075-50-55.159W	FI G 2.5s		6	Green.	12/16
475	<i>Chesapeake Bay Southern Approach Lighted Buoy 13</i>	36-54-03.213N 075-54-21.780W	FI G 4s		6	Green.	12/16
710 29125	<i>Cape Lookout Breakwater Lighted Buoy 2</i>	34-37-06.921N 076-33-45.916W	Q R		3	Red.	12/16
1910	Maurice River Buoy 43	* 39-22-08.357N 075-02-07.760W				Green can.	12/16
		*					

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
2465	Liston Range Lighted Buoy 7L	39-24-45.840N 075-30-47.541W	Fl G 2.5s		5	Green.	Replaced by LIB of reduced intensity when endangered by ice.	12/16
		*						
2595	Reedy Island Range Buoy 4R	39-29-53.746N 075-33-22.326W				Red nun.		12/16
		*						
2620	Reedy Island Range Lighted Buoy 5R	39-30-43.303N 075-33-17.429W	Fl G 2.5s		5	Green.	Replaced by LIB of reduced intensity from Jan. 1 to Mar. 1.	12/16
		*						
4845	Isle of Wight Bay Lighted Wreck Buoy WR7A						Remove from list.	12/16
							*	
8560	POOLES ISLAND SOUTH RANGE REAR LIGHT 1,183 yards, 000° from front light.	39-18-07.023N 076-14-11.662W	Oc W 4s	72		On skeleton tower.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of rangeline. NIGHT: Visible all around higher intensity 1.5° either side of rangeline.	12/16
							*	
8695	POOLES ISLAND NORTH RANGE FRONT LIGHT	39-18-31.431N 076-13-37.309W	Fl W 2.5s (NIGHT) Fl W 2.5s (DAY)	35 33		On skeleton tower on caisson.	Lighted throughout 24 hours. DAY : Visible 1.5° either side of rangeline. NIGHT : Visible all around; higher intensity 1.5° either side or rangeline.	12/16
							*	
8700	POOLES ISLAND NORTH RANGE REAR LIGHT 1,221 yards, 227° from front light.	39-18-07.023N 076-14-11.662W	Oc W 4s (NIGHT) Oc W 4s (DAY)	69 72		On same structure as Pooles Island South Range Rear Light.	Lighted throughout 24 hours. DAY : Visible 1.5° either side of rangeline. NIGHT : Visible 4.0° either side of rangeline.	12/16
							*	
13496	YORK RIVER EAST RANGE FRONT LIGHT	37-15-01.951N 076-20-49.886W	Q W (NIGHT) F W (DAY)	20 23		On multi-pile structure.	Lighted throughout 24 hours. DAY : Visible 1.5° either side of rangeline. NIGHT : Visible all around; higher intensity 1.5° either side of rangeline.	12/16
							*	
13497	YORK RIVER EAST RANGE REAR LIGHT 1,398 yards, 076.6° from front light.	37-15-04.850N 076-20-32.978W	Iso W 6s (NIGHT) F W (DAY)	57 54		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY : Visible 1.5° either side of rangeline. NIGHT : Visible all around; higher intensity 1.5° either side of rangeline.	12/16
							*	

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
17125	St. Patrick Creek Channel Buoy 3A	38-13-58.816N 076-44-33.496W				Green can.	Maintained from Mar. 15 to Dec. 1.	12/16
17205	Dukeharts Channel Buoy 9	38-13-18.829N 076-45-59.386W				Green can.	Maintained from Mar. 15 to Dec 1.	12/16
20485	Pennwood Channel Buoy 14	* 39-12-36.639N 076-27-29.212W				Red nun.		12/16
21975	Parkers Creek Daybeacon 1P	* 37-43-30.630N 075-48-30.708W				SG on pile.		12/16
23060	* Big Thorofare Channel Daybeacon 16	37-58-26.414N 076-00-07.698W				TR on pile.		12/16
23095	Big Thorofare Channel Daybeacon 27	* 37-59-22.445N 076-00-37.155W				SG on pile.		12/16
23510	LOWER THOROFARE CHANNEL LIGHT 6	* 38-07-39.905N 075-56-47.713W	FI R 4s	16	3	TR on slatted pile structure.		12/16
24995	HAMBROOKS BAR WARNING LIGHT	* 38-35-42.237N 076-04-51.143W	FI W 2.5s (R sector)	19	W 6 R 5	NW on white cylindrical structure on red base worded DANGER.	Red from 312° to 335° covers shoal south side of river at entrance to Cambridge.	12/16
26095	* Eastern Bay Buoy 12						Remove from list.	12/16
26095	Eastern Bay Daybeacon 12	38-48-38.058N 076-12-33.555W				TR on pile.	*	12/16
29125 710	* Cape Lookout Breakwater Lighted Buoy 2	* 34-37-06.921N 076-33-45.916W	* Q R	*	*	3 Red.	*	12/16
29345	* Beaufort Inlet Channel Lighted Buoy 7	* 34-38-53.364N 076-40-38.093W	* Q G			5 Green.		12/16
34745	CORE SOUND LIGHT 58	34-42-07.963N 076-36-45.548W	FI R 2.5s	15	4	TR on pile.		12/16
					*			

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
35205	NEW JERSEY INTRACOASTAL WATERWAY LIGHT 56	39-41-22.108N 074-09-44.050W	FI R 4s	15	4	TR-TY on pile.	12/16	
					*			
35647	New Jersey Intracoastal Waterway Buoy 160A	39-26-47.520N 074-23-28.922W				Red nun with yellow triangle.	Maintained from May 1 to Nov. 1. Removed when endangered by ice.	12/16
							*	

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosures

1. Summary of Bridge Regulations/Construction/Permits.
 2. Summary of Dredging.
 3. Summary of Marine Events.
 4. Summary of Coast Guard Sector North Carolina shoaling/waterway projects.
 5. Summary of Coast Guard Sector Hampton Roads shoaling/waterway projects.
-
-

SUMMARY OF D5 BRIDGE PERMITS/REGULATIONS/CONSTRUCTION

(Yellow indicates new item)

CURRENT PROJECTS

Permits:

SECTOR BALTIMORE

- **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 a fixed bridge with a minimum vertical clearance of 100 feet above mean high water, while maintaining the existing 125-foot horizontal clearance. The information gathered as a result of this preliminary public notice will assist the U.S. Coast Guard in determining adequate minimum vertical and horizontal clearances for the proposed crossing of the Southern Branch of the Elizabeth River. Public Notice 5-1360 was published on December 4, 2015 and comments were received for the record at the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 from December 4, 2015 through January 4, 2016. The Coast Guard is currently reviewing comments received.

SECTOR NORTH CAROLINA

- **North Carolina** - None

Regulations:

SECTOR BALTIMORE

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

SECTOR DELAWARE BAY

- **Delaware** – None
- **New Jersey (Central & Southern)**
NJICW – Barnegat Bay – SR37 (vertical-lift) Bridge – The CG is temporarily modifying the drawbridge operating schedule between December 1, 2015 and March 31, 2018. Over the span of two and half years, the drawbridge will be closed to navigation for three four-month closure periods in the winter months. Extensive replacement of parts and repairs to the bridge necessitate these closures.
- **Pennsylvania** – None

SECTOR HAMPTON ROADS

Virginia (Southern)

Black Narrows & Lewis Creek Channel – SR 175 (bascule) Bridge – Test regulation and Public Notice 5-1340 was issued; comment period ended October 2, 2014. The deviation tested a change for the drawbridge operation schedule to determine whether a permanent change to the schedule was needed to open on demand. Final Rule to be published in Federal Register.

SECTOR NORTH CAROLINA

- **North Carolina** - None

Construction, et al:

SECTOR BALTIMORE

- **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 March 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 June 1, 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.

Patuxent River - S231 (MD-231) (Patuxent River Bridge) – An inspection will be conducted between March 28, 2016 and April 30, 2016; from 8 a.m. to 6 p.m. The underside of the bridge will be accessed by a boat and a snooper truck will be located on the bridge. Inspection personnel, equipment and vessels will relocate from the movable span navigable channel, upon request, to facilitate safe navigation through the bridge. Inspection personnel, equipment and vessels will relocate from the movable span navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13 and (410) 320-8537. The project foreman can be reached at (410) 322-1505. Mariners should use caution when transiting the area.

South River - MD-2 (South River) Bridge - Underwater inspections will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Wicomico River - US 50 BUS (Ocean Gateway) Bridge – Underwater inspections will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Cambridge Creek - S342 (MD-795) (Market Street) Bridge - Underwater inspections will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Pocomoke River - MD-12 (Pocomoke River) Bridge – Underwater inspections will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Choptank River - US 50 (Ocean Gateway) Bridge – Underwater inspections will be conducted between April 1, 2016 and June 15, 2016; from 8:30 a.m. to 4:30 p.m. A 25' work boat and dive team will be on site. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Kent Island Narrows - MD-18B (Main Street) Bridge and US 50/301 (Blue Star Memorial Highway) Bridge – Underwater inspections will be conducted between April 1, 2016 and June 15th, 2016, from 8:30 a.m. to 4:30 p.m. A 25' boat work boat and dive team. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request, to facilitate safe navigation through the bridge. The work boat may be reached on VHF-FM channel 13. The project foreman can be reached at (410) 877-5016. Mariners should use caution when transiting the area.

Nanticoke River - US 50 (Nanticoke River) Bridge - Inspection will be conducted between April 4, 2016 and April 29, 2016; from 7 a.m. to 5 p.m., Monday-Friday. The underside of the bridge will be accessed by two snooper trucks on the bridge. Inspection personnel and equipment will relocate from the underside of the bridge, upon request, to facilitate safe navigation through the bridge. The project foreman may be reached at 443-540-4719. Mariners 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 June 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.

Washington Channel (Outlet) - Route 1 (14th Street) Bridge - Inspections will be conducted between March 21, 2016 and March 25, 2016; from 9 a.m. to 5 p.m. A 30 ft. vessel will be operating under and in the vicinity of the bridge to provide access for inspection of the superstructure (beams) and substructure (piers and abutments), as well as personnel taking depth readings. Inspection personnel, equipment and vessels will relocate from the navigable channel, upon request. The vessel may be reached on VHF-FM channel 13 and (717) 368-5395. The project foreman can be reached at (410) 905-7832 or (570) 317-6224. Mariners are requested to notify the project foreman five minutes prior to navigation through the area and should use caution when transiting the area.

Virginia (Northern) - None

SECTOR DELAWARE BAY

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

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

Nacote Creek – Old New York Road (fixed) Bridge – Priority repair operations will take place from October 1, 2015 through April 2016 from barges in and near the channel with the ability to move away from the channel when requested.

Oldmans Creek – US 130 Bridge – Bridge repairs will be performed from November 1, 2015 through March 31, 2016. Wedges, pier repair, floor beam work, counter-weight support work, and cleaning and painting will be completed. We are advising mariners to 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.

Mantua Creek - Conrail Railroad Bridge -- Construction on the new tower span vertical-lift drawbridge has been extended through April 2016. The bridge will remain closed to maritime traffic on Mantua Creek until construction is complete. The new bridge will have vertical clearances of 2 feet in the closed position and 25 feet in the open position and a horizontal clearance of 44 feet on a skewed channel between the pile bents.

Mantua Creek – Conrail Railroad Bridge - Construction of the replacement bridge and the remote operation system will require the bridge to be maintained in the closed-to-navigation position between 12 midnight on March 1, 2016 until 12 midnight on April 1, 2016. The bridge will open on signal, if at least four hours notice is given by telephone at (856) 231-2282. During the closure period the bridge will be able to open for emergencies, if at least four hours notice is given by telephone at (856) 231-2282. The vertical clearance of the bridge in the closed position is 2 feet above mean high water and vessels able to safely pass through the bridge in the closed position may do so at any time. Mariners should use caution when transiting the area.

Barneget Bay (New Jersey Intracoastal Waterway) - Thomas Mathis Bridge (SR37) - Repairs, including rehabilitation of the bascule span, will require the bridge to be maintained in the closed-to-navigation position from 8 p.m. on March 31, 2016 through 8 p.m. April 17, 2016. The vertical clearance of the bridge in the closed position is 30 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 – Rte 413 Burlington-Bristol Bridge - To facilitate replacement of the tender's control house, the bridge will not be able to open for vessels for 72 hours from 6 a.m. Friday April 1, 2016 through Monday April 4, 2016 at 6 a.m. The alternate marine closure period will be Friday April 8, 2016 at 6 a.m. through Monday April 11, 2016 at 6:00 a.m. The bridge has 61 feet of vertical clearance in the closed position. A safety boat may be in the vicinity.

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 – Rte 413 Burlington-Bristol Bridge - To facilitate replacement of the tender's control house, the bridge will not be able to open for vessels for 72 hours from 6 a.m. Friday April 1, 2016 through Monday April 4, 2016 at 6 a.m. The alternate marine closure period will be Friday April 8, 2016 at 6 a.m. through Monday April 11, 2016 at 6:00 a.m. The bridge has 61 feet of vertical clearance in the closed position. A safety boat may be in the vicinity.

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 (North Landing Road) Bridge – 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 10 a.m., noon and 2 p.m.; 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.

Appomattox River - Seaboard System Railroad Bridge (CSX) - Maintenance will be conducted between March 28, 2016 and April 15, 2016; from 7 a.m. to 7 p.m., 7 days a week. During this time, repair and rehabilitation of the swing bridge machinery will occur. Inspection personnel, equipment and vessels will relocate from the movable span and navigable channel, upon request. The bridge tender may be reached on VHF-FM channel 13. The project foreman can be reached at (813) 613-4324. Mariners are reminded to provide at least 24 hours notice for a bridge opening. Mariners should use extreme 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/>.

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.
Mad Inlet (Unnamed Tributary) – Sunset Beach West, LLC Bridge - All interested parties are notified that the Commander, Fifth Coast Guard District has received an application from Cape Fear Engineering, on behalf of Sunset Beach West, LLC, for a bridge to be constructed across navigable waters of the United States. Sunset Beach West, LLC proposes to construct a wooden bridge at the west end of West Main Street (SR 1177) over an unnamed tributary to Mad Inlet in Sunset Beach, Brunswick County, NC. The purpose of this supplemental public notice is to provide an opportunity to make additional comments. Public Notice 5-1359 was released on January 8, 2016. The applicant is also requesting a waiver of a bridge permit under Title 33 Code of Federal Regulations, Section 115.70; Advance approval for bridges. Advance approval waterways are those that are navigable in law, but not actually navigated by other than small boats. The Commandant of the Coast Guard has given advance approval to the construction or repair of bridges across such waterways. Comments on this proposal should be forwarded to the above address no later than **March 9, 2016**. Note: This date for acceptance of comments is extended to reflect thirty (30) days from the date this LNM article was published. A copy of **Supplemental Public Notice 5-1359a**, which describes the proposal in detail, can be obtained by calling (757) 398-6222 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>.

Regulations:

- **Maryland** – None
- **Washington, DC** – None
- **Virginia (Northern)** – None
- **Delaware** –
Broad Creek – Norfolk Southern Swing Bridge - The purpose of this notice is to notify mariners, adjacent property owners, and government agencies that the Coast Guard proposing to change the drawbridge operating regulation for the Norfolk Southern railroad bridge over Broad Creek, at mile 8.0, in Laurel, DE. This proposed change would alter the current regulation requiring a four-hour advance notice to allow the bridge to remain in the closed position for the passage of vessels. Copies of Public Notice 5-1361 which announced the change can be obtained by calling (757) 398-6422 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>
- **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

NJ – Delaware Bay – Delaware River – Oldmans Creek (Chart 12312)

Mariners are advised that repairs will be performed from November 1, 2015 through **March 31, 2016** at the US130 Bridge across Oldmans Creek, at mile 3.1, in Oldmans Township, Nortonville, NJ. (Ref LNM 46/15)

NJ – Barnegat Inlet To Little Egg Inlet Long Beach Sound – Beachfill Operations (Charts 12323, 12318)

PADRE ISLAND, DODGE ISLAND, and LIBERTY ISLAND conducting beach fill operations along the Atlantic Ocean coastline from Beach Haven to Loveladies until **April, 2016**. Ref LNM 16/15

NJ – Great Egg Harbor Bay – Drag Channel - Bridge Construction And 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

NJ – Intracoastal Waterway – Sandy Hook To Little Egg Harbor – Barnegat Bay - Bridge Maintenance (Chart 12324)

Mariners are advised that repairs, including rehabilitation of the bascule span, on the Thomas Mathis Bridge (SR37), at mile 14.1, across Barnegat Bay, New Jersey Intracoastal Waterway, at Seaside Heights, NJ require the bridge to be maintained in the closed-to-navigation position from 8 p.m. on March 31, 2016 through 8 p.m. **April 17, 2016**. Ref LNM 08/16

NJ – Great Egg Inlet to Townsends Inlet – Dredging

Great Lakes Dredge & Dock Company dredge ILLINOIS is currently conducting dredging operations from Corson's Inlet borrow area located directly northeast of the north end of Strahmere and southeast of the south end of Peck Beach. Work is expected to be completed by approximately by **15 April, 2016**. Ref LNM 01/16

NJ – Intracoastal Waterway – Sandy Hook To Little Egg Harbor – Barnegat Bay – Bridge Maintenance (Chart 12324)

On the Thomas Mathis Bridge (SR37), at mile 14.1, over the Barnegat Bay are scheduled between **15 July 2015 and 31 May 2018**. Ref LNM 28/15

NJ - CAPE MAY HARBOR – SOUTH JERSEY MARINA BASIN - DREDGING

Southern Maryland Dredging will be conducting dredging operations the South Jersey Marinas basin located on Schellenger Creek off of Cape May Harbor, in Cape May, NJ from March 11, 2016 until April 18, 2016. Ref LNM 14/16

DE/NJ – Delaware Bay - Dredging

Mariners are advised that Weeks Marine vessels B.E. LINDHOLM and R.N. WEEKS have completed dredging and are currently conducting demobilizing dredging pipelines and equipment in Delaware Bay, near Lewes, DE until **April, 2016**. Ref LNM 21/15, LNM 45/15

NJ – Mantua Creek – Construction (Chart 12312)

Construction on the Conrail Railroad E. Jefferson Street Bridge over the Mantua Creek in Paulsboro, NJ will continue until **April, 2016**. Ref LNM 42/15

PA – Delaware River – Philadelphia And Camden Waterfronts – Bridge Maintenance (Chart 12213)

Painting of the suspension spans and towers at the Walt Whitman Bridge (I-76) across the Delaware River, mile 96.8, Philadelphia, PA, until **31 March, 2018**. Ref LNM 42/15

PA – Schuylkill River – Philadelphia – Bridge Maintenance 2.1

Mariners are advised that an engineering firm, on behalf of the City of Philadelphia, PA, will be performing maintenance and repair of the Falls Bridge over the Schuylkill River, at river mile 12.1, in Philadelphia, PA from February 1, 2016 until **March 31, 2016**, between 7 a.m. and 4 p.m. daily. Ref LNM 02/16

NJ/PA - (Wilmington To Philadelphia) - Delaware River – Bridge Painting (Chart 12312)

Bridge painting on the Commodore Barry Bridge, at mile 81.4, across the Delaware River, between Bridgeport NJ and Chester, PA, through **March 2016**. Ref LNM 08/15

DE - Indian River – Dredging Operations

Mariners are advised that dredging operations will be conducted in Indian River, near Millsboro, DE through **01 April, 2016**. Ref LNM 42/15

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 – 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 – Severn And Magothy Rivers – Construction Operations

Marine construction operations are scheduled to occur in the Severn River from 04 January, 2016 to **01 April, 2016** during daylight hours. The stone revetment project is located in approximate position 38-59-35.1N 076-28-52.4W and will include work boats and material barges on site. Ref LNM 01/16

MD – CHESAPEAKE – CHOPTANK RIVER – TEST BORINGS (Chart 12268)

Hillis-Carnes Engineering associates will be conducting operations to drill test borings from a small barge on the upstream and downstream side of the 404 hwy over the Tuckahoe Creek in Hillsboro Maryland from March 28 to **April 30, 2016**. Should you require any additional information please call Brian Siwinski at 410-609-0363. Ref LNM 12/16

MD – Chesapeake Bay – Eastern Bay - Shoreline Improvement Project

Mariners are advised that a shoreline improvement project is scheduled to occur in Eastern bay from February 8, 2016 through **March 30, 2016**. Ref LNM 02/16

MD – Chesapeake Bay – Severn River – Spa Creek – Annapolis Harbor – Marine Construction Project (Chart 12282.12283)

Mariners are advised that a bulkhead replacement project is scheduled to occur in Annapolis Harbor from October 26, 2015 through **25 April, 2016**. Ref LNM 41/15

MD/DC – Anacostia River – Washington D.C. – Marina Construction (Chart 12285)

Bellingham Marine has commenced construction of multiple docking facilities for the Yards Marina on the Anacostia River, in Washington D.C., near Yards Park. Construction is expected to be completed sometime in **May of 2016**. Ref LNM 37/15

DC – Upper Potomac River/Washington Channel (Chart 12289)

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

DC – Potomac River – Washington Channel – Bridge Maintenance (Chart 12289)

Mariners are advised that scaffolding will be installed at the Francis Case Bridge, at mile 0.0, across Washington Channel in Washington, DC from 05 Dec 2015 until **15 April 2016**. Ref LNM 48/15

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

VA – James River/Newport News Shipbuilding Waterfront (Chart 12248)

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

VA – James River – Foundation Repairs To Power Distribution Towers (Chart 12248)

Mariners are advised that Precon Marine Construction, Inc. Tugs SAVANNAH/ELLIE LEE are currently conducting foundation repairs to the power distribution towers crossing the James River. The work period is scheduled to be completed in **February/March 2016**. Ref LNM 25/15

VA – James River – Newport News – Demolition and Pier Repairs Updated (Chart 12248)

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

VA – Hampton Roads – Bridge Improvements

Earley Marine Incorporation will begin construction improvements the bridge on Virginia Route 143 (Settler's Landing Road) over the Hampton River (City of Hampton – 0.4 miles west of Interstate I-64 within the next 30 days with a completion date of **April, 2016**. Ref LNM 02/16

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 from 12 December, 2015 through **01 June, 2016**. Ref LNM 49/15

VA – Lynnhaven River – Western Branch – Dredging Operations (Chart 12254)

Carolina Marine Structures Inc are currently conducting dredging operations within the Lynnhaven River – Western Branch and Old Donation Creek. Dredging operations are expected to be completed sometime in **April, 2016**. Ref LNM 04/15

VA – NORFOLK HARBOR – CRANEY ISLAND – DREDGING (Chart 12253)

The Dredge Essex along with support equipment will commence dredging operations at Virginia International Gateway (VIG) Portsmouth VA on or about April 10, 2016 continue until approximately **May 3, 2016**. A submerged pipeline will be placed from the dredging area to the Crane Island disposal area. Ref LNM 11/16.

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 – 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 – Norfolk Naval Station Piers – Dredging (Chart 12206)

Cottrell Contracting Corporation of Chesapeake, VA advises that the dredge ROCKBRIDGE will be conducting dredging operations at Norfolk Naval Station Norfolk, VA from piers 1 through 14 through **01 June, 2016**. Ref LNM 05/16

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 – Centerville Turnpike Bridge – Fender Repairs (Chart 12206)

Ryan Construction Co. Inc, will commence fender repairs to the Centerville Turnpike Bridge fendering system on 01 February through **26 May, 2016**. Ref LNM 05/16

VA/NC – NOAA Hydrographic Survey Operations (Chart 12207)

The NOAA ship FERDINAND R. HASSLER (S-250) will be conducting hydrographic survey operations near the Virginia and North Carolina border offshore of Currituck Beach from 8 February until **25 March, 2016**. Ref LNM 05/16

VA/NC – Cape Henry To Pamlico Sound – Including Albemarle Sound - Bridge Construction (Chart 12205)

Mariners are advised that 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 – (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, 2016 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 – Morehead City – Construction (Chart 11541)

Precon Marine will be conducting repair and replacement work to the fendering system on the North and East piers at PCS Barge Docks in Morehead City. Work will consist of small sectional barges moored to the pier with equipment and personnel working during daylight hours. Work period will be from November 19, 2015 to **April 1, 2016**. Ref LNM 46/15

NC – Dredging Operations In The Vicinity of The New River/Aicww – Sneads Ferry Nc- Dredging (Chart 11541)

Contractor, Marion & Cottrell, vessels MARION, SAXON, and BLACKHAWK will be conducting dredging operations in the vicinity of the New River and AICWW intersection to Cedar Bush Cut Channel until approximately **April 30th, 2016**. Ref LNM 08/16

NC – Mason Inlet - Dredging (Chart 11541)

Mariners are advised that the Dredge CHESAPEAKE will commence dredging operations in the Mason Inlet area on January 21, 2016. The project includes dredging in Mason Inlet, Mason Creek and the Atlantic Intracoastal Waterway. The project will continue until approximately **March 31, 2016**. Ref LNM 04/16

NC – Atlantic Ocean – Carolina Beach - Dredging

Mariners are advised that Marinex Construction Dredge SAVANNAH will be conducting beach nourishment at Carolina Beach near the Ocean Blvd Public Beach access until **April 30, 2016**. Ref LNM 50/15

NC – Atlantic Ocean - Carolina Beach - Dredging - Updated (Chart 11534)

Mariners are advised that Marinex Construction is continuing beach nourishment at Carolina Beach and Kure Beach, NC until **April 30, 2016**. The Dredge SAVANNAH, assisted by the Tugs NA HOKU, SEGA and CAPTAIN RIO will be actively working in two borrow sites. Ref LNM 02/16

NC –New River – Dredging (Chart 11542)

Mariners are advised that the Cottrell Contracting Corporation dredge Marion will be conducting dredging operations in the New River Inlet/Channel to Jacksonville at New River Channel Day beacon 18 and working to New River Buoy 72B". Operations will also take place in the Atlantic Intercoastal Waterway from Bouge Sound - New River Day beacon 76 to Bouge Sound - New River Day beacon 70. The submerged pipeline will be located behind the dredge and will be present along the Green Side of the New River Inlet and run ashore on the northeastern corner of North Topsail Beach. The dredge will begin operations on or about March 10, 2016 and will be completed by April 16, 2016. Ref LNM 10/16

NC – CAROLINA BEACH INLET- DREDGING (Chart 11534)

The Dredge CHARLESTON will commence dredging operations in the Carolina Beach Inlet March 12 to April 30, 2016. The project includes dredging in Carolina Beach Inlet between the Atlantic Intracoastal Waterway and Carolina Beach Inlet Buoy 9 (LLNR 30305). A pipeline will be placed between the dredge and the southern shoreline of the inlet. The project will be conducted twenty – four (24) hours per day seven (7) days a week. The Dredge Operator will be standing by on channels 13 and 16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage. Ref LNM 11/16

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

NORTH CAROLINA - DREDGING OPERATIONS - BALD HEAD SHOAL - CAPE FEAR RIVER ENTRANCE (Chart 11537)

The Dredge McFarland will be conducting dredging operations at the Cape Fear River Entrance, between Cape Fear River Entrance Channel Lighted Buoy 6 (LLNR 30340) and 8 (LLNR 30350) near Southport, NC, March 16 until March 28, 2016. Twenty-four hour a day, seven days a week. Dredge McFarland monitors VHF channels 13 and 16. Chart 11537

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 – CHESAPEAKE BAY – SEVERN RIVER - REGULATED AREA

Mariners are advised that the U.S. Naval Academy will sponsor its annual Safety-at-Sea Seminar in the Severn River adjacent to the U. S. Naval Academy, between the Naval Academy (SR-450) Bridge and Triton Light (LLN-19780), on Saturday, April 2, 2016, from 11:30 a.m. to 1:30 p.m. The event includes on-water activities involving small boats and other vessels, a low-flying helicopter and pyrotechnics demonstrations. As described in 33 CFR Sec. 100.501, a regulated area is established for all waters of the Severn River, from shoreline to shoreline, bounded to the northwest by the Naval Academy (SR-450) Bridge and bounded to the southeast by a line drawn from the Naval Academy Light at latitude 38°58'39.5" N, longitude 076°28'49" W thence easterly to Carr Point, MD at latitude 38°58'58" N, longitude 076°27'41" W. The regulated area will be enforced from 11 a.m. to 1:30 p.m. on April 2, 2016. The effect will be to restrict vessel traffic on certain waters of the Severn 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 or 22A. 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. Mariners are urged to schedule their transits on this waterway beyond the enforcement times. For any comments or questions, contact Coast Guard Sector Baltimore, Waterways Management Division, at (410) 576-2674 or (410) 576-2693. Charts 12282, 12283.

MD – CHESAPEAKE BAY – SEVERN RIVER - ROWING COMPETITIONS

Mariners are advised that annual intercollegiate rowing competitions are scheduled to occur on the Severn River at Annapolis, MD on Saturday, March 26, 2016 and April 2, 2016, from 6:30 a.m. to 9:30 a.m. both days. The 2,000-meter rowing course is located from Severn River Light 2 (LLNR 19945) downriver to the entrance to College Creek; an alternate course is located from Severn River Light 2A (LLNR 9950) downriver to Severn River Light 2 (LLNR 19945). Official patrol vessels can be contacted on marine band radio VHF-FM channel 16. For any comments or questions, contact Coast Guard Sector Baltimore at (410) 576-2674 or (410) 576-2693. Charts 12282, 12283

DC - UPPER POTOMAC RIVER - WASHINGTON CHANNEL – FIREWORKS DISPLAY - SAFETY ZONE

Mariners are advised that the annual "National Cherry Blossom Festival" fireworks display is scheduled to occur in Washington Channel on Saturday, April 9, 2016, at 8:30 p.m. As described in the Table to 33 CFR Section 165.506, a safety zone is established upon the waters of the Upper Potomac River, within a 500-yard radius of the fireworks barge in approximate position latitude 38° 52' 20" N, longitude 077° 01' 17" W, located within the Washington Channel in Washington, DC. The zone will be enforced from 7:30 p.m. to 9:30 p.m. on April 9, 2016. The effect will be to restrict vessel traffic in the Washington Channel. The fireworks barge within the regulated area will have a diamond-shaped, 4 feet by 4 feet sign with orange retro-reflective border affixed to the port and starboard sides of the barge labeled "FIREWORKS—DANGER—STAY AWAY" with black block letters on a white background to provide on scene notice that the safety zone will be enforced. The Captain of the Port Baltimore can be contacted by telephone at (410) 576-2693 or by marine band radio on VHF-FM Channel 16. Official patrol vessels can be contacted on marine band radio VHF-FM Channel 16. Comments or questions should be directed to Coast Guard Sector Baltimore, Waterways Management Division, at telephone number (410) 576-2674 or (410) 576-2693. Chart 12289.

VA - Chesapeake Bay - Piankatank River - Deltaville

Mariners are advised that the Fishing Bay Yacht Club's Offshore Opening Day 2016 will occur in the Chesapeake Bay at the mouth of the Piankatank River. This event will take place on April 9, 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 - HAMPTON BAR

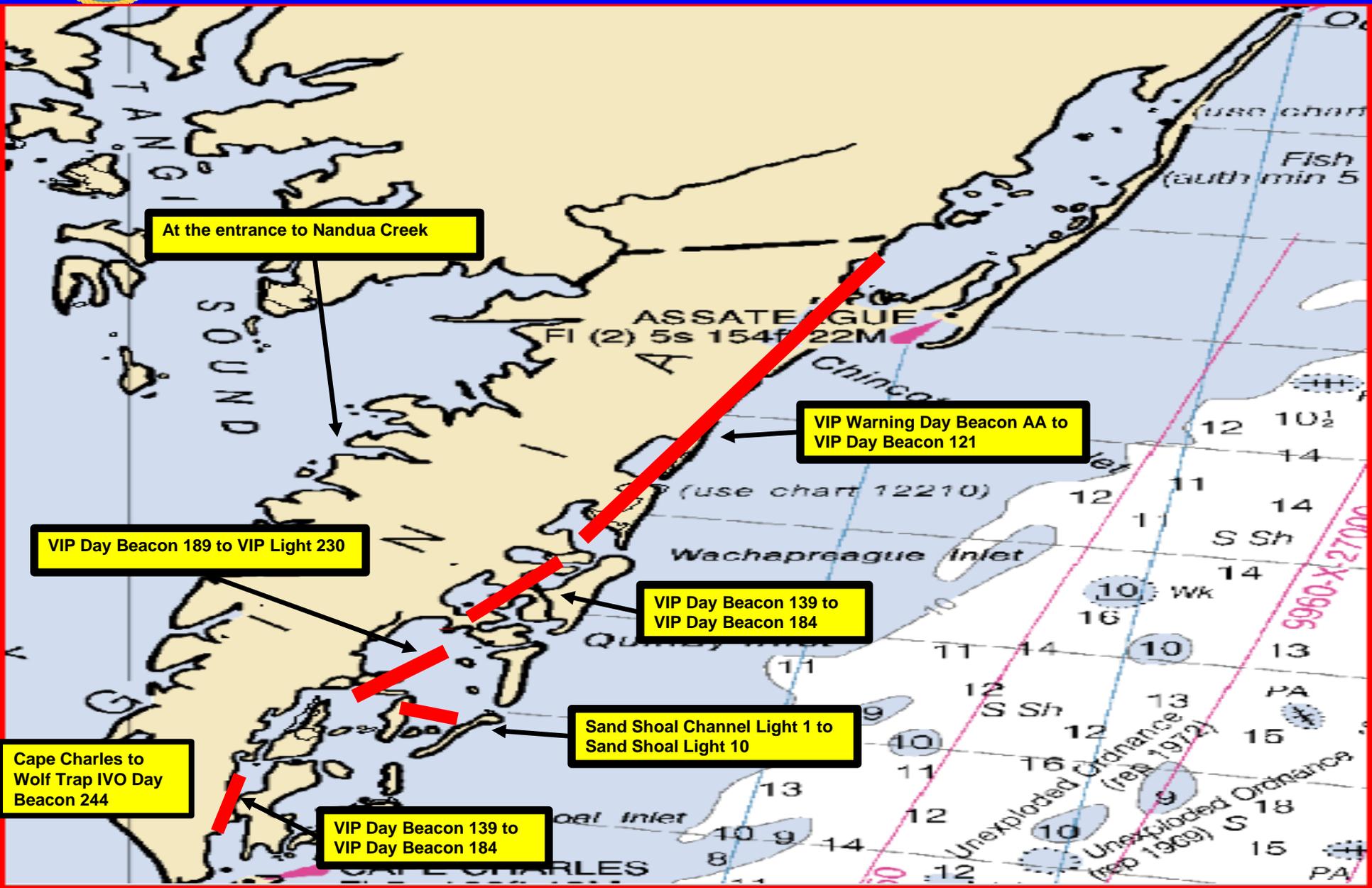
Mariners are advised that the Hampton Yacht Club will be hosting the Wednesday Night Races on the Hampton Bar in Hampton Roads, VA. The sailboat regattas will be held every Wednesday night, starting on April 6, 2016 and ending on September 28, 2016, beginning at 6 p.m. and ending at 8:30 p.m. Mariners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

VA - CHESAPEAKE BAY - HAMPTON FLATS

Mariners are advised that the CCV tune up races sailboat regatta will be held in the Hampton Roads Harbor, in the vicinity of Hampton Flats in Hampton, VA. This event will be held on April 10, 17, 24 and May 1, 2016 from 9:00 a.m. until 4:30 p.m. Mariners are advised to use caution when transiting the area. Chart 12222



WWM VIP SHOALING





WWM SHOALING LIST

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



WWM SHOALING LIST cont

NTM	AREA	SHOALING DESCRIPTION
BNM 011-15	Extending 10 FT Channelward of Davis Creek Light 6.	Shoaling depth of 2 FT MLW
BNM 182-15	Extending 50 yards Channelward from Horn Harbor Light 8	Shoaling depth of 1-2 FT 1 hour before low tide
BNM 241-15	IVO of Linkhorn Day Beacon 20A and Linkhorn Bay Light 21	Shoaling depth of 1.6 FT MLW
BNM 363-15	Between Pagan River Day Beacon 15 and Day Beacon 17	Shoaling depth of 4 FT MLW.
BNM 328-15	Established Trub Horn Harbor 8A at the entrance of Horn Harbor.	Shoaling depth of 5 FT MLW.
BNM 327-15	Established temporary buoy Mildford Haven East 6A at the entrance of Milford Haven.	Shoaling depth of 4FT MLW.
BNM 471-15	James River Tribell Shoal Reach, between Channel lighted buoys 27 & 29. Two temp green buoys will be placed to mark shoaling.	Shoaling depth of 23.6FT MLW.
BNM 544-15	Queen Creek entrance light 2 to light 5 and daybeacon 4	Shoaling depth of 2 FT MLW reducing channel width.
BNM 573-15	Milford Haven Channel IVO light 3 extending 100 yds east of daybeacon 3A	Shoaling depths of less than 1 FT MLW reported in the Federal Channel.



WWM SHOALING LIST cont

NTM	AREA	SHOALING DESCRIPTION
BNM 549-15	Urbanna Creek – LT 5 to LT 7 less than 2 feet of available depth	Shoaling depth less than 2 FT at MLW
BNM 059-16	RUDEE INLET	Shoaling to 4ft at MLW close to south jetty



WWM DREDGING PROJECTS

BNM	DATES	AREA	DESCRIPTION
321-15	03 Jun – 30 Mar 16	Southern Branch of Elizabeth River	IVO Route 337. Monday-Saturday, 12 hr. ACE Superfund Site. Not to exceed 50% of width of Federal channel 31 Oct – 31 Jan 16.
045-15	13 Feb 15 – 24 Apr 16	Western Branch of Lynnhaven River & Old Donation Creek	Daylight hours only.
033-16	5 Feb 2016 – May 20, 2016	Norfolk Harbor, CI Reaches, NIT Dredging	7 days a week, 24 hours a day.
064 – 16	13 – 18 March 2016	Rudee Inlet	6am to 6pm



WWM BRIDGES

NTM	PROJECT	DATES	AREA	DESCRIPTION
LNM	Veterans Bridge (Dom Blvd)	01 JAN 13 - 01 APR 17	Elizabeth River/Southern Branch	VC 95 ft high with four-lanes.
LNM	John A Lesner Bridge	10 JUN 14 - 01JUL17	Lynnhaven Inlet	Bridge expansion.
LNM	Centerville TNPk	1 Feb – 26 May 2016	AICW	Fender system repairs
BNM 063-16	North Landing Bridge	Thru 1 July 2016	AICW	Repairs from allision. Altered opening schedule
BNM 061-16	Lesner Bridge	March 2016	Lynnhaven inlet	Heavy lifts w/2hr closures
BNM 076-16	Dominion Bridge Partial channel closures (35ft)	23-25 March	Elizabeth River/Southern Branch	125 ft hor reduced to 90 ft



WWM PROJECTS

NTM	PROJECT	DATES	AREA	DESCRIPTION
BNM 401-15	James River Fishing Pier	19 SEP 14 – 28 AUG 16	James River	James River Fishing Pier Demo & Replacement.



WWM MARINE EVENTS

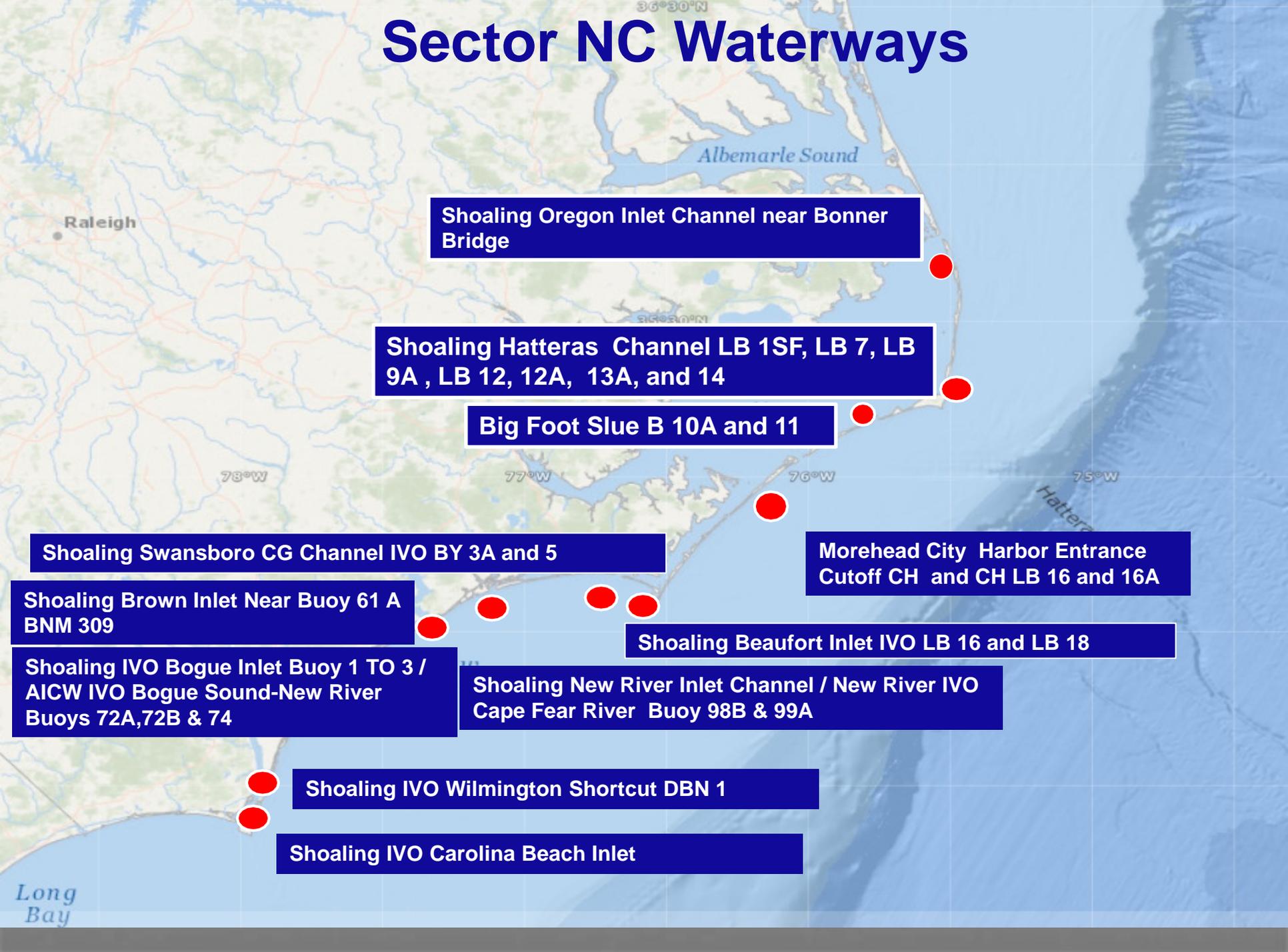
DATE	EVENT	AREA/WATERWAY	DESCRIPTION



WWM DEADSHIP TOWS

DATE	NAME /LENGTH	POC	FROM	TO

Sector NC Waterways



Shoaling Oregon Inlet Channel near Bonner Bridge

Shoaling Hatteras Channel LB 1SF, LB 7, LB 9A, LB 12, 12A, 13A, and 14

Big Foot Slue B 10A and 11

Shoaling Swansboro CG Channel IVO BY 3A and 5

Morehead City Harbor Entrance Cutoff CH and CH LB 16 and 16A

Shoaling Brown Inlet Near Buoy 61 A BNM 309

Shoaling Beaufort Inlet IVO LB 16 and LB 18

Shoaling IVO Bogue Inlet Buoy 1 TO 3 / AICW IVO Bogue Sound-New River Buoys 72A,72B & 74

Shoaling New River Inlet Channel / New River IVO Cape Fear River Buoy 98B & 99A

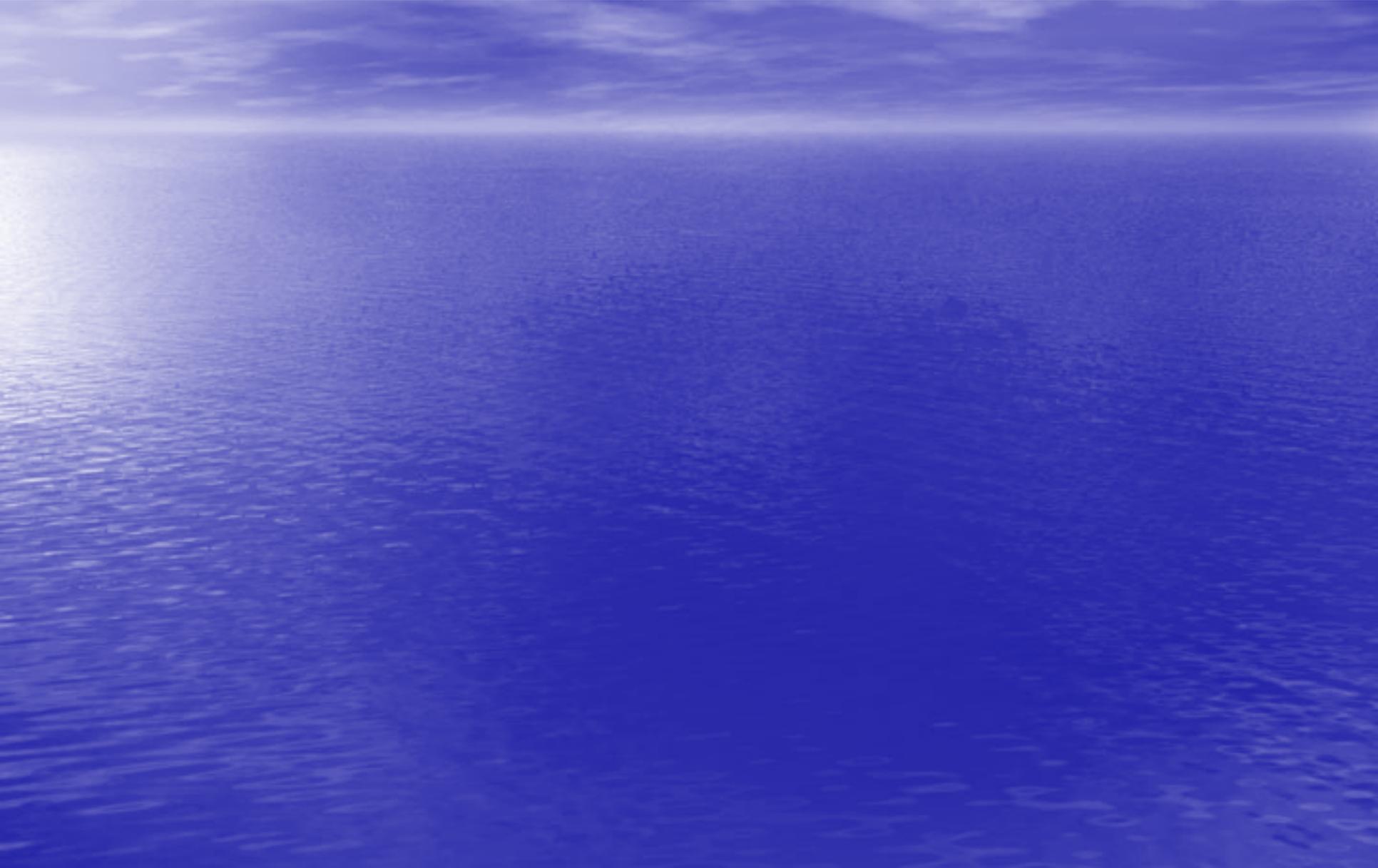
Shoaling IVO Wilmington Shortcut DBN 1

Shoaling IVO Carolina Beach Inlet

Long Bay

AREA	MAINTENANCE	DESCRIPTION	BNM/ MSIB/ LNM
Carolina Beach	Dredging	Dredge Savannah Until 04/30/2016	LNM 50/15
Mason Inlet	Dredging	Dredge Chesapeake Until 03/31/2016	LNM 04/16
New River	Dredging	Dredge Marion Until 04/30/2016	LNM 08/16
Cape Fear River	Dredging	Dredge McFarland Until 03/23/2016	

Fireworks Location	Fireworks Sponsor/Event Name	Fireworks Vendor	Safety Zone	Date
N/A				



AREA	MARINE EVENT	DESCRIPTION	MEP
N/A			

