



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

LOCAL NOTICE TO MARINERS

District: 5

Week: 01/11

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

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

COMMANDER, FIFTH COAST GUARD DISTRICT (dpw)
431 Crawford Street, Portsmouth, Virginia 23704
Telephone (Day) : (757) 398-6486/6552

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 (252) 247-4570.

REFERENCES

Light List: ATLANTIC COAST, VOLUME II, COMDTPUB P16502.2, 2010 EDITION
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA (43rd) Edition
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry, VA to Key West, FL (42nd) Edition
All bearings are in degrees TRUE - All times are in Local Time inless otherwise noted.

NAVIGATIONAL INTERNET SITES

Fifth Coast Guard District Prevention Division BLOGSPOT
<http://cgd5prevention.blogspot.com>

2010 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>

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

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

D5 LNM on Internet/Archived Back Issues for 2010
<http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=5>

Chesapeake Bay Weather Buoys
<http://www.cbos.org>

Tides on Line
<http://www.tidesonline.nos.noaa.gov/>

Tides, Currents, PORTS
<http://www.tidesandcurrents.noaa.gov/>

Fifth Coast Guard District (D5) (dpw) Local Notice to Mariners for correspondence, questions, LNM article requests:
william.r.jones@uscg.mil or at (757) 398-6486

U.S. Army Corps of Engineers Willimington District Survey Maps
http://www.saw.usace.army.mil/nav
U.S. Army Corps of Engineers Norfolk District Survey Maps
http://rci.nao.usace.army.mil/esds/index.asp

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. Texts of active BMNs are viewable at <http://www.uscg.mil/d5/waterways/default.asp>.

CCGD5 (D5)- 434, 435, 438, 439, 440-10.

Sector Delaware Bay (DB)- 508, 509, 510-10. 003, 004-11.

Sector Baltimore (BA)- 546, 573, 579, 582, 583, 588,-10. 004, 005-11.

Sector Hampton Roads (HR) - 639, 641, 643, 644, 648, -10. 001, 002, 003-11.

Sector North Carolina (NC)-406, 620, 695, 697, 749, 771, 779, 786, 787, 792, 798, 799, 803, 804, 807, 812, 815, 818, 819, 820, 821-10. 001, 002, 003-11.

ABBREVIATIONS

A through H

ACOE - Army Corps of Engineers
ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
AI - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
FI - Flashing
G - Green
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
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
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
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.

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.

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

NORTH ATLANTIC RIGHT WHALES WARNING. - ENDANGERED NORTH ATLANTIC RIGHT WHALES

From November to April the coastal waters from New Jersey to North Carolina, are used as a migratory route and calving ground by the critically endangered right whale. Right whales, including females with very young calves, 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 (19.8M) 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 "Compliance Guide for Right Whale Ship Strike Reduction Rule" (available at http://www.nmfs.noaa.gov/pr/pdfs/shipstrike/compliance_guide.pdf) 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 right whale unless hazardous to the vessel or its occupants. The National Oceanic and Atmospheric Administration (NOAA) recommends operators assume that any whale sighting is a right whale. In areas outside of seasonally managed areas that are used by right whales, NOAA also recommends avoiding vessel operations in low visibility and using speeds of 10 knots or less when consistent with safety of navigation. Please report all right whale sightings and collisions to 877-433-8299 or the Coast Guard via channel 16. NOAA recommends operators use two-way whale avoidance routes within this region. For more information, consult the U.S. Coast Pilot.

LNM: 48/10

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

No person, shall take possession of or make use of for any purpose, or build upon, alter, deface, destroy, move, injure, obstruct by fastening vessels thereto or otherwise, or in any manner whatever impair the usefulness of any aid to navigation established and maintained by the United States.

Recently several offshore NOAA data buoys parted their moorings and became adrift due to excessive strain on the mooring. These navigational data buoys collect valuable on scene weather data for all mariners. These buoys are anchored to the seabed, and some have a watch circle radius of over 1 nautical mile. Once the mooring is parted and the buoy is adrift only certain Coast Guard resources can reset the aid back on its intended station. Coordinating of resources to retrieve the buoy, and place it back on station is time consuming and sometimes

take weeks, thus valuable weather information cannot be obtained and relayed to mariners in need of it. Mariners are advised not to interfere with these aids to navigation and report any sightings of vessels tied off to them to the U.S. Coast Guard. Interference with or intentional damage to Aids to Navigation is a misdemeanor and shall be subject to a fine not exceeding the sum of \$500 for each offense (33 CFR 70.01).

CHESAPEAKE BAY-REGULATED NAVIGATION AREA (RNA) REQUIREMENTS FOR PORT ENTRY/TRANSIT/DEPARTURE.

Mariners have been advised that there has been an amendment to the Chesapeake Bay Regulated Navigation Area which requires all vessels 300 gross tons and over, including tug and barge combined, to obtain permission prior to entering, departing, and/or moving within the Regulated Navigation Area. To obtain permission, vessels shall contact the Joint Harbor Operations Center (JHOC) prior to entry or movement via VHF-FH CH 12, alternate 13/16 and relay vessel documentation number, IMO number or VIN for verification. This includes entries from offshore, James River, Chesapeake Bay or Intracoastal Waterway. Alternate JHOC phone numbers are (757) 444-5210/5209. If the JHOC cannot be reached, the Captain of the Port (COTP) Command Duty Officer may be reached at (757) 668-5555.

VA - HAMPTON ROADS - ELIZABETH RIVER/SEWELL POINT/WILLOUGHBY BAY -U.S. NAVY RESTRICTED AREAS

Mariners are reminded that the area in the vicinity of the U.S. Naval Station Norfolk, from the Elizabeth River Channel Lighted Gong Buoy 5 (LLNR 9470) to the Elizabeth River Channel Lighted Buoy 11 (LLNR 9525) and along the south side of Willoughby Bay, is a RESTRICTED AREA. This OFF LIMITS AREA is depicted in the color magenta on the below listed charts. Unauthorized vessels entering this RESTRICTED AREA may encounter USE OF FORCE procedures by patrolling security vessels. Boaters are requested to remain in the marked channel clear of shipping while transiting the Norfolk Harbor Reach. Naval Station Norfolk Security can be contacted via VHF-FM channel 14. Charts: 12245, 12253, 12256 & 12206.

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.

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
3	NOAA Lighted Data Buoy 44066 (ODAS)	ADRIFT	13003	439D5	01/11	
90	Hereford Inlet Light	LT EXT	12316	003DB	01/11	
400	North Chesapeake Entrance Lighted Gong Buoy NCD	LT EXT	12200	648HR	01/11	
465	Chesapeake Bay Southern Approach Lighted Buoy 11	LT EXT	12200	644HR	01/11	
501	Rudee Inlet Entrance Lighted Buoy 1	LT EXT	12208	636HR	51/10	
570	Navy Air Combat Maneuvering Range Tower Light A	LT EXT	12200	203D5	24/10	
580	Navy Air Combat Maneuvering Range Tower Light C	LT EXT	12200	398D5	24/10	
585	Navy Air Combat Maneuvering Range Tower Light G	LT EXT	12200	203D5	24/10	
802	NOAA Lighted Data Buoy 41036 (ODAS)	MISSING	11520	454D5	51/09	
942	Barnegat Inlet North Breakwater Light 6	DBN DMGD	12324	490DB	49/10	
943	Barnegat Inlet South Breakwater Light 7	SS INOP	12324	501DB	51/10	
1065	Barnegat Inlet Buoy 33	OFF STA	12324	482DB	46/10	
1105	Little Egg Inlet Buoy 2	OFF STA	12316	428DB	35/10	
1270	Great Egg Harbor Inlet Lighted Buoy 1	LT EXT	12316	476DB	46/10	
1600	Elbow of Cross Ledge Light	LT IMCH	12304	498DB	48/10	
1620	Delaware Bay Main Channel Light 32	TRLB/STRUCT DEST	12304	307DB	32/10	
1640	Ship John Shoal Light	LT EXT	12304	503DB	51/10	
1645	Delaware Bay Main Channel Light 42	TRLB/STRUCT DEST	12311	435DB	43/10	
1675	Cape May Canal West Entrance North Jetty Light 11	SS INOP	12316	348DB	36/10	
2055	Delaware Bay East Icebreaker Light	REDUCED INT	12216	020DB	04/09	
2470	Liston Range Lighted Buoy 8L	LT EXT	12311	510DB	01/11	
4835	Isle of Wight Bay Light 6	OFF STA/TRLB	12211	474HR	36/10	
4860	Isle of Wight Bay Light 11	TRLB/LT EXT	12211	589HR	48/09	
5065	Sinepuxent Bay Channel Light 15	TRLB	12211	365HR	26/10	
5195	Chincoteague Bay Daybeacon 29	TRUB/STRUCT MISSING	12211	333HR	24/10	
5475	Chincoteague Bay Daybeacon 16	TRUB/STRUCT MISSING	12211	139HR	11/10	
5515	Chincoteague Bay Daybeacon 29	TRUB/STRUCT MISSING	12211	333HR	24/10	
5995	Virginia Inside Passage Daybeacon 122	MISSING	12210	NONEHR	32/10	
6050	Virginia Inside Passage Light 137	TRLB/DBN DEST	12210	637HR	47/10	
6275	Virginia Inside Passage Daybeacon 198	TRUB/STRUCT MISSING	12224	152HR	11/10	
6348	Virginia Inside Passage Daybeacon 213	TRUB	12224	076ES	31/06	
6445	Oyster Creek Channel Junction Light OC	TRLB/STRUCT DEST	12224	053HR	05/10	
6575	Virginia Inside Passage Daybeacon 264	MISSING/TRLB	12222	395HR	28/10	
6660	Wachapreague Channel Light 6	TRLB	12210	005ES	03/07	
6780	Quinby Creek Light 11	TRLB/STRUCT MISSING	12210	612HR	49/10	
7000	Oyster Creek Channel Junction Light OC	TRLB/STRUCT DEST	12224	053HR	05/10	
7425	Chesapeake Channel Lighted Bell Buoy 60	SS INOP	12226	074HR	05/09	
8040	Craighill Channel Range Front Light	LT IMCH	12273	533BA	47/10	
8090	Craighill Channel Upper Range Front Light	LT EXT	12281	559BA	50/10	
8150	Brewerton Channel Range Front Light	REDUCED INT	12281	385BA	32/10	
10080	Elizabeth River Southern Branch Buoy 28	SINKING	12253	639HR	51/10	
10655	Naval Boat Channel Light 10	LT EXT	12245	461HR	39/09	
12200	James River Channel Lighted Buoy 57	LT EXT	12251	641HR	52/10	
12420	Jordan Point Range Rear Light	LT EXT	12252	635HR	51/10	
12585	Appomattox River Channel Daybeacon 14	TRUB/DBN DMGD	12252	620HR	50/10	
12840	Horseshoe West Channel Buoy 4	TRUB	12222	090HR	02/10	
13496	York River East Range Front Light	LT EXT	12241	488HR	36/10	

13497	York River East Range Rear Light	LT EXT	12241	490HR	36/10
14105	York Spit Swash Channel Daybeacon 2	TRLB/STRUCT MISSING	12238	533HR	41/10
14975	Broad Creek Channel Daybeacon 4	TRLB/STRUCT MISSING	12235	572HR	44/10
15620	Tappahannock Channel Daybeacon 2	TRLB/STRUCT MISSING	12237	391HR	08/10
18760	Washington Channel Warning Buoy A	OFF STA	12289	582BA	52/10
18765	Washington Channel Warning Buoy B	OFF STA	12289	583BA	52/10
18865	N.A.S. Patuxent River Basin Entrance Light 1	STRUCT DEST	12233	526BA	47/10
19090	Patuxent River Light 9	TRLB/STRUCT DMGD	12284	531BA	47/10
19295	Chesapeake Beach Range Rear Light	LT EXT	12266	545BA	49/10
19535	Cadle Creek Daybeacon 2	TRLB/DBN DEST	12270	524BA	47/10
19700	Naval Anchorage Light A	DBN DMGD	12283	276BA	21/10
21625	Hungar Creek Daybeacon 9	TRLB/STRUCT MISSING	12226	562HR	44/10
21661	Nassawadox Creek Daybeacon 6	MSLD SIG/HAZ NAV	12226	NONED5	28/09
21662	Nassawadox Creek Daybeacon 7	MSLD SIG/HAZ NAV/DBN DMGD	12226	NONED5	28/09
21664	Nassawadox Creek Daybeacon 12	STRUCT DEST/HAZ NAV	12226	NONED5	28/09
22160	Chesconessex Creek Daybeacon 10	TRLB/STRUCT MISSING	12228	157BA	10/10
22280	Hunting Creek Daybeacon 7	TRUB/DBN DMGD	12228	429HR	31/10
22570	Pocomoke River Channel Light 15	DBN DMGD	12228	490BA	43/10
23090	Big Thorofare Channel Daybeacon 25	TRUB/STRUCT MISSING	12228	519BA	46/10
23130	Tyler Creek Channel Light 3	TRLB/STRUCT DEST	12228	544BA	49/10
23160	Tyler Creek Channel Daybeacon 13	TRLB/DBN DEST	12231	066BA	03/10
23180	Sheep Pen Gut Warning Daybeacon B	DBN DMGD	12228	276BA	23/09
23185	Sheep Pen Gut Warning Buoy C	MISSING	12228	275BA	23/09
23505	Lower Thorofare Channel Daybeacon 5	STRUCT DMGD	12231	170BA	11/10
24601	Tar Bay Warning Daybeacon A	TRLB/STRUCT MISSING	12261	465BA	11/10
27030	Harts Island Channel Daybeacon 8	TRLB/DBN DEST	12278	506BA	45/10
28003	Oregon Inlet Lighted Buoy 6	LT EXT	12204	815NC	01/11
28015	Oregon Inlet Lighted Buoy 9	LT EXT	12204	732NC	47/10
28070	Oregon Inlet Channel Buoy 21	OFF STA	12204	795NC	51/10
28450	Wanchese Channel Daybeacon 3	DBN DMGD	12204	NONENC	01/11
28540	Manteo Channel Daybeacon 5	MISSING	12204	004NC	01/11
28640	Hatteras Inlet Lighted Buoy 1	LT IMCH	11555	818NC	01/11
28865	Rollinson Channel Light 42RC	LT EXT	11555	736NC	48/10
28915	Ocracoke Inlet Buoy 4	OFF STA	11550	820NC	01/11
29985	New Topsail Inlet Buoy 2	OFF STA	11541	669NC	44/10
29995	New Topsail Inlet Buoy 3	MISSING	11541	804NC	52/10
30010	New Topsail Inlet Lighted Buoy 5	MISSING	11541	739NC	25/10
30110	Banks Channel Daybeacon 14	MISSING/TRUB	11541	760NC	45/10
30140.07	Old Topsail Creek Buoy 7	OFF STA	11541	740NC	44/10
30425	Oak Island Channel Daybeacon 4	TRUB/STRUCT DEST	11534	720NC	47/10
30562.6	Sunny Point Terminal Warning Boundary Light O	STRUCT DMGD	11534	615NC	41/10
31027	Lockwoods Folly Inlet Buoy 5	MISSING	11534	768NC	49/10
31355	Middle Ground Light MG	LT EXT	12204	670NC	44/10
31980	Pamlico Sound North Light N	DBN DMGD	12204	340NC	24/10
32080	Stumpy Point Target Warning Light S	LT EXT/DBN IMCH	11555	786NC	51/10
32470	Lower Middle Ground Light LM	REDUCED INT/STRUCT DMGD	11548	571NC	37/10
32485	Upper Middle Ground Wreck Light	DBN DMGD	11548	476NC	33/10
32805	Rose Bay Light 6	LT EXT	11548	787NC	51/10
33030	Pungo River Channel Daybeacon 19	TRUB/STRUCT DEST	11553	775NC	48/10
33535	West Bay Light 7WB	LT EXT	11544	685NC	45/10
33550	West Bay Light 11WB	TRLB/STRUCT DMGD	11544	696NC	45/10
34360	Core Sound Light 7	STRUCT DEST	11550	006NC	01/11
34370	Core Sound Light 11	TRLB/STRUCT DEST	11550	092NC	04/10
34760	North River Daybeacon 6	TRUB/STRUCT DEST	11545	567NC	37/10

35020	New Jersey Intracoastal Waterway Daybeacon 13	DBN DMGD	12324	500DB	51/10
35445	New Jersey Intracoastal Waterway Buoy 112	MISSING/TRUB	12316	198DB	24/10
36790	Cape May Canal West Entrance North Jetty Light 11	SS INOP	12316	348DB	36/10
36930	Elizabeth River Southern Branch Buoy 28	SINKING	12253	639HR	51/10
37125	Elizabeth River Southern Branch Daybeacon 43	TRUB/STRUCT MISSING	12253	619HR	50/10
38060	Pungo River Channel Daybeacon 19	TRUB/STRUCT DEST	11553	775NC	48/10
38310	Adams Creek Range A Front Light 7	LT EXT/STRUCT DMGD	11541	613NC	32/10
38315	Adams Creek Range A Rear Light	LT EXT	11541	525NC	39/10
38440	Russell Slough Junction Light RS	TRUB/STRUCT DEST	11541	792NC	51/10
39545	New River - Cape Fear River Light 98	TRUB/STRUCT DEST	11541	728NC	47/10
39610	New River - Cape Fear River Daybeacon 124	TRUB/STRUCT DEST	11541	724NC	47/10
39825	New River - Cape Fear River Light 163	TRUB/STRUCT DEST	11534	692NC	45/10
40360	Cape Fear River - Little River Light 85	LT EXT	11534	799NC	52/10
40370	Cape Fear River - Little River Daybeacon 89	TRUB/DBN DMGD	11534	781NC	50/10

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
620	Wimble Shoals Lighted Buoy 10	RELIGHTED	12200	793NC	51/10	01/11
640	Diamond Shoals Lighted Buoy 12	RESET ON STATION	11555	440D5	01/11	01/11
835	Frying Pan Shoals Lighted Buoy 16	RELIGHTED	11536	721NC	47/10	01/11
9370	Norfolk Entrance Reach Range Front Light	RELIGHTED	12245	001HR	01/11	01/11
9475	Elizabeth River Channel Lighted Buoy 7	RELIGHTED	12245	646HR	01/11	01/11
9535	Elizabeth River Channel Lighted Buoy 13	RELIGHTED	12245	647HR	01/11	01/11
9900	Elizabeth River Channel Lighted Buoy 36	RELIGHTED	12253	NONEHR	01/11	01/11
10577	Willoughby Bay Channel Buoy 1A	RESET ON STATION	12245	001HR	01/11	01/11
10850	Newport News Channel Lighted Buoy 5	RELIGHTED	12245	642HR	01/11	01/11
22540	Pocomoke River Channel Buoy 9	RESET ON STATION	12228	593BA	01/11	01/11
22545	Pocomoke River Channel Buoy 10	RESET ON STATION	12228	594BA	01/11	01/11
22550	Pocomoke River Channel Buoy 11	RESET ON STATION	12228	NONEBA	01/11	01/11
22555	Pocomoke River Channel Buoy 12	RESET ON STATION	12228	NONEBA	01/11	01/11
22560	Pocomoke River Channel Buoy 13	RESET ON STATION	12228	NONEBA	01/11	01/11
22580	Pocomoke River Channel Buoy 18	RESET ON STATION	12228	595BA	01/11	01/11
28015	Oregon Inlet Lighted Buoy 9	RELIGHTED	12204	816NC	01/11	01/11
28025	Oregon Inlet Lighted Buoy 12	WATCHING PROPERLY	12204	803NC/817NC	52/10	01/11
28027	Oregon Inlet Buoy 13	RELOCATED	12204	NONENC	01/11	01/11
28073	Oregon Inlet Channel Buoy 21A	RELOCATED	12204	810NC	51/10	01/11
28077	Oregon Inlet Channel Buoy 24	RELOCATED	12204	809NC	51/10	01/11
29257	Barden Inlet Buoy 31	RESET ON STATION	11545	811NC	52/10	01/11
30400	Cape Fear River Channel Lighted Buoy 15	WATCHING PROPERLY	11534	002NC	01/11	01/11
33830	Neuse River Channel Daybeacon 8	WATCHING PROPERLY	11541	806NC	52/10	01/11
33850	Wilkinson Point Ferry Terminal Channel Daybeacon 4	WATCHING PROPERLY	11552	673NC	44/10	01/11
37100	Elizabeth River Southern Branch Light 37	WATCHING PROPERLY	12253	645HR	01/11	01/11

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
803	UNCW/CORMP Lighted Data Buoy A	MISSING	11539	713NC	50/09	
804.4	NC Artificial Fishing Reef Buoy AR386	MISSING	11520	763NC	49/10	
1690	Bidwell Creek Entrance Light 2	DBD DMGD	12304	NONEAC	37/06	

2119	Burton Prong Buoy 4	MISSING	12216	0173AC	16/06
2119.01	Herring Creek Daybeacon 1	DBN DMGD	12216	258DB	27/09
2119.06	Herring Creek Daybeacon 6	DBN DMGD	12216	259DB	27/09
2795	Bulkhead Shoal Channel Lighted Buoy 5	MISSING	12311	456DB	45/10
2805	Bulkhead Shoal Channel Lighted Buoy 6A	MISSING	12311	NONEBA	01/11
3220	Chester Transmission West Lights (2)	LT EXT	12312	408DB	40/10
3225	Chester Transmission East Lights (4)	LT EXT	12312	408DB	40/10
4551.11	Indian River Channel Daybeacon 53	DBN DMGD	12216	160DB	20/10
9805	Portsmouth Marine Terminal Range Rear Light	LT EXT	12253	196HR	15/10
10186	Lynnhaven River Daybeacon 1LR	TRUB/STRUCT DEST	12254	378HR	27/10
10332.2	Lynnhaven River Eastern Branch Daybeacon 4	MISSING	12222	436HR	32/10
10332.3	Lynnhaven River Eastern Branch Daybeacon 5	STRUCT DMGD	12222	NONEHR	37/10
12127	Glasshouse Point Lower Ferry Light	LT EXT	12251	394HR	29/10
12616	Weanack Channel Entrance Lighted Buoy 2WC	LT IMCH	12252	NONEHR	14/10
14940	Windmill Point Marina Light 3	HAZ NAV/LT EXT	12235	194HR	19/08
16555	Lake Conoy Warning Daybeacon A	MISSING	12233	251BA	19/10
16638	Potomac River Gray Point Lighted Mooring Buoy A	MISSING	12233	391BA	33/10
16825	West Yeocomico River Daybeacon 6	DBN DMGD	12233	250BA	19/10
17505	Harbor View Daybeacon 9	DBN DMGD	12286	139BA	09/10
17845	Nanjemoy Creek Buoy 5	OFF STA	12288	258BA	22/09
18110	Cockpit Point Barge Dock Mooring Light A	BUOY DMGD/LT EXT	12288	417BA	46/08
18535	Piscataway Creek Daybeacon 8	DBN DMGD	12289	517BA	41/07
18601.06	National Harbor Channel Light 8	DBN DMGD	12289	129BA	11/09
18900	Solomons Island Wharf Light	LT EXT	12284	248BA	19/10
18955	Calvert Marina Pier Light	LT EXT	12284	247BA	19/10
18975	Mill Creek Daybeacon 9	DBN DEST	12284	086BA	05/10
18985	Mill Creek Daybeacon 12	TRUB/DBN DEST	12284	433BA	47/08
18995	St. John Creek Daybeacon 2	DBN DMGD	12284	466BA	38/09
19062	Solomons Island Fishing Pier Light	LT EXT/DBN DMGD	12284	249BA	29/08
19125	Helen Creek Buoy 1A	OFF STA	12264	282BA	30/08
19215	Cape St. Marys Marina Breakwater Light	LT EXT	12264	0180BA	08/05
20092	Little Magothy River Buoy 1LM	OFF STA	12282	105BA	09/09
20130	Gibson Island Inner Harbor Lighted Buoy 2	LT EXT	12282	460BA	40/10
20140	Grays Creek Daybeacon 1	DBN DEST	12282	389BA	31/09
20145	Grays Creek Daybeacon 2	DBN DMGD	12282	172BA	11/10
20430	Pennwood Channel Range Front Light	LT EXT	12278	0200BA	24/06
20435	Pennwood Channel Range Rear Light	LT EXT	12278	315BA	23/07
20550	Sparrows Point Steel Works Channel Range Rear Light	LT EXT	12281	173BA	11/10
20600	Sparrows Point Bulkhead Light A	LT EXT	12281	365BA	25/09
21185	Fairfield Channel Buoy 6	MISSING	12281	233BA	17/07
21425	Kiptopeke Beach Breakwater Lighted Warning Buoy	SINKING	12224	373HR	27/10
21531	Kings Creek Channel Light 2	DBN DMGD	12224	NONEHR	21/10
22095	Onancock Creek -South Branch Buoy 1	OFF STA	12228	292BA	30/08
22985	Ward Creek Warning Daybeacon A	MISSING	12231	0503BA	31/05
23315	Jones Creek Daybeacon 4	DBN DEST	12231	402BA	44/08
23715	Dames Quarter Creek Channel Daybeacon 4	DBD DEST	12261	337BA	24/07
25020	Cambridge Channel Range Front Light	LT EXT	12268	420BA	46/08
25025	Cambridge Channel Range Rear Light	LT EXT/DBN DMGD	12268	418BA	46/08

25745	Upper Edge Creek Daybeacon 1	DBN IMCH	12266	0007BA	02/05
25755	Upper Edge Creek Daybeacon 3	DBN IMCH	12266	0008BA	02/05
25760	Upper Edge Creek Daybeacon 5	DBN DMGD	12266	575BA	51/09
26125	Wye River Daybeacon 1	MISSING	12270	226BA	20/09
26140	Wye River Daybeacon 6	TRUB/DBN DMGD	12270	NoneBA	38/10
26145	Wye River Daybeacon 7	TRUB/DBN DEST	12270	437BA	38/10
26220	Oak Creek Buoy 6	MISSING	12270	445BA	36/09
26270	Cox Creek Buoy 4	BUOY DMGD	12270	285BA	22/10
26990	Shallow Creek Daybeacon 9	DBN DMGD	12278	366BA	29/09
27230	Upper Gunpowder River Buoy 2	MISSING	12274	234BA	20/09
27235	Upper Gunpowder River Daybeacon 3	DBN DEST	12274	235BA	20/09
27240	Upper Gunpowder River Buoy 4	MISSING	12274	236BA	20/09
27245	Upper Gunpowder River Daybeacon 5	DBN DEST	12274	356BA	28/09
27250	Upper Gunpowder River Buoy 6	MISSING	12274	237BA	20/09
27255	Upper Gunpowder River Buoy 7	MISSING	12274	NONEBA	20/09
27265	Upper Gunpowder River Buoy 9	MISSING	12274	239BA	20/09
27270	Upper Gunpowder River Buoy 10	MISSING	12274	240BA	20/09
27275	Upper Gunpowder River Daybeacon 11	DBN IMCH	12274	0704BA	34/04
27410	Fairlee Creek Buoy 7	MISSING	12278	198BA	17/09
27415	Fairlee Creek Buoy 8	MISSING	12278	196BA	17/09
27420	Fairlee Creek Buoy 9	MISSING	12278	199BA	17/09
27425	Fairlee Creek Buoy 10	OFF STA	12278	197BA	17/09
27635	Fishing Battery Buoy 1	OFF STA	12274	482BA	40/09
28552	Shallowbag Bay Warning Light A	LT EXT	12205	011NC	01/10
28553	Shallow Bag Warning Light D	LT EXT	12205	010NC	01/10
28880	Hatteras Fishing Center Daybeacon 2	DBN DMGD	11537	147NC	10/10
31055	Shallotte Inlet Buoy 1	OFF STA	11534	491NC	35/09
31060	Shallotte Inlet Buoy 2	ADRIFT	11534	601NC	40/10
31075	Shallotte Inlet Buoy 5	OFF STA	11534	001NC	01/11
31085	Shallotte Inlet Buoy 8	OFF STA	11534	303NC	17/10
31350	Colington Harbor Entrance Daybeacon 3	LT EXT	12205	681NC	45/10
31416	Whitehall Shores Channel Light 1	LT IMCH	12206	585NC	42/09
31946.2	Spencer Creek Daybeacon 3	DBN IMCH	12205	542NC	39/09
31946.4	Spencer Creek Daybeacon 5	DBN IMCH	12205	543NC	39/09
31946.6	Spencer Creek Daybeacon 7	DBN IMCH	12205	544NC	39/09
33493	NC-EONS Environmental Data Light A	TRLB/DBN DEST	11550	522NC	41/08
34605	Salters Creek Entrance Daybeacon 3	MISSING	11545	482NC	34/09
36782	Rutgers Aquacult Pump Station Light 16	DBN DMGD	12316	444DB	44/10
36782.1	Rutgers Aquacult Pump Station Light 18	LT EXT	12316	445DB	44/10
36782.2	Rutgers Aquacult Pump Station Warning Light	LT EXT	12316	446DB	44/10
39621.3	Bradley Creek Daybeacon 3	MISSING	11541	648NC	50/09
	Beach Cove South Channel Daybeacon 8	MISSING	12216	NONEAC	10/06
	Cherrystone Artificial Reef Buoys	MISSING	12221	NONED5	24/05
	East Cod Creek Daybeacon 2	DBN DMGD	12233	317BA	26/09
	East Cod Creek Daybeacon 6	DBN DMGD	12285	318BA	26/09
	East Cod Creek Entrance Light 1	LT EXT	12233	316BA	26/09
	Grassy Sound North Pier Light	LT EXT	12316	0068AC	07/06
	Grassy Sound South Pier Light	LT EXT	12316	0069AC	07/06
	Great Egg Harbor River Lighted Buoy 1	LT EXT	12318	0067AC	07/06
	Indian River Bay Shellfish Excl. Buoy	MISSING		NONEAC	10/06
	Manklin Creek Buoy 1M	DBN IMCH	12211	NONED5	24/05
	Maryland Dnr Back Creek Buoy 8	ADRIFT	12282	NONEBA	19/09
	Nc Fishing Reef Buoy Ar 372	MISSING	11539	448D5	50/09
	Old House Cove Warning Daybeacon A	MISSING	12231	0498BA	31/05

Old House Cove Warning Daybeacon B	MISSING	12231	0499BA	31/05
Old House Cove Warning Daybeacon C	MISSING	12231	0500BA	31/05
Parramore Artificial Reef Buoy	MISSING	12210	0071ES	21/05
South Creek Buoy 2	OFF STA	12270	245BA	27/08
South Creek Buoy 4	OFF STA	12270	245BA	27/08
Wachapreague Artificial Reef Buoys	MISSING	12210	0072ES	21/05

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
None						

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
590	Bodie Island Light	DISCONTINUED	12204	NoneNC	48/09	
2073	Roosevelt Inlet Buoy 4	DISCONTINUED	12216	394D5	48/10	
5610	Virginia Inside Passage Light 7	TRLB	12210	190D5	22/09	
6450	Virginia Inside Passage Daybeacon 233	DISCONTINUED	12224	NONED5	48/09	
6520	Virginia Inside Passage Light 249	TRDBN	12224	NONED5	20/09	
6915	Great Machipongo Channel Light 6	TRLB	12210	193D5	22/09	
7075	Chesapeake Channel Lighted Buoy 9	RELOCATED FOR DREDGING	12222	434D5	51/10	
9707	Lambert Bend Turning Basin Daybeacon A	TRUB	12254	NONED5	25/08	
12617	Weanack Channel Buoy 4	DISCONTINUED	12252	NONEHR	14/10	
12618	Weanack Channel Buoy 5	DISCONTINUED	12252	NONEHR	14/10	
13360	Goodwin Thorofare Channel Buoy 15	TRLB	12241	NONED5	27/10	
23100	Big Thorofare Channel Daybeacon 29	TRUB	12228	355D5	43/10	
23110	Big Thorofare Channel Daybeacon 33	TRUB	12228	387D5	47/10	
28030	Oregon Inlet Buoy 14	DISCONTINUED FOR DREDGING	12204	343D5	39/09	
28077	Oregon Inlet Channel Buoy 24	RELOCATED	12204	424D5	50/10	
28726.3	Hatteras Inlet Buoy 10C	DISCONTINUED	11555	371D5	45/10	
29365	Beaufort Inlet Channel Lighted Buoy 11	RELOCATED DUE TO SHOALING	11547	155D5	18/10	
29370	Beaufort Inlet Channel Lighted Buoy 12	RELOCATED DUE TO SHOALING	11547	155D5	18/10	
29373	Beaufort Inlet Channel Lighted Buoy 13	ESTABLISHED	11547	155D5	18/10	
29375	Beaufort Inlet Channel Lighted Buoy 14	RELOCATED DUE TO SHOALING	11547	155D5	18/10	
29377	Beaufort Inlet Channel Lighted Buoy 14A	ESTABLISHED	11547	155D5	18/10	

29380	Beaufort Inlet Channel Lighted Gong Buoy 15	RELOCATED DUE TO SHOALING	11547	155D5	18/10
29390	Beaufort Inlet Channel Lighted Buoy 17	RELOCATED DUE TO SHOALING	11547	155D5	18/10
29420	Morehead City Channel Lighted Buoy 18	RELOCATED DUE TO SHOALING	11547	155D5	18/10
29425	Morehead City Channel Lighted Buoy 19	RELOCATED DUE TO SHOALING	11547	155D5	18/10
32840	Oyster Creek Light 10	TRLB	11545	NONED5	49/10
34570	Fulchers Creek Light 1	TRLB	11545	NONED5	49/10
34780	Taylor Creek Buoy 1TC	DISCONTINUED	11547	281D5	33/10
34787	Taylor Creek Channel Buoy 3	DISCONTINUED	11547	281D5	33/10
34790	Taylor Creek Channel Buoy 4	DISCONTINUED	11547	281D5	33/10
	James River Channel Lighted Buoy 89A	ESTABLISHED	12251	376D5	46/10
	Pamlico Sound Lighted Wreck Buoy WR2	ESTABLISHED	11555	433D5	51/10
	Pamlico Sound Lighted Wreck Buoy WR4	ESTABLISHED	11548	300D5	35/10

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
None						

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

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

11555	40th Ed.	01-APR-06	Last LNM: 51/10	NAD 83		01/11
Chart Title: Cape Hatteras-Wimble Shoals to Ocracoke Inlet						
Main Panel 525 CAPE HATTERAS WIMBLE SHOALS TO OCRACOKE INLET. Page/Side: N/A						
CHANGE	Depth Legend - FAR CREEK; 9 FT OCT 2010 (NOS NW-19952)				NOS 35-30-37.800N	075-58-18.300W
ADD	Sounding in Feet; 7 (NOS NW-19952)				NOS 35-30-41.900N	075-59-03.000W

ChartTitle: Currituck Beach Light to Wimble Shoals

Main Panel 527 CURRITUCK BEACH LT TO WIMBLE SHOALS. Page/Side: N/A

RELOCATE	Oregon Inlet Buoy 13	CGD05 from 35-46-26.969N to 35-46-18.026N	075-31-54.190W 075-31-58.659W
RELOCATE	Oregon Inlet Channel Buoy 21A	CGD05 from 35-46-36.001N to 35-46-34.834N	075-32-43.000W 075-32-44.127W
RELOCATE	Oregon Inlet Channel Buoy 24	CGD05 from 35-46-38.565N to 35-46-37.958N	075-32-50.574W 075-32-42.692W

ChartTitle: Cape Henry to Pamlico Sound, Including Albemarle Sd.; Rudee Heights

CHART VA-NC- CAPE HENRY TO PAMLICO SOUND (including ALBEMARLE SOUND). Page/Side: N/A

RELOCATE	Oregon Inlet Buoy 13	CGD05 from 35-46-26.969N to 35-46-18.026N	075-31-54.190W 075-31-58.659W
RELOCATE	Oregon Inlet Channel Buoy 21A	CGD05 from 35-46-36.001N to 35-46-34.834N	075-32-43.000W 075-32-44.127W
RELOCATE	Oregon Inlet Channel Buoy 24	CGD05 from 35-46-38.565N to 35-46-37.958N	075-32-50.574W 075-32-42.692W

ChartTitle: Delaware Bay

Main Panel 667 DELAWARE BAY. Page/Side: N/A

CHANGE	Depth Legend - MISPILLION RIVER; 6 1/2 FT (NOS NW-19896)	NOS 38-56-15.000N	075-17-37.300W
CHANGE	Depth Legend - MISPILLION RIVER; 8 FT APR 2009 (NOS NW-19896)	NOS 38-56-28.700N	075-18-17.600W
CHANGE	Depth Legend - MURDERKILL RIVER; 3 1/2 FT BY 60 FT NOV 2009 (NOS NW-19896)	NOS 39-03-41.000N	075-23-12.800W

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

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

Advance Notice(s)

VA – CHESAPEAKE BAY – CAPE CHARLES TO NORFOLK HARBOR – AIDS TO NAVIGATION CHANGE

On or about 17 January, 2011, Horseshoe West Channel Buoy 4 (LLNR 12840) will be discontinued. Chart: 12222.

LNM: 51/10

VA – CHESAPEAKE CHANNEL/NEWPORT NEWS CHANNEL/THIMBLE SHOAL CHANNEL/YORK RIVER CHANNEL – AID TO NAVIGATION CHANGE

During the 2011 servicing schedule the following aids to navigation will have their sound signal discontinued:

- A. Chesapeake Channel Lighted Gong Buoy 57 (LLNR 7405).
- B. Chesapeake Channel Lighted Bell Buoy 60 (LLNR 7425).
- C. Chesapeake Channel Lighted Bell Buoy 62 (LLNR 7440).
- D. Chesapeake Channel Lighted Bell Buoy 70 (LLNR 7520).
- E. Chesapeake Channel Lighted Bell Buoy 76 (LLNR 7620).
- F. Chesapeake Channel Lighted Bell Buoy 78 (LLNR 7680).
- G. Thimble Shoal Channel Lighted Gong Buoy 12 (LLNR 9270).
- H. Thimble Shoal Channel Lighted Bell Buoy 21 (LLNR 9315).
- I. Newport News Channel Lighted Bell Buoy 12 (LLNR 10880).
- J. York River Channel Lighted Bell Buoy 20 (LLNR 13500).
- K. Chesapeake Channel Lighted Gong Buoy 42 (LLNR 7275).

VA/MD – SEACOAST/CHESAPEAKE BAY/POTOMAC RIVER/TANGIER SOUND – AIDS TO NAVIGATION CHANGE

During the 2011 servicing schedule the following aids to navigation will have their sound signal discontinued:

- A. Turners Lump Lighted Bell Buoy 2TL (LLNR 300).
 - B. Parramore Bank Lighted Gong Buoy 10 (LLNR 315).
 - C. Tail of The Horseshoe Lighted Bell Buoy 2T (LLNR 7065).
 - D. USN Aerial Gunnery Area Lighted Bell Buoy C (LLNR 7580).
 - E. USN Aerial Gunnery Area Lighted Bell Buoy D (LLNR 7585).
 - F. Potomac River Channel Lighted Bell Buoy 7 (LLNR 16570).
 - G. Potomac River Channel Lighted Bell Buoy 29 (LLNR 17635).
 - H. Tangier Sound Lighted Bell Buoy 5 (LLNR 22800).
- Charts : 12210, 12221, 12224, 12225, 12230, 12233, 12285.

VA – RAPPAHANNOCK RIVER – AIDS TO NAVIGATION CHANGE

On or about February 7, 2011, Tappahannock Channel Daybeacon 2 (LL NR 15620) will be discontinued.
Chart: 12237

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

DELAWARE RIVER - SMYRNA RIVER TO WILMINGTON-CHRISTINA RIVER- DISCONTINUE SOUND SIGNAL

The U.S. Coast Guard proposes to discontinue the sound signal on Christina River Entrance Lighted Bell Buoy 2 (LLNR 3015). Comments on this proposal should be forwarded to or Mr. Tom Flynn at (757) 398-6229, e-mail twflynn@LANTD5.uscg.mil NOT LATER THAN 01 February, 2011.
Chart: 12311.

MD — FENWICK ISLAND TO CHINCOTEAGUE INLET – ISLE OF WIGHT BAY - NOTICE TO PROPOSED RULEMAKING

Mariners are advised that the U.S. Coast Guard proposes to change the drawbridge operation regulations of the US 50 Bridge, at mile 0.5, across the Isle of Wight (Sinepuxent) Bay at Ocean City, MD. This proposed rule would require any mariner requesting an opening in the evening hours during the off-season, to do so before the tender office has vacated for the night. The proposed rule would ensure tender availability for every scheduled opening. The Coast Guard also proposes to change the waterway location from Isle of Wight Bay to Isle of Wight (Sinepuxent) Bay. This waterway is known locally as both Isle of Wight Bay and Sinepuxent Bay. Comments on this proposal should be forwarded to the above address attention (dph) no later than February 7, 2011. A copy of Public Notice 5-1208, which describes the proposal in detail, can be obtained by calling (757) 398-6629 or by viewing at <http://www.navcen.uscg.gov/?pageName=pnBridges>. Chart : 12211.

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.

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

- An area of the Chesapeake Bay, adjacent to the Thimble Shoal Channel from Thimble Shoal to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

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

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

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered. Charts: 12200, 12205, 12221, 12222 & 12254.

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.

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 (37TH) Edition when operating south of the entrance to the Chesapeake Bay, off the Dam Neck Naval Firing Range. When firing is in progress during daylight hours, red flags will be displayed at conspicuous locations on the beach at the facility. Vessels shall proceed through the area with caution and shall remain in the area no longer than necessary for transit. The U.S. Naval Base Dam Neck Live Fire Range will be active during periods advertised by Broadcast Notice to Mariners. Charts: 12203, 12205, 12207 & 12221.

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 (37th) 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.

The Camp Pendleton Live Fire Range will be active during the following periods:

DATE	UNIT	AMMO	HOURS
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No scheduled firing activities at this time.

Charts: 12203, 12205, 12207 & 12221.

LNM: 07/10

NC - NEW RIVER - FIRING EXERCISES

The Commanding General, Marine Corps Base, Camp Lejeune, 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 10.0 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 listed below. Firing will be to 3 miles seaward. Vessels are urged to avoid the above area during the

NC - NEW RIVER - FIRING EXERCISES

periods stated except for the Atlantic Intracoastal Waterway, where mariners traveling through this area can expect a delay of about one hour during the above times. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).

The restricted areas in New River, as shown on National Ocean Service Chart 11542, will be closed to navigation because of firing exercises during the following periods:

Jacksonville Sector Sunrise to Sunset - daily.

Farnell Bay Sector Sunrise to Sunset - daily.

Traps Bay Sector Sunrise to Sunset - daily.

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

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

Grey Point Sector 12:01 a.m. to Midnight - daily.

Ship operations consisting of landing craft, amphibious vehicles, and helicopters will 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, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).

Charts: 11542 & 11543.

DE - DELAWARE RIVER- DELAWARE CITY REFINERY - DREDGING

The dredge PULLEN will be dredging in the Bulkhead Shoal Channel at the Delaware City Refinery Turning Basin and pier facility from 04 January, 2010 until 28 February, 2011. A pipeline will run from the dredging site to the Disposal Area on the north side of the refinery on Cedar Creek. The dredge will monitor VHF-FM Channels 13 and 16. Traffic should contact the dredge 30 minutes prior to expected time of passage. 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. Owners and lessees of fishnets, crabpots and other structures that may be in the vicinity and that may hinder the free navigation of attending vessels and equipment must be removed from the area where tugs, tenderboats and other attendant equipment will be navigating. 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 by all transiting vessels. Chart : 12311.

LNM: 52/10

MD –CHESAPEAKE BAY-CHOPTANK RIVER AND HERRING BAY-KNAPPS NARROWS WEST CHANNEL – BRIDGE CLOSURE INFORMATION

Mariners are advised that the MD 33 Knapps Narrows Bridge across Knapps Narrows, mile 0.4 at Tilghman Island, MD will remain in the closed position between the hours of 9:00 p.m. and 5:00 a.m. from January 3, 2011 until January 10, 2011 for scheduled routine maintenance. There will be no obstructions in the channel and marine traffic that can pass through the bridge in the closed position may do so at anytime. The bridge will manually open for emergency vessels during the closure periods. Mariners are advised to exercise caution when transiting the area. Chart: 12266.

LNM: 52/10

MD – HEAD OF CHESAPEAKE BAY – SASSAFRAS RIVER -BRIDGE INFORMATION

The MD Route 213 Bridge over the Sassafras River, mile 10.0, in Georgetown, MD. will be undergoing mechanical repairs and a temporary deviation from the regulations governing its' operation is required. The bridge will deviate from the operating regulation by temporarily not be opening for marine traffic from 10 January, 2011 through 21 January, 2011. Mariners are advised to use caution when approaching the bridge. Chart: 12274.

LNM: 49/10

VA – LOWER CHESAPEAKE BAY – CAPE CHARLES TO NORFOLK HARBOR – SALT PONDS CHANNEL - DREDGING

The dredge JENNI LEA will be conducting dredging operations in Salt Ponds Channel from 12 January until 12 February, 2011. The dredge and assisting vessels DANNY JOE and MISS LEANNE will monitor VHF-FM Channels 13, 16 and 78. A floating and submerged pipeline will traverse the channel and deposit dredge material on the south side of the inlet. 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. Owners and lessees of fishnets, crabpots and other structures that may be in the vicinity and that may hinder the free navigation of attending vessels and equipment must be removed from the area where tugs, tenderboats and other attendant equipment will be navigating. 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 by all transiting vessels. Chart : 12222.

LNM: 01/11

VA – LYNNHAVEN RIVER – CRAB CREEK - DREDGING

Lynnhaven Marine & Dock, Inc. will be dredging Crab Creek from 21 December, 2010 until 28 February, 2011. The assisting vessels CHOCTAW

VA – LYNNHAVEN RIVER – CRAB CREEK - DREDGING

and CHEYENNE will monitor VHF-FM Channels 13 and 16. Two spoil barges and a dipper dredge will be on site. 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. Owners and lessees of fishnets, crabpots and other structures that may be in the vicinity and that may hinder the free navigation of attending vessels and equipment must be remove these from the area where tugs, tenderboats and other attendant equipment will be navigating. 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 by all transiting vessels. Chart : 12254.

LNM: 51/10

NC – CAROLINA BEACH INLET – SHOALING

Shoaling has been reported in Carolina Beach Inlet at Carolina Beach Inlet Buoy 7 (LLNR 30295). The shoal is exposed to approximately 2.0 feet above MHW. Chart: 11541.

LNM: 51/10

NC – MYRTLE GROVE SOUND TO LITTLE RIVER – NEW RIVER TO CAPE FEAR RIVER - CAROLINA BEACH INLET CROSSING- DREDGING

Cottrell Dredging will be conducting dredging operations at Carolina Beach Inlet Crossing in the vicinity New River to Cape Fear River Light 153 (LLNR 39720) from 05 January until 08 February, 2011. The dredge will monitor VHF-FM Channels 13 and 16. 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. Owners and lessees of fishnets, crabpots and other structures that may be in the vicinity and that may hinder the free navigation of attending vessels and equipment must be remove these from the area where tugs, tenderboats and other attendant equipment will be navigating. 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 by all transiting vessels. Chart : 11534.

LNM: 01/11

NC – CAPE HENRY TO PAMLICO SOUND - PERQUIMANS RIVER - BRIDGE PAINTING

Mariners are advised that sandblasting and painting operations will be performed at the US 17 Bridge, at mile 11.2, across Perquimans River at Hertford, NC. The operation is scheduled to begin at 7 a.m. on January 4, 2011 until 6 p.m. on February 8, 2011. To facilitate the work, scaffolding will be used underneath the center span portion of the bridge reducing the available vertical clearance by approximately four feet to 29 feet, above mean high water. Access will include the use of a snooper truck on the drawbridge roadway with no expected delays to vessels. Mariners should exercise caution when transiting the area. Chart: 12205.

LNM: 49/10

NC – BEAUFORT INLET AND SOUTHERN CORE SOUND – BEAUFORT HARBOR CHANNEL – SHOALING

Shoaling to a depth of 7.0 feet MLW has been reported between Beaufort Harbor Channel Buoy 2 (LLNR 34805) and Beaufort Harbor Channel Buoy 2A (LLNR 34807). Chart: 11545.

LNM: 01/11

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
28027	Oregon Inlet Buoy 13	35-46-18.026N 075-31-58.659W				Green can.	01/11
		*					
28073	Oregon Inlet Channel Buoy 21A	35-46-34.834N 075-32-44.127W				Green can.	01/11
		*					
28077	Oregon Inlet Channel Buoy 24	35-46-37.958N 075-32-42.692W				Red nun.	01/11
		*					

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosures.

1. Summary of Dredging.
2. Summary of Shoaling.
3. Summary of Bridge Permits/Regulations/Construction.
4. Summary of D5 Marine Events.

SUMMARY OF DREDGING/MARINE CONSTRUCTION PROJECTS CURRENTLY IN PROGRESS

DE Delaware River/Delaware City Refinery/Bulkhead Shoal Channel

Dredging 04 Jan to 28 Feb, 2011 Dredge PULLEN Ref. LNM 52/10.

MD Baltimore Harbor/Locust Point Channels

Dredging 01 Nov to 15 Jan, 2011 Dredge TANGIER SOUND Ref. LNM 45/10

MD Magothy River/Mill Creek

Dredging 15 Oct to 15 Jan, 2011 Lake Services, Inc. Ref. LNM 43/10.

MD Potomac River/Port Tobacco River

Dredging 15 Oct to 15 Jan, 2011 Lake Services, Inc. Ref. LNM 43/10.

MD Baltimore Harbor/Seagirt Marine Terminal

Construction 12 Jan, 2010 to 2012 McLean Contracting Ref. LNM 02/10.

MD Potomac River/Nanjemoy Creek

Dredging Until 01 Jan 2011 Lake Services, Inc. Ref. LNM 50/10.

VA Dismal Swamp Canal/Feeder Ditch

Dredging extended until 15 Jan, 2011 Ref. LNM 41/10.

VA – Salt Ponds Channel

Dredging 12 Jan to 12 Feb, 2011 Dredge JENNI LEA Ref. LNM 01/11.

VA – Lynnhaven River /Crab Creek

Dredging 21 Dec. to 28 Feb., 2011 Lynnhaven Marine & Dock, Inc. Ref. LNM 51/10.

VA James River Bridge

Span repair 30 Nov to 30 Feb, 2011 VDOT Ref. LNM 49/10.

VA – Thimble Shoal Channel/York Spit Channel/Craney Island Disposal Site/Dam Neck Disposal Site/Wolf Trap Disposal Site

Dredging/Craney Island Eastward Expansion 15 Dec to 15 March, 2011 Hopper Dredge LIBERTY ISLAND Ref. LNM 48/10.

VA James River /Dancing Point/Swann Point

Dredging Through 15 Jan, 2011 Dredge JERI-B.

VA James River/Newport News Grumman Shipyard

Dredging Until completed Dredge MOBRO 112 Ref. LNM 44/10.

VA Elizabeth River/ Norfolk Naval Shipyard

Dredging Until completed Dredge BELISMO Ref. LNM 44/10.

VA Little Creek Harbor/Entrance Channel

Dredging 26 Aug to 31 Jan, 2011 Weeks bucket Dredge 551 Ref. LNM 33/10.

VA Elizabeth River Entrance /Sewells Pt.

Submarine Cable Install/Diving Ops 08 Mar 2010 until completed Ref. LNM 10/10.

VA Elizabeth River/Southern Branch

Jordan Bridge Demolition 30 April, 2010 until completed 3W Marine, Inc. Ref. LNM 18/10.

VA Elizabeth River/Southern Branch

Gilmerton Bridge Ongoing construction of new bridge Until completed.

VA Rudee Inlet

Dredging Dredge RUDEE operates 24/7 weather permitting.

VA Virginia Beach Oceanfront at 61st Street

Outfall pipe installation 01 Mar to 20 Nov, 2011 McLean Contracting Ref. LNM 08/10.

VA Hampton River

Dredging 27 Sep to 27 Mar, 2011 Hodges Ent. Ref. LNM 38/10.

NC Cape Fear River/Baldhead Shoal/Snows Marsh/Battery Channel

Dredging 03 Dec to 30 April, 2011 Dredge TERRAPIN ISLAND Ref. LNM 49/10.

NC Cape Fear River/Wilmington

Dredging 08 Oct to 31 Jan, 2011 Dredge CHEROKEE Ref. LNM 41/10.

NC AIWW /Myrtle Grove to Little River/Figure 8 Island/Mason Creek/Banks Channel/Nixon Channel

Dredging 15 Nov to 30 Mar, 2011 Cottrell Contracting Corp. Ref. LNM 45/10.

NC Beaufort Inlet Channel/Morehead City Channel

Dredging 16 Nov to 30 Apr., 2011 Dredge SAVANNA Ref. LNM 45/10.

NC AIWW/Topsail Inlet/Banks Channel

Dredging 12 Dec to 31 Mar, 2010 Dredge CHESAPEAKE Ref. LNM 49/10.

NC New River to Cape Fear River/Carolina Beach Inlet Crossing

Dredging 05 Jan to 08 Feb, 2011 Cottrell Dredging Ref. LNM 01/11

NC New River to Cape Fear River/New River Crossing

Dredging extended until 10 Jan, 2011 Dredge LEXINGTON

SUMMARY OF REPORTED HAZARDS TO NAVIGATION/ SHOALING

NJ –NJICW – ATLANTIC CITY TO CAPE MAY

Shoaling to a depth of 2.5 ft MLW has been reported between NJICW Buoy 417 (LLNR 36517) and NJICW Buoy 425 (LLNR 36540). Chart: 12316. Ref. LNM 44/10.

VA – JAMES RIVER – JORDAN POINT - SHOALING

Shoaling to a depth of 20 feet MLW has been reported approximately 1000feet west of James River Lighted Buoy 89 (LLNR 12385) and James River Lighted Buoy 91 (LLNR 12405) extending from the edge of the channel to the centerline on the red side of the channel. Chart: 12251. Ref. LNM 45/10.

NJ - GREAT EGG HARBOR INLET

Shoaling has been reported around Great Egg Harbor Inlet Buoy 3 (LLNR 1277) Chart 12318 Ref. LNM 27/10.

VA - CAPE HENRY TO THIMBLE SHOAL LIGHT - LYNNHAVEN INLET - CRAB CREEK

Shoaling to a depth of less than 1.3 feet MLW has been reported in the vicinity of Crab Creek Buoy 4 (LLNR 10157.02) and shoaling to a depth of 2.0 feet MLW between Crab Creek Entrance Buoy 3CC (LLNR 10157.01) and Crab Creek Buoy 7 (LLNR 10157.05). Chart: 12254. Ref. LNM 43/10.

VA – CAPE HENRY TO THIMBLE SHOAL LIGHT – LYNNHAVEN RIVER – LONG CREEK

An Army Corps of Engineers survey indicates shoaling from tLong Creek Channel Daybeacon 5 (LLNR 10166) and extending to Long Creek Channel Daybeacon 10 (LLNR 10170), with depths of between 3.8 to 7.0 feet MLW . Chart: 12254 . Ref. LNM 44/10.

VA – VIRGINIA INSIDE PASSAGE (VIP)

Shoaling has been reported with less than 1FT at mean low water between Virginia Inside Passage Light 160 (LLNR 6145) and Virginia Inside Passage Daybeacon 161 (LLNR 6150) Chart 12210 Ref. LNM 27/10.

Shoaling has been reported with less than 2FT at mean low water between Virginia Inside Passage Light 169 (LLNR 6180) and Virginia Inside Passage Light 173 (LLNR 6190) Chart 12210 Ref. LNM 27/10.

VA – Virginia Inside Passage to Great Machipongo Inlet

Shoaling has been reported with less than 2FT at mean low water between Virginia Inside Passage Daybeacon 178 (LLNR 6205) and North Channel Junction Light NC (LLNR 6875), Chart 12210 Ref. LNM 27/10.

NC – CAROLINA BEACH INLET – SHOALING

Shoaling has been reported in Carolina Beach Inlet at Carolina Beach Inlet Buoy 7 (LLNR 30295). The shoal is exposed to approximately 2.0 feet above MHW. Chart: 11541. Ref. LNM 52/10.

NC – BEAUFORT INLET AND SOUTHERN CORE SOUND – BEAUFORT HARBOR CHANNEL - SHOALING

Shoaling to a depth of 7.0 feet MLW has been reported between Beaufort Harbor Channel Buoy 2 (LLNR 34805) and Beaufort Harbor Channel Buoy 2A (LLNR 34807). Chart: 11545. Ref. LNM 01/11.

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – OLD TOPSAIL CREEK/BANKS CHANNEL – SHOALING

A ACOE survey conducted 12 November, 2010, indicates shoaling to a depth of 2.0 feet MLW throughout the channel.
B ACOE survey indicates shoaling to a depth of 3.0 feet MLW throughout the channel. Chart: 11541. Ref. LNM 49/10.

NC – HATTERAS INLET - SHOALING

Shoaling to a depth of 4.0 feet MLW has been reported between Hatteras Inlet Channel Light 12 (LLNR 28732) and Hatteras Inlet Channel Light 16 (LLNR 28750). Chart: 11555. Ref. LNM 45/10.

NC – NEUSE RIVER TO MYRTLE GROVE SOUND – NEW TOPSAIL INLET – SHOALING

A USACOE survey conducted 17 September, 2010 indicates shoaling to a depth of 2.3 feet MLW between New Topsail Inlet Buoy 1 (LLNR 29975) and New Topsail Inlet Buoy 2 (LLNR 29985) and shoaling to a depth of 0.3 feet MLW channelward of new Topsail inlet lighted Buoy 5 (LLNR 30010). Chart: 11541 Ref LNM 39/10.

NC – ALBEMARLE SOUND TO NEUSE RIVER - ALLIGATOR RIVER – SHOALING

Shoaling to a depth of 4.0 ft MLW has been reported in the vicinity of Alligator River Light 7 (LLNR 37845) and Alligator River Light 8 (LLNR 37850). Chart: 11553. Ref. LNM 20/10.

* Note: Shoaling articles abstracted from the LNM's are run for a period of 6 months only.

Summary of Bridge Permits/Regulations/Construction

(Yellow indicates new item)

Permits:

SECTOR BALTIMORE

- **Maryland, Washington DC & Virginia (Northern)**

Anacostia River – 11th Street (fixed) Bridges - Plans propose three new bridges and removal of the existing bridges with the exception of some piers. The work on the bridge piers is complete. The contractor is currently forming the pier caps for the two upstream bridges, will begin setting girders for these bridges this fall and will complete these bridges in late summer/ early fall of 2011. (POC Mr. B. Brazier)

Boundary Channel – George Washington Memorial Parkway /Humpback (fixed) Bridge –Reconstruction continues. (POC Mr. T. Knowles)

Potomac River – US 301/Harry W. Nice Memorial (lift) Bridge Crossing - Study is underway to consider rehabilitation or replacement of existing bridge. (POC Ms. L. Middleton)

SECTOR DELAWARE BAY

- **Delaware**

Indian River Inlet – SH 1 (fixed) Bridge – new bridge is under construction. Cracks had formed in concrete slabs, but no project delay is expected. Slabs had not been installed yet. Through 28 FEB 11, a traveler platform will be used along the bottom of the new bridge reducing the available vertical clearance beneath the traveler to approximately 14 feet above MHW. The remainder of the waterway will be open to navigation with a vertical clearance of approximately 35 feet above MHW. (POC Mr. T. Knowles)

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

Mantua Creek Bridge - a proposal has been issued for the construction of a 2-lane access road and bridge that will span Mantua Creek to divert heavy traffic from the Paulsboro Marine Terminal away from the residential and business districts, on the former sites of the BP Oil Terminal and Essex Industrial Chemicals property, which has a direct connection to Interstate-295. Proposed vertical clearance is 25 feet above MHW, with a horizontal clearance of 100 feet between the fenders. Issued a second Public Notice 5-1204 (a); comment period ended on 22 DEC 10. (POC Mr. T. Knowles)

- **Pennsylvania**

Schuylkill River – South Street (fixed) Bridge – Work is in progress until SEP 12 for reconstruction. The project requires scour protection around the foundations of the river piers and underwater concrete repairs to the pier face. (POC Mr. W. Gregory)

SECTOR HAMPTON ROADS

- **Maryland** - None

- **Virginia (Southern)**

Black Narrows, Chincoteague and Lewis Creek Channels – Work continues to complete construction of the spur to Marsh Island. The demolition of the old span should be completed by 31 JAN 11. (POC Mr. W. Gregory)

Broad and Smith Creeks – Norfolk Light Rail Transit (fixed) Bridge – Hampton Roads Transit began construction for a replacement railroad bridge for light rail transit. Expected completion date is MAR 2011. (POC Mr. B. Brazier)

SECTOR NORTH CAROLINA

- **North Carolina**

AIWW – 2nd Oak Island Bridge – New high-level fixed bridge is under construction. (POC Mr. T. Knowles)

AIWW (Alternate Route) – Pasquotank River – US 158 (lift) Bridge – NCDOT proposes to replace existing eastbound structure with a wider drawbridge on a new alignment. Public Notice 5-1181 issued; comment period ended 21 JUN 10. (POC Ms. L. Middleton)

Cape Fear River – Wilmington Bypass (fixed) Bridge – Permit application under review; held-up due to Environmental Justice issues. (POC Mr. T. Knowles)

Gallants (Beaufort) Channel – US 70/Grayden Paul (lift) Bridge – NCDOT proposes a plan to replace the existing bridge with 65-foot fixed structure. Issued a second Preliminary Public Notice-5-1197 (a) on 18 NOV 10; comment period ended on 20 DEC 10, to assist in determining adequate horizontal and vertical clearances. (POC Mr. B. Brazier)

Regulations:

SECTOR BALTIMORE

- **Maryland**

Curtis Creek – Pennington Avenue (lift) Bridge – On 1 NOV 10, the City of Baltimore appealed the 5th District withdrawal of the NPRM to CGHQ Bridge Office. CGHQ has up to 90 days from the date of the appeal to respond. Withdrawal published in Federal Register on 3 SEP 10. City of Baltimore proposed to eliminate the need for a bridge tender by allowing the bridge to be operated from a remote location. (POC Ms. L. Middleton)

Curtis Creek – Pennington Avenue (lift) Bridge – Structural repairs to continue; closed to navigation to include single leaf operation on different dates and times beginning 21 JAN 11 through NOV 11. (POC Mr. B. Brazier)

Sassafras River – SR 213 (lift) Bridge – Closed to vessels from 10-21 JAN 11, to effect mechanical repairs. (POC Mr. T. Knowles)

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

SECTOR DELAWARE BAY

- **Delaware** – None

- **New Jersey (Central & Southern)**
 ICW – Great Channel – Stone Harbor Blvd Bridge – Closed to navigation until further notice due to mechanical difficulties. (POC Mr. T. Knowles)
 ICW – Point Pleasant Canal – Route 88 (vertical-lift) Bridge – Closed to navigation until 2359 on 15 MAR 11, to facilitate electrical and mechanical repairs. (POC Mr. W. Gregory)
 Mantua Creek – S.R. 44 (vertical-lift) Bridge – Drafting Withdrawal. NPRM proposes to operate on an advance notice year-round. (POC Mrs. S. Elliott)
 Shark River – Route 71 (lift) Bridge – Electrical and mechanical rehabilitation are in progress through 1 MAY 11; drawbridge will be maintained in the open position to vessels for the duration. (POC Mr. W. Gregory)
- **Pennsylvania** - None

SECTOR HAMPTON ROADS

- **Maryland** – None
- **Virginia (Southern)**
 AIWW – Elizabeth River Southern Branch – Gilmerton (lift) Bridge – A test deviation and NPRM were published in the Federal Register. Public Notices 5-1206 and 5-1207 were issued on 19 NOV 10, respectively; comment period ends for each on 18 APR 11. Until 18 JUN 11, the test deviation will allow the draw to open on signal at anytime for vessels carrying hazardous materials; need not open from 0630 to 0930 and from 1530 to 1830 MON-FRI excluding Fed holidays, except to open on signal for commercial vessels with 2-hours advance notice; from 0930 to 1530 and from 0630 to 1830 on SAT, SUN and Fed holidays, open on signal hourly on the half-hour, except to open on signal for vessels with 2-hours advance notice; at all other times, open on signal. Concurrently, NPRM proposes to temporarily change the regulations on the same opening schedule until DEC 2013. (POC Mr. B. Brazier)
 Elizabeth River Eastern Branch – Berkley (lift) Bridge – Final Temporary Rule issued in the Federal Register. Through 5 OCT 12, the rule will temporarily allow the drawbridge to open on signal between 0900-0930, 1100-1130, 1300-1330, and 1430-1450, Mon to Fri except Federal holidays, with new operating procedures for transiting vessels. (POC Mr. T. Knowles)

SECTOR NORTH CAROLINA

- **North Carolina** – none

Construction:

SECTOR BALTIMORE

- **Maryland**
 Patapsco River – Francis Scott Key (fixed) Bridge – Navigational lighting rehabilitation is in progress through 28 FEB 11. (POC Ms. L. Middleton)
 Potomac River – US 301/Harry W. Nice Memorial (lift) Bridge – Navigational lighting rehabilitation is in progress through 31 JAN 11. (POC Ms. L. Middleton)
 Various Waterways in Maryland – Fiber optic cables will be installed by aerial attachment to existing bridges crossing over tidal waterways. (POC Mr. W. Gregory)
- **Washington DC** - None

SECTOR DELAWARE BAY

- **Delaware** - None
- **New Jersey (Central & Southern)**
 Raccoon Creek – CONRAIL Railroad (swing) Bridge – CG notified bridge owner that the deteriorated fenders and piles present a hazard to navigation. (POC Mr. W. Gregory)
 Shark River – Route 71 (lift) Bridge - Spans 1, 2, 5 and 6 will be closed through 4 MAY 11 to accommodate temporary work platforms. Access to the navigable channel will not be impeded. (POC LT C. Ott CG Sector Delaware Bay)
 Shark River – Route 71 (lift) Bridge - Water quality observations are in progress through 2010. (POC Mr. W. Gregory)
- **Pennsylvania**
 Schuylkill River – Girard Street (fixed) Bridge – Inspections are ongoing from 0700 to 1530 MON - SAT until further notice. (POC LT C. Ott CG Sector Delaware Bay)

SECTOR HAMPTON ROADS

- **Maryland** - none
- **Virginia (Southern)**
 Rappahannock River - Robert Opie Norris (fixed) Bridge – Painting operations and structural steel repairs will be conducted until 31 OCT 2011. (POC Mr. W. Gregory)

SECTOR NORTH CAROLINA

- **North Carolina**
 Banks Channel - Br-21 & Br-24 (fixed) Bridges - superstructure and substructure repairs not completed and the contractor has demobilized. Work is progress through 20 MAY 11. (POC Mr. W. Gregory)
 Perquimans River – US 17 (fixed) Bridge – Sandblasting and painting operations is scheduled until 1800 on 8 FEB 11 with scaffolding reducing the vertical clearance to 29 feet above MHW. (POC Mr. W. Gregory)

SUMMARY OF D5 MARINE EVENTS

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

Mariners are advised that the Annapolis Yacht Club's 2010-2011 Frostbite Series sail races are scheduled to occur on the Severn River each Sunday afternoon from **on January 1, 2011, and each Sunday afternoon from February 6, 2011 through March 20, 2011**, between 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 100 participating sailboats and auxiliary sailboats (18 to 49 feet). 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 69 VHF-FM, if necessary. Chart 12282.

NC – NEUSE RIVER TO MYRTLE GROVE SOUND–MARINE EVENT

Mariners are advised that the "3rd Annual Cold Stroke Classic" event will be conducted on **January 15, 2011** from 11 a.m. to 1 p.m. This event will include approximately 75 stand-up paddle boards ranging from 9 to 18 feet in length. The event will start at the Dockside Restaurant proceed around Harbor Island and conclude back at the Dockside Restaurant. No restrictions will be placed on the use of any navigable waters by other parties. For any comments or questions, contact the Marine Event Coordinator at Coast Guard Sector North Carolina, (252) 247-4525, or at NCMarineEvents@uscg.mil.