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

LOCAL NOTICE TO MARINERS

District: 5 Week: 08/16

LOCAL NOTICE TO MARINERS
Coastal Waters from Shrewsbury River, New Jersey to Little River, South Carolina
The Local Notice to Mariners contains all information relevant to the waterways within the Fifth Coast Guard District and is updated each Tuesday on the U.S. Coast Guard Navigation Center website at http://www.navcen.uscg.gov/?pageName=lnmDistrict&region=5 . If you have questions about the LNM, please contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (dpw)
431 Crawford Street, Portsmouth, Virginia 23704
Telephone (Day) : (757) 398-6552 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://ocsdata.ncd.noaa.gov/nm/resultList.asp?Chart= (apply specific chart number i.e. Chart 11548)

D5 LNM on Internet/Archived Back Issues for 2014/2015
http://www.navcen.uscg.gov/?pageName=lnmDistrict&region=5

Chesapeake Bay Weather Buoys
http://www.cbos.org
Tides on Line
http://www.tidesonline.nos.noaa.gov/
Tides, Currents, PORTS
http://www.tidesandcurrents.noaa.gov/
Coast Guard District 5

Weather
http://www.weather.gov//

ABBREVIATIONS

A through H

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

I through O

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

P through Z

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

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

PRINTABLE DIGITAL FILES OF UP-TO-DATE NOAA NAUTICAL CHARTS

NOAA's Office of Coast Survey provides up-to-date digital files of the NOAA nautical charts for federal agencies to use in performing the nation's business. Agencies may download the files and plot them or have them plotted under agency control. Send an e-mail from an official government address with a .gov or .mil extension to NauticalCharts@NOAA.gov for details. NOTE: Use of these files is limited to federal government agencies. All other users of NOAA charting products should continue to receive them from their regular suppliers. See www.NauticalCharts.NOAA.gov for information.

LNM: 26/11

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.

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

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) - 048, 050, 052, 055, 056, 057, 059 THRU 062-16.
Sector Delaware Bay (DB) - 079, 080, 081, 084, 086, 088-16.
Sector Baltimore (BA) - 094, 093, 092, 089, 088, 087, 086, 085, 084, 081, 080, 073, 071, 065, 059, 058, 056, 055, 053, 051-16 CCGD5 BNM 048, 044-16
Sector Hampton Roads (HR) - 033-16, 038-16, 042-16, 43-16, 45-16, 46-16, 48-16, 50-16 AND 52-16.
Sector North Carolina (NC) - 044-16, 047-16, 048-16, 049-16, 053, 055-16, 058-16, 062-16, 063-16, 069-16, 070-16, 071-16, 072-16, 073-16, 074-16, 077-16, 078-16, 079-16, 080-16, 081-16, 082-16, 083-16, 084-16.

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
450	**Chesapeake Bay Southern Approach Lighted Buoy 8**	**LT EXT**	**12200**	**052HR**	**08/16**
585	Navy Air Combat Maneuvering Range Tower Light G	LT EXT	12200	407NC	27/12
685	**Cape Lookout Lighted Buoy 14**	**LT EXT**	**11544**	**072NC**	**08/16**
825	Frying Pan Shoals Slough Buoy 1	MISSING	11536	191NC	14/15
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
1091	**Oyster Creek Buoy 38A**	**OFF STA**	**12324**	**086DB**	**08/16**
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
2145	Rehoboth Bay Channel Daybeacon 17B	STRUCT DEST	12216	415DB	29/15
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
4857	**Isle Of Wight Bay Buoy 9A**	**OFF STA**	**12211**	**078BA**	**08/16**
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
5042	**Sinepuxent Bay Channel Lighted Buoy 11**	**OFF STA**	**12211**	**084BA**	**08/16**
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
5085	**Sinepuxent Bay Channel Buoy 20**	**OFF STA**	**12211**	**085BA**	**08/16**
5090	**Sinepuxent Bay Channel Buoy 21**	**OFF STA**	**12211**	**086BA**	**08/16**
5105	Sinepuxent Bay Channel Buoy 27	MISSING	12211	179BA	13/15
5110	**Sinepuxent Bay Channel Buoy 27A**	**MISSING**	**12211**	**087BA**	**08/16**
5115	**Sinepuxent Bay Channel Buoy 28**	**MISSING**	**12211**	**088BA**	**08/16**
5120	Sinepuxent Bay Channel Buoy 29	MISSING	12211	182BA	13/15
5125	**Sinepuxent Bay Channel Lighted Buoy 31**	**MISSING**	**12211**	**089BA**	**08/16**
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	043HR	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
7110	**Chesapeake Channel Lighted Buoy 14**	**OFF STA**	**12222**	**042HR**	**08/16**
7120	Chesapeake Channel Lighted Buoy 16	LT EXT	12206	029HR	05/16
7230	**Chesapeake Channel Lighted Buoy 38**	**LT EXT**	**12224**	**046HR**	**08/16**
7275	Chesapeake Channel Lighted Buoy 42	RAC INOP	12226	424HR	29/15
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
8750	Aberdeen Restricted Area Buoy K	MISSING	12274	032BA	05/16
10520	Little Creek Harbor Light 5	STRUCT DEST/TRLB	12255	514HR	40/15
10575	Willoughby Bay Channel Daybeacon 1	TRLB/STRUCT DEST	12245	164HR	10/15
11995	Jamestown Island Daybeacon 2	STRUCT DEST	12248	208HR	13/15
13497	York River East Range Rear Light	LT EXT	12241	298HR	19/15
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
14052	Mobjack Bay Channel Buoy 2MB	MISSING	12238	008HR	02/16
15395	Morattico Creek Daybeacon 2	STRUCT DMGD	12237	177HR	11/15
17260	Wicomico River Warning Daybeacon	DAYMK MISSING	12286	323BA	24/15
17905	Upper Potomac River Channel Lighted Buoy 21	LT EXT	12288	001BA	02/16
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
18620	Alexandria Channel Lighted Buoy 6	OFF STA	12289	044BA	05/16
18675.1	**Four Mile Run Wreck Buoy WR6A**	**OFF STA**	**12285**	**098BA**	**08/16**
19900	Eastport Harbor Daybeacon 7	STRUCT DEST/TRLB	12283	533BA	50/15
21605	Hungar Creek Daybeacon 2	STRUCT DEST/TRLB	12226	026HR	26/14
21615	Hungar Creek Daybeacon 5	TRLB/STRUCT DEST	12226	085HR	08/15
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
22510	**Pocomoke River Channel Buoy 2**	**MISSING**	**12228**	**082BA**	**08/16**
22535	Pocomoke River Channel Buoy 8	MISSING	12228	059BA	07/16
22630	Upper Pocomoke River Daybeacon 8	TRUB/STRUCT DEST	12228	504BA	41/14

23045	**Big Thorofare Channel Daybeacon 12**	**DAYMK MISSING**	**12228**	**096BA**	**08/16**
23125	**Tyler Creek Channel Daybeacon 1**	**DAYMK DMGD**	**12228**	**097BA**	**08/16**
23410	Goose Creek Channel Daybeacon 6	TRLB/STRUCT DEST	12231	121BA	11/15
24416	**Fishing Bay Lighted Wreck Buoy WR 4A**	**OFF STA**	**12261**	**095BA**	**08/16**
25190	Choptank River Channel Daybeacon 43	STRUCT DEST/HAZ NAV/TRLB	12268	051BA	07/16
25931	Knapps Narrows West Channel Buoy 4	MISSING	12266	NONEBA	04/16
28410	Roanoke Sound Channel Daybeacon 12	TRLB/STRUCT DEST	12204	293NC	21/15
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
28953	**Teaches Hole Channel Lighted Buoy 19**	**MISSING**	**11550**	**081NC**	**08/16**
28960	**Teaches Hole Channel Buoy 22**	**MISSING**	**11550**	**NONENC**	**08/16**
29087	Big Foot Slough Channel Light 14BF	STRUCT DEST/TRLB	11548	080NC	06/16
29130	Lookout Bight Lighted Buoy 4	LT EXT	11545	001NC	01/16
29145	Barden Inlet Buoy 2	OFF STA	11545	038NC	05/16
29160	**Barden Inlet Buoy 4**	**MISSING**	**11545**	**085NC**	**08/16**
29170	**Barden Inlet Buoy 6**	**OFF STA**	**11545**	**077NC**	**08/16**
29185	Barden Inlet Buoy 9	MISSING	11545	017NC	02/16
29190	**Barden Inlet Buoy 10**	**MISSING**	**11545**	**086NC**	**08/16**
29300	Harkers Island East Channel Light 10	TRLB/STRUCT DEST	11545	222NC	16/13
29345	Beaufort Inlet Channel Lighted Buoy 7	REDUCED INT	11547	044NC	06/16
29380	Beaufort Inlet Channel Lighted Gong Buoy 15	OFF STA/LT EXT	11547	535NC	40/15
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
30020	New Topsail Inlet Buoy 7	OFF STA	11541	058NC	07/16
30025	New Topsail Inlet Buoy 8	OFF STA	11541	016NC	02/16
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
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**
32360	Bluff Shoal Light Bl	LT EXT	11548	619NC	47/15
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
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
34775	**Core Sound Light 60**	**DAYMK MISSING**	**11547**	**087NC**	**08/16**
34835	Beaufort Harbor Channel Daybeacon 7	STRUCT DEST/TRUB	11541	062NC	07/16
35310	New Jersey Intracoastal Waterway Daybeacon 80	STRUCT DMGD/TRUB	12324	080DB	04/16
35400	New Jersey Intracoastal Waterway Daybeacon 102	STRUCT DEST/TRLB	12316	034DB	18/15

36055	New Jersey Intracoastal Waterway Daybeacon 277	DAYMK DMGD	12316	039DB	05/16
38430	Core Creek Daybeacon 28	STRUCT DEST/TRUB	11541	012NC	02/16
38440	Russell Slough Junction Light RS	STRUCT DEST/TRLB	11541	021NC	03/16
38677	Money Island Channel Buoy 7	MISSING	11547	053NC	06/16
38825	Peletier Creek Entrance Channel Daybeacon 2	TRUB/STRUCT DEST	11541	502NC	38/15
39350	**New River - Cape Fear River Light 15**	**REDUCED INT**	**11541**	**073NC**	**08/16**
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

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
70	Great Egg Harbor Inlet Outer Lighted Whistle Buoy GE	RELIGHTED	12318	087DB	08/16	08/16
670	Cape Lookout Light	WATCHING PROPERLY	11545	065NC	07/16	08/16
1090	Oyster Creek Channel Buoy 38	WATCHING PROPERLY	12324	082DB	08/16	08/16
1265	Great Egg Harbor Inlet Outer Lighted Whistle Buoy GE	RELIGHTED	12318	087DB	08/16	08/16
1595	Delaware Bay Main Channel Lighted Buoy 27	RELIGHTED	12304	076DB	07/16	08/16
2097	Rehoboth Bay Channel Light 2	RELIGHTED	12216	584DB	44/15	08/16
2220	Channel Crossing Buoy 1	WATCHING PROPERLY	12304	083DB	08/16	08/16
2925	Deepwater Point Range Lighted Bell Buoy 2D	RELIGHTED	12311	073DB	07/16	08/16
4750	Ocean City Inlet Lighted Buoy 10	RELIGHTED	12211	050BA	06/16	08/16
4755	Ocean City Inlet Lighted Buoy 11	RELIGHTED	12211	071HR	08/16	08/16
4830	Isle Of Wight Bay Buoy 5	RESET ON STATION	12211	075BA	08/16	08/16
4840	Isle Of Wight Bay Buoy 7	RELIGHTED	12211	076BA	08/16	08/16
4853	Isle Of Wight Bay Buoy 8	RESET ON STATION	12211	077BA	08/16	08/16
4860.5	Isle of Wight Bay Lighted Buoy 11	RESET ON STATION	12211	079BA	08/16	08/16
5365	Chincoteague Channel Buoy 21	RESET ON STATION	12210	037HR	07/16	08/16
5392	Chincoteague Channel Lighted Buoy 27	RESET ON STATION	12210	035HR	07/16	08/16
6020	Virginia Inside Passage Light 128	WATCHING PROPERLY	12210	NONEHR	08/16	08/16
6030	Virginia Inside Passage Daybeacon 131	DISCONTINUED	12210	209HR	22/13	08/16
6035	Virginia Inside Passage Daybeacon 132	DISCONTINUED	12210	210HR	22/13	08/16
6045	Virginia Inside Passage Daybeacon 136	WATCHING PROPERLY	12210	051HR	07/15	08/16
6050	Virginia Inside Passage Lighted Buoy 137	DISCONTINUED	12210	040HR	05/14	08/16
6660	Wachapreague Channel Lighted Wreck Buoy WR6	RESET ON STATION	12210	049BA	08/16	08/16
7110	Chesapeake Channel Lighted Buoy 14	RELIGHTED	12222	031HR	06/16	08/16
12045	James River Channel Lighted Buoy 46	RELIGHTED	12248	047HR	08/16	08/16
14115	York Spit Swash Channel Daybeacon 5	WATCHING PROPERLY	12238	034HR	07/16	08/16
14755	Piankatank River Light 10	RELIGHTED	12235	041HR	08/16	08/16
19675	Fishing Creek Light 3	WATCHING PROPERLY	12270	049BA	06/16	08/16
20870	Curtis Bay Channel Range Front Light	RELIGHTED	12281	014BA	04/16	08/16
21345	Northwest Harbor Channel Lighted Buoy 7	RELOCATED	12281	065BA	07/16	08/16
22160	Chesconessex Creek Lighted Wreck Buoy WR10	RESET ON STATION	12228	040HR	08/16	08/16
22165	Chesconessex Creek Buoy 11	RESET ON STATION	12228	039HR	08/16	08/16
22525	Pocomoke River Channel Buoy 5	RESET ON STATION	12228	NONEBA	08/16	08/16
22530	Pocomoke River Channel Buoy 7	RESET ON STATION	12228	NONEBA	08/16	08/16
22555	Pocomoke River Channel Buoy 12	RESET ON STATION	12228	NONEBA	08/16	08/16
28028	Oregon Inlet Lighted Buoy 14	RESET ON STATION	12204	050NC	06/16	08/16
28240	Old House Channel Light 4	WATCHING PROPERLY	12204	061NC	07/16	08/16
28845	Rollinson Channel Light 38	RELIGHTED	11555	023NC	03/16	08/16

29070.1	Big Foot Slough Channel Buoy 10B	RESET ON STATION	11550	052NC	06/16	08/16
32115	Far Creek Channel Light 5	RELIGHTED	11555	076NC	08/16	08/16
38731	Causeway Channel Buoy 5A	RESET ON STATION	11547	656NC	51/15	08/16
39223	Bogue Sound - New River Buoy 61A	RELOCATED	11541	067NC	07/16	08/16
39547	New River - Cape Fear River Buoy 99	WATCHING PROPERLY	11541	NONENC	51/15	20/16
40223	Cape Fear River - Little River Buoy 46A	RELOCATED	11534	047NC	06/16	08/16
40225	Cape Fear River - Little River Buoy 47	WATCHING PROPERLY	11534	048NC	06/16	08/16

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
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
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
39621.2	Bradley Creek Light 2	DAYMK DMGD	11541	NONENC	01/16
39621.3	Bradley Creek Daybeacon 3	DAYMK DMGD	11541	NONENC	01/16
	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 Warnimg 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 Artifical 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
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
6030	**Virginia Inside Passage Daybeacon 131**	**DISCONTINUED**	**12210**	062D5	**08/16**
6035	**Virginia Inside Passage Daybeacon 132**	**DISCONTINUED**	**12210**	062D5	**08/16**
6050	**Virginia Inside Passage Lighted Buoy 137**	**DISCONTINUED**	**12210**	062D5	**08/16**
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
12300	**James River Channel Light 74B**	**RELOCATED**	**12251**	060D5	**08/16**
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
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
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
29721	New River Inlet Buoy 10A	DISCONTINUED	11541	491D5	43/14
29723	New River Inlet Buoy 10B	DISCONTINUED	11541	491D5	43/14
29725	New River Inlet Buoy 11	DISCONTINUED	11541	491D5	43/14
29726	New River Inlet Buoy 11A	DISCONTINUED	11541	491D5	43/14
30355	Cape Fear River Entrance Channel Lighted Buoy 9	RELOCATED FOR DREDGING	11534	022D5	03/15
30360	Cape Fear River Entrance Channel Lighted Buoy 10	RELOCATED FOR DREDGING	11534	022D5	03/15
30370	Cape Fear River Entrance Channel Lighted Buoy 11	RELOCATED FOR DREDGING	11534	022D5	03/15
30373	Cape Fear River Entrance Channel Lighted Buoy 13	RELOCATED FOR DREDGING	11534	022D5	03/15
34885	Town Creek Channel Daybeacon 2	TRUB	11547	515D5	41/12
35995	New Jersey Intracoastal Waterway Daybeacon 258	TRUB	12316	227DB	15/15
38825	Peletier Creek Entrance Channel Daybeacon 2	TRUB	11541	493D5	39/15
39223	**Bogue Sound - New River Buoy 61A**	**RELOCATED**	**11541**	056D5	**08/16**
40223	**Cape Fear River - Little River Buoy 46A**	**RELOCATED DUE TO SHOALING**	**11534**	061D5	**08/16**

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
10605	Willoughby Bay Channel Daybeacon 11	LWP	12245	045D5	06/16	08/16
36009	New Jersey Intracoastal Waterway Buoy 263A	LWP	12316	052D5	07/16	08/16

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.

12225 60th Ed. 01-NOV-11 Last LNM: 07/16 NAD 83 08/16

ChartTitle: **Chesapeake Bay Wolf Trap to Smith Point**

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

CGD05

CHANGE Pocomoke Sound Light 2 to Fl R 4s, 15Ft, 4M at (Supercedes LNM 07/16) at 37-43-37.059N 075-54-36.829W

12226 19th Ed. 01-AUG-14 Last LNM: 03/16 NAD 83 08/16

ChartTitle: **Chesapeake Bay Wolf Trap to Pungoteague Creek**

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

CGD05

CHANGE Pocomoke Sound Light 2 to Fl R 4s, 15Ft, 4M at (Supercedes LNM 07/16) at 37-43-37.059N 075-54-36.829W

12228 33rd Ed. 01-OCT-11 Last LNM: 07/16 NAD 83 08/16

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

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

CGD05

CHANGE Pocomoke Sound Light 2 to Fl R 4s, 15Ft, 4M at (Supercedes LNM 07/16) at 37-43-37.059N 075-54-36.829W

12280 11th Ed. 01-FEB-14 Last LNM: 05/16 NAD 83 08/16

ChartTitle: **Chesapeake Bay**

CHART MD - VA - CHESAPEAKE BAY. Page/Side: N/A

CGD05

CHANGE Pocomoke Sound Light 2 to Fl R 4s, 15Ft, 4M at (Supercedes LNM 07/16) at 37-43-37.059N 075-54-36.829W

12281 55th Ed. 01-MAY-14 Last LNM: 07/16 NAD 83 08/16

ChartTitle: **Baltimore Harbor**

Main Panel 640 BALTIMORE HARBOR. Page/Side: A

CGD05

RELOCATE Northwest Harbor Channel Lighted Buoy 7 from 39-16-04.386N 076-34-35.375W
to 39-16-04.470N 076-34-36.644W

12312 56th Ed. 01-MAY-12 Last LNM: 04/16 NAD 83 08/16

ChartTitle: **Delaware River Wilmington to Philadelphia**

Main Panel 669 DELAWARE RIVER WILMINGTON TO PHILADELPHIA. Page/Side: N/A

DELETE	Obstruction in Feet; 32 Obstn Chart No. 1: K41 (NOS NW-25557)	NOS 39-48-15.070N	075-25-02.260W
DELETE	Pipeline Area A PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-25557)	NOS 39-48-22.890N	075-25-11.960W
DELETE	Pipeline Area A PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-25557)	NOS 39-47-39.900N	075-24-25.860W
ADD	Obstruction in Feet; 41 Obstn Chart No. 1: K41 (NOS NW-25557)	NOS 39-48-15.070N	075-25-02.260W
ADD	Pipeline Area B PT 1 OF 2; Chart No. 1: L40.2 (NOS NW-25557)	NOS 39-48-25.600N	075-25-06.760W
ADD	Pipeline Area B PT 2 OF 2; Chart No. 1: L40.2 (NOS NW-25557)	NOS 39-47-42.190N	075-24-20.260W

12316 **35th Ed.** **01-OCT-12** **Last LNM: 05/16** **NAD 83** **08/16**

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

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

RELOCATE	New Jersey Intracoastal Waterway Buoy 263A	CGD05 from 39-16-41.340N	074-36-07.500W
		to 39-16-41.036N	074-36-08.468W

OIL RIG MOVEMENT

Drill Rigs/Vessels Removed

Latitude	Longitude	Block	Rigs/Vessel	Chart	Type	Status
None						

Drill Rigs/Vessels Established

Latitude	Longitude	Block	Rigs/Vessel	Chart	Type	Status
None						

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)

DE/NJ- LOWER DELAWARE BAY-TANKER ANCHORAGE-CHANGE TO AIDS TO NAVIGATION - UPDATED

On or about 26 February 2016, the Coast Guard will make the below listed changes to aids to navigation in the Lower Delaware Bay/Tanker Anchorage:
- Tanker Anchorage LB D (LLNR 2195) -change to Tanker Anchorage Buoy D, Unlighted Yellow Can
- Tanker Anchorage Buoy G (LLNR 2210)-change to Tanker Anchorage Lighted Buoy G, Yellow Lighted Buoy, FL Y 6s.

Chart 12304 LNM: 02/16

DE/NJ- LOWER DELAWARE BAY-BOMBAY POINT HOOK SHOAL - CHANGE TO AIDS TO NAVIGATION - UPDATED

On or about 26 February 2016, the Coast Guard will make the below listed changes to aids to navigation in the Lower Delaware Bay:
- Bombay Point Hook Shoal Buoy 5 (LLNR 2245) will be renumber to Bombay Point Hook Shoal Buoy 1.

Chart 12304 LNM: 02/16

DE/NJ- DELAWARE MAIN CHANNEL – LISTON RANGE REACH - CHANGE TO AIDS TO NAVIGATION - UPDATED

On or about 26 February 2016, the Coast Guard will make the below listed changes to aids to navigation in the Delaware Main Channel, Liston Range Reach:
-Liston Range Lighted Buoy 4L (LLNR 2455) – will be renamed/renumbered to Delaware Bay Main Channel Lighted Buoy 44.
-Liston Range Lighted Buoy 6L (LLNR 2460) – will be renamed/renumbered to Delaware Bay Main Channel Lighted Buoy 46.
-Liston Range Lighted Buoy 8L (LLNR 2470) – will be renamed/renumbered to Delaware Bay Main Channel Lighted Buoy 48.
-Liston Range Lighted Buoy 7L (LLNR 2465) – will be relocate to approximate position 39-26-19.580N 075-32-35.640W and changed to Delaware Bay Main Channel Lighted Buoy 49.
-Liston Range Buoy 10L (LLNR 2480) – will be discontinue.

Charts: 12304 12311 LNM: 02/16

DE/NJ- DELAWARE RIVER – BAKER RANGE REACH - CHANGE TO AIDS TO NAVIGATION - UPDATED

On or about 26 February 2016, the Coast Guard will make the below listed changes to aids to navigation in the Delaware River, Baker Range Reach:
-Baker Range Lighted Buoy 1B (LLNR 2485) – Will be renamed/renumbered to Delaware River Lighted Buoy 1DR.
-Baker Range Light 2B (LLNR 2490) – Will be renamed/renumbered to Delaware River Light 2.
-Baker Range Lighted Buoy 3B (LLNR 2515) – Will be renamed/renumbered to Delaware River Lighted Buoy 3.
-Baker Range Lighted Buoy 4B (LLNR 2520) – Will be renamed/renumbered to Delaware River Lighted Buoy 4.
Chart 12311 LNM: 02/16

DE/NJ- DELAWARE RIVER – REEDY ISLAND RANGE REACH - CHANGE TO AIDS TO NAVIGATION - UPDATED

On or about 26 February 2016, the Coast Guard will make the below listed changes to aids to navigation in the Delaware River, Baker Range Reach:
-Reedy Island Range Buoy 1R (LLNR 2570) – Will be renamed/renumbered to Delaware River Buoy 5.
-Reedy Island Range Lighted Buoy 2R (LLNR 2575) – Will be renamed/renumbered to Delaware River Lighted Buoy 6.
-Reedy Island Range Buoy 4R (LLNR 2595) – Will be renamed/renumbered to Delaware River Lighted Buoy 8, change aid to Lighted Buoy, and relocated to 39-30-35.730N 075-33-08.090.
-Reedy Island Range Lighted Buoy 5R (LLNR 2620) - Will be renamed/renumbered to Delaware River Lighted Buoy 9, and relocated to position 39-31-01.580N 075-33-11.690W.
-Reedy Island Range Lighted Wreck Buoy WR10 (LLNR 2635) – Will be renamed/renumbered to Delaware River Lighted Wreck Buoy WR10.
-Reedy Island Range Buoy 3R (LLNR 2600) – Discontinue
-Reedy Island Range Buoy 6R (LLNR 2625) - Discontinue.
Chart 12311 LNM: 02/16

VA – QUEENS CREEK – AIDS TO NAVIGATION CHANGES

On or about February 27, 2016 the Coast Guard will begin remarking Queens Creek. This remarking project is projected to be completed March 7, 2016. The follow changes will occur:
Queens Creek Warning Daybeacon A will be changed to Queens Creek Light 1 (LLNR 14815) with a flashing 2.5 second light.
Queens Creek Warning Light will be removed/discontinued and Queens Creek Buoy 2 (LLNR 14820) will be established in position: 37 29 23.680N 76 19 16.440W.
Queens Creek Buoy 3 (LLNR 14835) will be established in position: 37 29 18.160N 76 19 21.260W.
Queens Creek Warning Daybeacon B will be removed/discontinued.
Queens Creek Warning Daybeacon C will be removed/discontinued.
Queens Creek Lighted Buoy 5 (LLNR 14840) will be established in position:
37 29 13.790N 76 19 26.350W with a flashing 4 second light.
Queens Creek Buoy 6 (LLNR 14845) will be established in position: 37 29 14.230N 76 19 29.030W.
Queens Creek Buoy 8 (LLNR 14850) will be established in position: 37 29 14.380N—76 19 40.030W.
Queens Creek Warning Daybeacon E will be removed/discontinued.
Queens Creek Warning Daybeacon D will be renumber/renamed to Queens Creek Daybeacon 9 (LLNR 14855).
Queens Creek Warning Daybeacon F will be removed/discontinued.
Queens Creek Buoy 10 (LLNR 14860) will be established in position: 37 29 12.420N—76 19 54.580W.
Queens Creek Warning Daybeacon G will be renumbered/renamed to Queens Creek Daybeacon 11 (LLNR 14870).
Queens Creek Warning Daybeacon H will be renumbered/renamed to Queens Creek Daybeacon 12 (LLNR 14875).
Charts Affected: 12235
Chart 12235 LNM: 08/16

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

COAST GUARD POLICY ON NOTIFICATION OF PROPOSED CHANGES

Periodically, the Coast Guard, evaluates the system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard, the Coast Guard is evaluating changes in aids to navigation as noted in the below articles. Users can provide feedback by filling out the District 5 Waterway Proposals data/feedback form, located at the NAVCEN D5 LNM website:
http://www.navcen.uscg.gov/pdf/lnms/D05%20LNM%202015%20Special%20Notice_Waterway_Proposal%20Feedback%20Form.pdf
This section also includes Public Notices for proposed changes to the bridges within the Fifth Coast Guard with a request for comments as indicated.

LNM: 41/11

MD – APPROACHES TO BALTIMORE HARBOR – FAIRLEE CREEK – AIDS TO NAVIGATION CHANGE

The Coast Guard is proposing to change the flash characteristic of Fairlee Creek Light 2F (LL 27405) to a flashing 2.5s light.
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at
http://www.navcen.uscg.gov/pdf/lnms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.
All comments will be carefully considered and are requested prior to March 21, 2016 to be considered in the analysis. Please reference project 05-16-046(D).
Send comments to Albert.L.Grimes@uscg.mil or CGD5Waterways@uscg.mil, or mailed to:
U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes

Charts: 12273 12278 LNM: 07/16

MD – CHOPTANK RIVER AND HERRING BAY – AIDS TO NAVIGATION CHANGE

The Coast Guard is proposing to change the flash characteristic of Rose Haven Light 1 (LL 19335) to a flashing 2.5s light.
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at
http://www.navcen.uscg.gov/pdf/lnms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.
All comments will be carefully considered and are requested prior to March 21, 2016 to be considered in the analysis. Please reference project 05-16-044(D).
Send comments to Albert.L.Grimes@uscg.mil or CGD5Waterways@uscg.mil, or mailed to:
U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes

Charts: 12263 12266 12270 LNM: 07/16

VA/MD – PINEY POINT TO LOWER CEDAR POINT – WICOMICO RIVER – AIDS TO NAVIGATION CHANGE

The Coast Guard is proposing reducing the operational range of Wicomico River Entrance Light 1W (LL 17255) from 4 NM to 3NM this change will provide a nominal range of four nautical miles. Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at:
http://www.navcen.uscg.gov/pdf/lnms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.
All comments will be carefully considered and are requested prior to February 30, 2016 to be considered in the analysis. Refer to Project 05-16-040(D).
Send comments to Albert.L.Grimes@uscg.mil or CGD5Waterways@uscg.mil, or mailed to:
U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes

Charts: 12285 12286 LNM: 05/16

VA/MD – POTOMAC RIVER – AIDS TO NAVIGATION CHANGE

Upgrades to the aids to navigation system since the establishment of Whitestone Point Light (LLNR 18375) have reduced its necessity to be maintained as an aid to navigation; as well as, deterioration of the structure and foundation. Based on this information the Coast Guard is soliciting comments on discontinuing Whitestone Point Light.
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the
U. S. Coast Guard Fifth District Waterway Data Sheet, available online at
http://www.navcen.uscg.gov/pdf/lnms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.
All comments will be carefully considered and are requested prior to March 15, 2016 to be considered in the analysis. Please refer to project 05-16-041(D).
Send comments: CGD5Waterways@uscg.mil or Albert.L.Grimes@uscg.mil, or mailed to
U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes

Charts: 12285 12289 LNM: 05/16

VA – CHESAPEAKE BAY – THIMBLE SHOAL CHANNEL – AIDS TO NAVIGATION CHANGE

Due to failure of the existing light on Thimble Shoal Light the Coast Guard is soliciting comments on modernizing the light equipment to replace Thimble Shoal Light (LLNR 9310). The light equipment will change from a rotating incandescent lamp optic to a flashing Light Emitting Diode optic. The flash characteristic will remain Fl W 10s. The new LED optic will an operation range of 6NM providing a nominal range of 9NM.
Interested Mariners and other stakeholders are strongly encouraged to comment on the potential impacts this proposal would have on navigational safety. You may provide feedback using the U. S. Coast Guard Fifth District Waterway Data Sheet, available online at http://www.navcen.uscg.gov/pdf/lnms/D5_LNM_2014_Special_Notice_Waterway_Proposal_Feedback_Form.pdf.
All comments will be carefully considered and are requested prior to February 29, 2016 to be considered in the analysis.
Send comments: CGD5Waterways@uscg.mil or Albert.L.Grimes@uscg.mil, or mailed to
U.S. Coast Guard Fifth District
Waterways Management (dpw)
431 Crawford Street, Room 100
Portsmouth, VA 23704
Attn: Albert Grimes

Charts: 12221 12222 12245 12254 12256 LNM: 05/16

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 pick up truck to slightly submerged steel pipes thirty feet in length, both of which have submerged cable extending well beyond the visible portion of the towed device. The Aircraft Commanders have been directed to exercise every effort to conflict and avoid surface vessels.

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

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

Charts: 12200 12205 12221 12222 12245 12254 LNM: 01/16

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

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

Chart 12241 LNM: 01/16

VA - 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

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

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 - 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

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.ON 075-34.7W.
AREA B: 36-29.0N 075-31.8W, 36-29.0N 075-35.5W, 36-26.0N 075-35.5W, 36-26.0N 075-31.8W.
AREA C: 36-29.0N 075-20.8W, 36-29.0N 075-24.5W, 36-26.0N 075-24.5W, 36-29.0N 075-20.8W.
AREA D: 36-46.5N 075-47.8W, 36-46.5N 075-46.5W, 36-47.5N 075-46.5W, 36-47.5N 075-47.8W.
Each area contains inert bottom and moored training mines that pose a potential hazard to dredging operations and trawler nets. All moored mines 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:

NC - NEW RIVER - FIRING EXERCISES

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

LNM: 01/16

PA – ENBRIDGE – EDDYSTONE – DELAWARE RIVER - PILE DRIVING OPERATIONS

Atlantic Subsea Inc will begin pile driving operations for a fendering system attached to the pier at Exelon Eddystone, PA complex. The crance barge BETSY, along with a land truck crane GROVE GMK 5150B will on onscen from 7:00 am until 3:30 pm Monday through Friday. Operations are expected to be completed on or about 15 March, 2016. Point of Contact for the project is Ajay A. Talwar (856) 241-3544 ext 14.

Chart 12312 LNM: 08/16

PA – NJ – DELAWARE RIVER - ROCK BLASTING AND ROCK REMOVAL OPERARTIONS – SAFETY ZONE

The Coast Guard will be enforcing a safety zone within the waters of the Delaware River, from Marcus Hook, Pennsylvania north to Eddystone, Pennsylvania, beginning December 04, 2015 until March 15, 2016. The safety zone will cover all navigable waters in the Delaware River within 500 yards of vessels and machinery conducting rock blasting, dredging, and rock removal operations. This zone is intended to protect personnel, vessels, and the marine environment in these navigable waters while operations are being conducted. Entry into, transiting, or anchoring within the safety zone is prohibited unless authorized by the Captain of the Port (COTP), Delaware Bay, or his designated representative.
One side of the Delaware River main navigational channel will be closed in locations spanning from Marcus Hook, Pennsylvania to Eddystone, Pennsylvania, in the vicinity of the rock blasting, rock removal, and dredging operation, for the duration of the project. Vessels wishing to transit the safety zone in the main navigational channel may do so if they can make satisfactory passing arrangements with the drill boat APACHE, dredge TEXAS, or dredge NEW YORK, in accordance with the Navigational Rules in 33 Code of Federal Regulations Subchapter E via VHF-FM Channel 13 at least 30 minutes prior to arrival. If vessels are unable to make satisfactory passing arrangements with the drill boat APACHE, dredge TEXAS, or dredge NEW YORK, they may request permission from the COTP or his designated representative on VHF-FM channel 16. All vessels must operate at the minimum safe speed necessary to maintain steerage and reduce wake.
During this project rock blasting will be conducted, via explosive detonations, by the drill boat APACHE at approximately 9 am and 4 pm, daily. No vessels may transit through the safety zone during times of explosives detonation. During rock blasting operations, vessels will be required to maintain a 500 yard distance from the drill boat APACHE. The drill boat APACHE will make broadcasts, via VHF-FM Channel 13 and 16, at 15 minutes, 5 minutes, and 1 minute prior to detonation, as well as a countdown to detonation via VHF-FM 16. After every explosive detonation a survey will be conducted to ensure the navigational channel is clear for vessels to transit. The drill boat APACHE will make broadcasts, via VHF-FM channel 13 and 16, confirming when the channel is clear to transit. Vessels requesting to transit through the safety zone shall proceed as directed by the designated representative of the Captain of the Port and shall contact the drill boat APACHE on VHF-FM channel 13 for safe passing information.
If you have any questions regarding the contents of this bulletin, please contact the Waterways Management staff at (215) 271-4814 or the Situation Unit Controller at (215) 271-4807

Chart 12312 LNM: 05/16

PA – DELAWARE RIVER – CRITICAL LIFT OPERATIONS

Mariners are advised that the crane barge SAMSON will be conducting critical lift operations in the Delware River, in Marcus Hook, PA from Februrary until 30 June, 2017. The crane barge may be contacted on VHF Channels 13 & 16, with critical lifts being conducted from 6:00 am to 4:00 pm Monday through Saturday for the duration of the project. Mariners are requested to maintain bare steerageway while passing the Sunoco Logistics Marcus Hook Facility.

PA – DELAWARE RIVER – CRITICAL LIFT OPERATIONS

Chart 12312 LNM: 08/16

NJ/PA – UPPER DELAWARE - DELAWARE RIVER

Mariners should take caution when approaching the Burlington-Bristol (vertical-lift) Bridge on Route 413, at mile 117.8, across the Delaware River, between Burlington NJ and Bristol PA. As 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 weekend period will be Friday April 8, 2016 at 6 a.m. through Monday April 11, 2016 at 6:00 a.m. At all other times, the drawbridge will operate in accordance with the operating regulations set out in Title 33 Code of Federal Regulations Parts 117.5 and 117.716(b). The bridge will have 61 feet of vertical clearance in the closed position. A safety boat may be in the vicinity.

Chart 12314 LNM: 07/16

NJ – DELAWARE RIVER – MANTUA CREEK

Mariners are advised that construction on the new tower span vertical-lift drawbridge is on-going. Work on the remote operating system will continue throughout March, 2016. The new bridge has 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. Charts 12313, 12312

Charts: 12312 12313 LNM: 07/16

NJ – POINT PLEASANT CANAL – BULKHEAD REPAIR WORK

Mariners are advised that bulkhead repair work continues on in the Point Pleasant Canal, in the vicinity of Route 88 Bridge, until March 19, 2016. The work barge is located under the bridge and causes the passage way to be narrow. The barge is secured by cables that are marked with lighted buoys. Mariners are requested to transit at low speed to reduce wake and use extreme caution when transiting the area.

Chart 12324 LNM: 08/16

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

Mariners are advised that demolition work is in progress at the Route 50/State Highway Bridge, at mile 8.0, across Tuckahoe River between Corbin City and Upper Township NJ. The demolition work will include removal of the fender system, operator house and the concrete encasement of the west girder across the north and south spans from 7:00 a.m. to 3:30 p.m., March 1, 2016 through June 30, 2016, Monday through Friday. Mariners should adjust their transits accordingly.

Chart 12318 LNM: 06/16

NJ – INTRACOASTAL WATERWAY – SANDY HOOK TO LITTLE EGG HARBOR – BARNEGAT BAY - BRIDGE MAINTENANCE

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. 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.

Chart 12324 LNM: 08/16

DE – NANTICOKE RIVER – BROAD CREEK

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

Chart 12261 LNM: 06/16

DE/MD/VA – FENWICK ISLAND TO CHINCOTEAGUE INLET; OCEAN CITY INLET BRIDGE INSPECTION - UPDATED

Mariners are advised that an engineering firm, on behalf of the Maryland Department of Transportation State Highway Administration, will be performing inspections at the US50 Bridge (Ocean Gateway) across the Sinepuxent Bay, at mile 0.5, at Ocean City, MD. The inspections will be conducted from February 22, 2016 through March 18, 2016; from 8 a.m. to 4 p.m. The structural portion of the inspection will be performed from the bridge deck with an under-bridge inspection vehicle and the mechanical and electrical portions of the inspection will include multiple openings of the moveable span. Inspection personnel and equipment will be in close proximity to the navigable channel during the inspections and will relocate from the moveable span and navigation channel upon request for passage from vessels navigating the waterway. Mariners should use caution when transiting the area.

Chart 12284 LNM: 07/16

MD – BALTIMORE HARBOR – FT MCHENRY – SEAGIRT – BREWERTON EASTERN EXTENSION – CRAIGHILL CHANNELS – DREDGING

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. Assist Tugs GULF DAWN, INDIAN DAWN, DISCOVERY COAST, CHESAPEAKE COAST, AMY HERBERT, LUCKY D will be onscene. Crew Boats MIAMI RIVER, NORTH POINT and C-GIRLS will also assist with tug Scows 63, 64, 65, 66. Hours of operations will be 7 days a week, 24 hours a day with a completion date expected on or about 12 July, 2016. All vessels will monitor VHF Channels, 05, 13, and 14. Mariners are advised to use caution while transiting these waterways. 12280

Chart 12280 LNM: 08/16

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – SINEPUXENT BAY – SHOALING

Shoaling has been reported near Sinepuxent Bay Channel Daybeacon 11B (LLNR 5050). Shoaling encroaches approximately 20 yards into the

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – SINEPUXENT BAY – SHOALING

channel at southwesterly direction from Sinepuxent Bay Channel Daybeacon 11B. Water depths have been reported to be as low as 2.5 feet during low tide.

Shoaling has been reported between Sinepuxent Channel Light 8 (LLNR 5020) and Sinepuxent Channel Daybeacon 10 (LLNR 5035). The shoaling encroaches approximately 15 yards into the channel in an easterly direction with water depths reported to be as low as 2 feet during low tide. Shoaling has also been reported between Sinepuxent Channel Buoy 33 (LLNR 5130) and Sinepuxent Channel Daybeacon 35 (5135) on the easter side of the channel with water depths reported to be as low 3 feet during low tide. Mariners are urged to use extreme caution when transiting the area.

Chart 12211 LNM: 06/15

MD – FENWICK ISLAND TO CHINCOTEAGUE INLET – OCEAN CITY INLET – SHOALING

Mariners are advised that shoaling has been reported in Ocean City to depths less than 6 feet in the vicinity of Buoys 11 (LLNR 4755) and 12 (LLNR 4757). All mariners are urged to use caution while transiting this waterway.

Chart 12211 LNM: 08/16

MD – CHESAPEAKE BAY; CHESTER RIVER - BRIDGE MAINTENANCE

Mariners are advised that an engineering firm, on behalf of the Maryland Department of Transportation State Highway Administration, will be performing a bridge stringer replacement project at the S213 (MD213) Bridge across the Chester River, river mile 26.8, at Chestertown, MD. 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. 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.

Chart 12272 LNM: 07/16

VA/MD-WASH DC-POTOMAC RIVER - BRIDGE MAINTENANCE

Mariners are advised that an engineering firm, on behalf of CSX Railroad, will be performing yearlong maintenance on the Washington, DC Long Bridge, at mile 109.8, across the Potomac River. This work will be performed 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.

Chart 12289 LNM: 07/16

VA – QUEENS CREEK – AIDS TO NAVIGATION CONSTRUCTION OPERATIONS

On or about February 27, 2016 the Coast Guard will begin remarking Queens Creek. This remarking project is projected to be completed March 7, 2016. Mariners should expect diving operations along with Coast Guard Construction Tender operations to take place at various times and dates to remove existing fixed pile structures to during the remarking of this particular waterway. Mariners should exercise caution while transiting the waterway. A list of the changes is published in ADVANCE NOTICES (Section V) of this Local Notice to Mariners.

Chart 12235 LNM: 08/16

VA – CHESAPEAKE BAY – POCOMOKE AND TANGIER SOUNDS – TEMPORARY RESEARCH AND WARNING BUOYS

On or about February 18, 2016, Murtech Marine will be establishing a series of temporary research buoys north of the Tangier North Channel in the vicinity of 037°49.932 N, 076°00.233 W to 037°49.945 N , 076°00.046 W. Mariners are cautioned to stay clear of this area. Lighted Danger buoys have been deployed marking the research area. The buoys will be discontinued on or about March 31, 2016. Concerned traffic may call 410-766-5335 x3002 for more information.

Tangier North Channel Temporary Warning Buoy A 37-49-56N, 076-00-01W Fl W 3s
Tangier North Channel Temporary Warning Buoy B 37-49-56N, 076-00-14W Fl W 3s

Chart 12228 LNM: 07/16

VA – JAMES RIVER – JAMES RIVER BRIDGE – TEMPORARY MOORING BUOYS

On or about February 12, Coastal Design and Construction, Inc. will be establishing three mooring buoys on the James River, upstream of the James River Bridge on the east side of the channel to support shoreline restoration operations. The buoys are white with a blue band. Mooring Buoy A, is located half a mile northwest of the James River Bridge and 200 yards northeast of the marked waterway, and will be lighted with a slow flashing white light. The buoys will remain onscene until 10 April, 2016.

James River Bridge Temporary Mooring Buoy A 38-54-26.7N, 076-28-17.0W Fl W 6s
James River Bridge Temporary Mooring Buoy B 38-54-26.7N, 076-28-20.9W
James River Bridge Temporary Mooring Buoy C 38-54-31.2N, 076-28-20.4W
Charts Affected: 12248

Chart 12248 LNM: 06/16

VA – CHESAPEAKE BAY – NEWPORT NEWS MIDDLE GROUND – ANCHORAGE J

Mariners are advised that Vane Brothers will be conducting dive and salvage operations near the Newport News Middle Ground in Anchorage "J" for recovery of a lost anchor. The salvage vessel PARKER, will be onscene with divers over the side with operations taking place 8:00 am until 5:00pm. The vessel PARKER will be monitoring VHF Channels 13 & 16. Mariners are advised to use caution while transiting the area.

Chart 12245 LNM: 08/16

NORTH CAROLINA – GALLANTS CHANNEL - BRIDGE CONSTRUCTION

Mariners are advised to take caution and proceed slowly when approaching the construction site of the new U.S. Highway 70 Gallant's Channel Fixed Bridge across Gallants Channel in Beaufort, North Carolina. To help facilitate the process of girder raising from February 22, 2016 to March 01, 2016, several barges and cranes will be placed in the navigable channel closing off access to the channel at the construction site. Mariners are

NORTH CAROLINA – GALLANTS CHANNEL - BRIDGE CONSTRUCTION

recommended to use existing alternate routes noted on chart 11541 until construction is completed. The onsite work supervisor and safety vessel can be contacted on VHF-FM channels 13 or 16 and by phone at (732) 520-5000 for any questions. Mariners are urged to transit the area with caution at slow no wake speeds.

Chart 11541 LNM: 08/16

NC – DREDGING OPERATIONS IN THE VICINITYOF THE NEW RIVER/AICWW – SNEADS FERRY NC- DREDGING

Mariners are advised that the contractor, Marion & Cottrell, will be conducting dredging operations in the vicinity of the New River and AICWW intersection to Cedar Bush Cut Channel. The vessels MARION, SAXON, and BLACKHAWK will be operating on a twenty-four hour a day, seven days a week schedule until approximately April 30th , 2016. A floating pipeline will be located from the dredging operation, following the South side of the channel to the disposal area along the northern 1 mile, oceanfront section of North Topsail Beach. The equipment staging area for the operation will be on the South side of the channel, between the AICWW and Cedar Bush Cut. Mariners are urged to use caution and are requested to pass at a safe distance away from the dredge, attending equipment, work boats, pipeline and buoys. The dredging vessels can be contacted VHF radio channels 13 & 16. CHART# 11541

Chart 11541 LNM: 08/16

NC - AIWW - SNOWS CUT - CAROLINA BEACAH, NC - HAZARD TO NAVIGATION

The Coast Guard has received a report of an overturned 40 ft vessel along the shore in snows cut in the vicinity of buoy 162, outside of the federal channel. Mariners are urged to use caution when transiting the area.

Chart 11534 LNM: 08/16

NC/SC - INTRACOASTAL WATERWAY MYRTLE GROVE SOUND & CAPE FEAR RIVER TO CASINO CREEK

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 February 26, 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.

Chart 11534 LNM: 06/16

NC – CAPE FEAR RIVER - BRIDGE OPENING RESTRICTIONS

Mariners are advised that the US 17 Cape Fear Memorial Bridge, at mile 26.8, across the Cape Fear River, at Wilmington, NC will require one hour advanced notice to request an opening for any transits scheduled during 9:00 a.m. through 4:00 p.m. on March 7-10 and during the same hours March 14-17. Any vessel that requires vertical clearance of greater than 45 feet (at Mean High Water) to transit under the bridge but less than 65 feet (at Mean High Water) is required to provide 30 minutes advanced notice so that inspection equipment can be removed. The bridge monitors VHF channels 13 and 16. The phone number to contact the bridge is (910) 251-5773. At all other times, the drawbridge will operate in accordance with the regulations set out in 33 CFR 117.822. Mariners able to pass under the bridge in the closed position may do so at any time, should adjust their transits accordingly and use extreme caution when transiting the area.

Chart 11537 LNM: 08/16

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	
21345	*Northwest Harbor Channel Lighted Buoy 7*	39-16-04.470N 076-34-36.644W	Q G		4	Green.		08/16
36009	New Jersey Intracoastal Waterway Buoy 263A	* 39-16-41.036N 074-36-08.468W *				Green can with yellow square.	Maintained year round.	08/16

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***
  Oregon Inlet – Bonner (fixed) Bridge – Bridge Permit transmitted to NCDOT on August 12, 2015. Pre-construction meeting held on December 9, 2015 at Coastal Studies Institute; 850 NC-345, Wanchese, NC 27981.

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.

- ***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 April 15, 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.

***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.

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.

SECTOR HAMPTON ROADS

- ***Virginia (Southern)***

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

  James River – James River Bridge (US 17 and VA 258) - Mariners are advised that an engineering firm, on behalf of the Virginia Department of Transportation, will be performing maintenance and repairs to the aerial electrical cable connecting the north tower to the south tower at the James River Bridge (US 17 and VA 258) across the James River, river mile 5.0, between Isle of Wight and Newport News, VA. The bridge will be maintained in the closed-to-navigation position between 5 a.m. and 7 p.m. from February 7, 2016 until February 14, 2016. During closure periods the bridge will not be able to open for emergencies and a 55-foot by 150-foot crane barge will be positioned alongside the bridge at various locations within the main navigation span of the bridge with the centerline of the barge perpendicular to the bridge. The vertical clearance of the bridge in the closed position is 60 feet above mean high water. The horizontal clearance of the main navigation span of the bridge with the crane barge alongside the bridge will vary from approximately 145 feet to 290 feet. Vessels able to safely pass through the bridge in the closed position with the crane barge positioned alongside the bridge may do so at anytime. Vessels planning to transit through the bridge in the closed position with the crane barge positioned alongside the bridge shall contact the bridge tender to request information concerning the position of the crane barge to ensure safe passage. Vessels able to safely pass through the bridge in the closed position that require the crane barge to clear the main navigation span of the bridge shall provide at least 2 hours advance notice to the bridge tender. Vessels unable to pass through the bridge in the closed position with the crane barge positioned alongside the bridge should adjust their voyage plans, when possible, to transit through the bridge between 7 p.m. to 5 a.m. from February 7, 2016 until February 14, 2016. The bridge will operate in accordance with 33 CFR 117.5 between 7 p.m. to 5 a.m. from February 7, 2016 until February 14, 2016. Mariners should use extreme caution when transiting the area.

  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.

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.

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 **February 26, 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/NJ - Delaware River - Sturgeon Trawling Operations (Chart 12312)
Mariners are advised that F/V AMY MARINE conducting trawling operations to capture and relocate sturgeon at various locations within the Marcus Hook, Chester, Eddystone, and Tinicum Ranges of the Delaware River main navigation channel ending on or about **March 15, 2016**. Ref LNM 49/15

PA/NJ – Delaware River - Rock Blasting And Rock Removal Operartions – Safety Zone (Chart 12312)
The Coast Guard will be enforcing a safety zone within the waters of the Delaware River, from Marcus Hook, Pennsylvania north to Eddystone, Pennsylvania, beginning December 04, 2015 until **March 15, 2016**. The safety zone will cover all navigable waters in the Delaware River within 500 yards of vessels and machinery conducting rock blasting, dredging, and rock removal operations. 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 Delware River, in Marcus Hook, PA from Februrary 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 – Cooper River Dredging (Chart 12313)
Mariners are advised that dredging operations continue in the Cooper River, near Camden, NJ until **14 March, 2016**. Ref LNM 05/16

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 – Grassy Sound Channel – Dredging (Chart 12316)
Mariners are advised that legacy dredging will continue in the Grassy Sound Channel, in the vicinity Of Lighthouse Point Marina, Cape May County, until **March 15, 2016**. Ref LNM 05/16

NJ – Porpoise Lagoon – Avalon – Dredging (Chart 12316)
Mariners are advised that Mobile Dredging & Pumping Co. Will be performing maintenance dredging in accordance with the Avalon Back Bay dredging contract, in Avalon, NJ, beginning on February 5, 2016 and continuing through **March 15**. Ref LNM 05/16

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 – New Jersey Intracoastal Waterway (NJICW) – Avalon – Dredging (Chart 12316)
Mariners are advised that Barnegat Bay Dredging; dredge FULLERTON will be conducting dredging operations in Avalon, NJ in the NJICW, between channel marker Buoy 386 and 399, from December 2, 2015 to **March 15, 2016**. Ref LNM 49/15

NJ – Point Pleasant Canal – Bulkhead Repair Work (Chart 12324)
Mariners are advised that bulkhead repair work continues on in the Point Pleasant Canal, in the vicinity of Route 88 Bridge, until **March 19, 2016**. Ref LNM 08/16

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 - Intracoastal Waterway (ICW) – Manasquan River To Cape May Canal – Manahawkin Bay – Bridge Construction (Chart 12324)
Mariners are advised that construction work by Schiavone Construction Company will continue from December, 2015 through **February 2016** in the vicinity of the existing and new Route 72 Bridges over Manahawkin Bay, at NJICW mile 37.4, in Ship Bottom, Ocean County, NJ. Ref LNM 49/15

DE/NJ – Delaware Bay - Dredging
Mariners are advised that Weeks Marine vessels B.E. LINDHOLM and R.N. WEEKS are currently conducting dredging operations in Delaware Bay, near Lewes, DE until **April, 2016**. Ref LNM 21/15, LNM 45/15

DE – Delaware Bay – Prime Hook – Dredging Operations (Chart 12304)
Mariners are advised that the dredge CHARLESTON will be conducting dredging operations in Delaware River, in Prime Hook, Delaware from September 25, 2015 until **15 March, 2016**. Ref LNM 38/15

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

NJ/PA – Delaware River – Upper Delaware – Rancocas Creek – Emergency Drawbridge Repairs (Chart 12314)
Mariners are advised that the SR#38 Swing Bridge (Centerton Bridge CR 635), at mile 7.8, across Rancocas Creek, in Centerton, NJ will be closed to vessels requiring an opening **until further notice**. Ref LNM 19/15

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. Assist Tugs GULF DAWN, INDIAN DAWN, DISCOVERY COAST, CHESAPEAKE COAST, AMY HERBERT, LUCKY D will be onscene. Crew Boats MIAMI RIVER, NORTH POINT and C-GIRLS will also assist with tug Scows 63, 64, 65, 66, 701, 702. Hours of operations will be 7 days a week, 24 hours a day 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 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 - Eastern Bay And South River - Wye River
Marine construction operations are scheduled to occur in the Wye East River from 08 Jan 2016 **to 28 Feb 2016** during daylight hours. The stone revetment project is located along the southern shoreline in approx posit 38-52-51.4N, 076-08-15.2W and will include work boats and material barges on site. Mariners may contact the central marine construction vessel PUSHERMAN via marine band radio VHF-FM Channels 16 and 13. 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 – Jamestown Island To Jordan Point – Dredging (Chart 12251)
Cottrell Contracting Corporation of Chesapeake VA, advises the dredge MARION will be conducting dredging operations within James River between James River Channel Lighted Buoy 57 (LLNR 12200) and James River Channel Lighted Buoy 66 (LLNR 12250) through **25 February, 2016**. Ref LNM 51/15

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 – Lynnhaven Inlet – Crab Creek – Dredging Operations (Chart 12254)
Mariners are advised the dredging operations by Salmons, Inc dredge barge is currently being conducted during daylight hours Monday through Saturday in Crab Creek Channel, Virginia Beach, VA until **28 February, 2016.** Concerned mariners may contact Ronald J. Hurwitz at (757) 426-6824.

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 Hyrdrographic 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

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 - 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

SUMMARY OF D5 MARINE EVENTS/FIREWORKS DISPLAYS

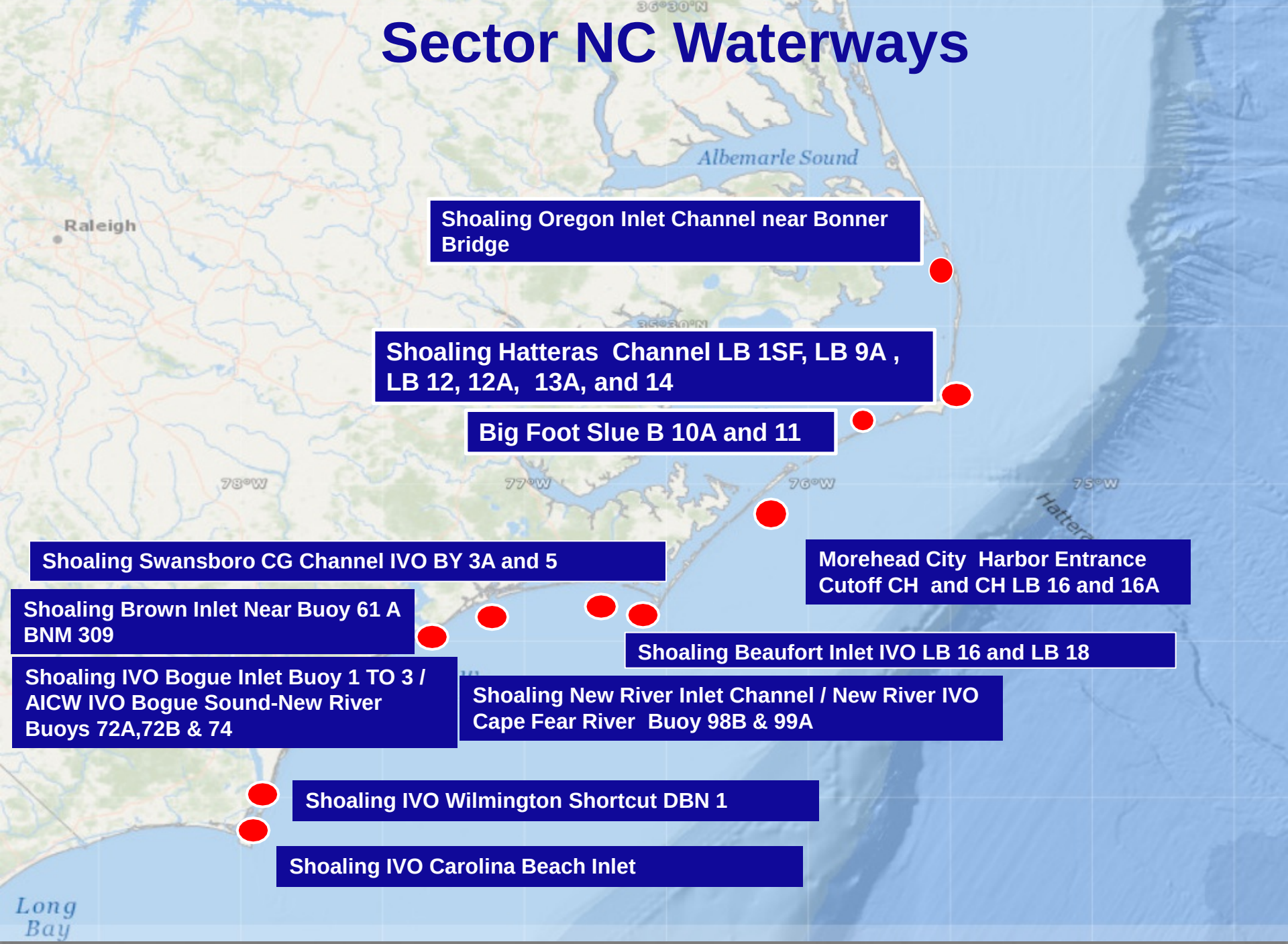
FIREWORKS – DISPLAY PRECAUTIONS AND REGULATIONS

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 – Sailing regatta series

Mariners are advised that the Annapolis Yacht Club's 2015-2016 Frostbite Series sail races are scheduled to occur on the Severn River each Sunday afternoon from November 8, 2015 through December 13, 2015, on January 1, 2016, and each Sunday afternoon from January 28, 2016 through **March 13, 2016**, between approximately 1 p.m. and 4:30 p.m. Each race consists of up to 25 participants, with seven fleets starting at various times, and a maximum of 125 participating sailboats and auxiliary sailboats (18 to 49 feet in length),. The races will occur in the Severn River, between the Severn River (US-50) Bridge and the mouth of the Severn River, with a start line in the vicinity of U.S. Naval Academy seawall. Interested mariners may contact the Special Events Committee boat on marine band radio channel 72 VHF-FM, if necessary. Charts 12282, 12283.

Sector NC Waterways

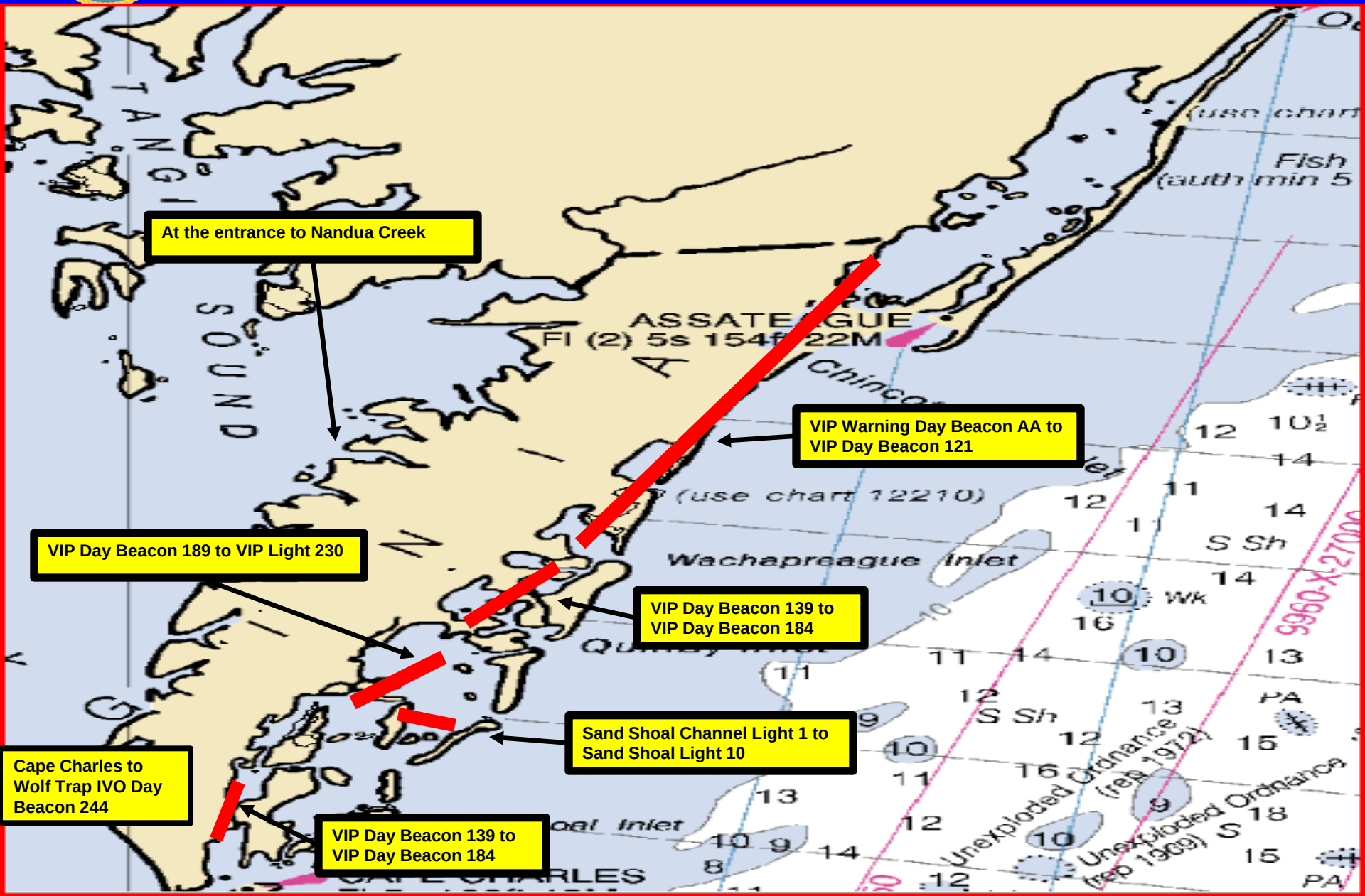


AREA	MAINTENANCE	DESCRIPTION	BNM/ MSIB/ LNM
Carolina Beach	Dredging	Dredge Savannah Until 04/30/2016	LNM 50/15
Mason Inlet	Dredging	Dredge Chesapeake Until 03/31/2016	LNM 04/16
New River	Dredging	Dredge Marion Until 04/30/2016	

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

AREA	MARINE EVENT	DESCRIPTION	MEP
N/A			

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

WWM DREDGING PROJECTS

BNM	DATES	AREA	DESCRIPTION
321-15	03 Jun – 15 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.

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

WWW 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.
Dates tentative	HRBT Cable Crossing	09 JAN 16 – 26 FEB 16	Thimble Shoal Channel	Precon Marine cable laying project. Channel work complete!
Pend	Anchor salvage	12 FEB 16	Anchorage J	Anchor salvage ops: Unable to locate. Anchor still not located.

WWM MARINE EVENTS

DATE	EVENT	AREA/WATERWAY	DESCRIPTION

WWM DEADSHIP TOWS

DATE	NAME /LENGTH	POC	FROM	TO
25FEB16	SS DEL MONTE	Mark Heatfield, 757-871-6654	JEB Little Creek	JRRF
08MAR16	SS DEL MONTE	Mark Heatfield, 757-871-6654	JRRF	JEB Little Creek