U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 1 Week: 42/16

COASTAL WATERS FROM EASTPORT, MAINE TO SHREWSBURY, NEW JERSEY

NOTES:
(1) Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity of assigned position. Mariners should proceed with caution.
(2) The Local Notice to Mariners is a weekly edition.
(3) Inquiries, published articles or Information: mail to:LNM@uscg.mil
(4) The U.S. Coast Pilot supplements the navigational information shown on nautical charts.
(5) The Coast Pilot, along with its corrections, are available online at http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm .

The Local Notice to Mariners is available online at http://www.navcen.uscg.gov/?pageName=lnmDistrict&region=1
The updated 2016 Light List is available online at: http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates
Information on Private Aids to Navigation is available at: http://www.uscg.mil/d1/prevention/NavInfo/navinfo/paton.htm
Reports of Channel conditions can be found at the Army Corps of Engineers website at:
http://www.nan.usace.army.mil/Missions/Navigation/ControllingDepthReports.aspx .
NOAA Tides and Currents can be found at: http://tidesandcurrents.noaa.gov/ .

The United States Coast Guard Navigation 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 for GPS and DGPS. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website: http://cgls.uscg.mil/mailman/listinfo/nanu . In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or AIS service. Users are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, mail to: tis-sg-nisws@uscg.mil , or on the internet at:
http://www.navcen.uscg.gov .

PLEASE IMMEDIATELY REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

COMMANDER, FIRST COAST GUARD DISTRICT (dpw)
408 Atlantic Avenue, Boston, Massachusetts 02110-3350
Telephone: (617) 223-8356
24 Hour FAX: (617) 223-8291
http://www.uscg.mil/d1/prevention/Marineinforegulations.asp

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

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

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

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

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
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
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:

SNNE- U.S. Coast Guard Sector Northern New England
SBOS- U.S. Coast Guard Sector Boston
SSENE- U.S. Coast Guard Sector Southeastern New England
SLIS- U.S. Coast Guard Sector Long Island Sound
SNEW- U.S. Coast Guard Sector New York

AIS - Automatic Identification System
AtoN - Aids to Navigation
LLNR - Light List Number
NM - Nautical Mile

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

NOTICE TO ALL PRIVATE BOATS AT SEA

United States laws and regulations require that ALL private boats arriving from a foreign port or place MUST report to the Bureau of Customs and Border Protection IMMEDIATELY upon their arrival into the United States. Every person entering the United States must be seen in person for immigration purposes by a Customs and Border Protection officer, except those participating in the I-68 -Canadian Border Boat Landing Program-. However, holders of form I-68 are still required to report their arrival into the United States to the Bureau of Customs and Border Protection. Masters and passengers must provide proof of citizenship or legal immigration status, and be in possession of a valid passport and visa, if required. Citizens of countries that are participants in the Visa Waiver Program are not eligible to seek admission to the United States under that program via private vessel. Once your boat is anchored or tied, you are considered to have entered the United States. No one may leave the vessel until Customs and Border Protection grants permission. The only exception to this requirement is to report arrival. In order to fulfill the requirement to immediately report a private boat arrival, the master of the vessel must contact the nearest Customs and Border Protection Office, or if the arrival occurs after business hours, the nearest 24 hour port of entry. Upon reporting, you may be required to proceed to a staffed port for inspection by Customs and Border Protection. Failure to comply with these requirements could result in serious criminal and civil penalties, including seizure of the boat. International mariners are urged to report any suspicious or illegal activity to the Bureau of Customs and Border Protection at 1-800-BE-ALERT.

LNM 09/15

NY/NJ – OPERATION CLEAR CHANNEL IN THE PORT OF NY/NJ

The Operation Clear Channel program is designed to educate boaters about the hazards of operating small vessels and personal watercraft in the confines of navigational channels used by larger commercial ships. Federal Navigation Rules, also known as the “Rules of the Road”, address this safety concern by giving commercial vessels priority, or right-of-way, over smaller vessels when navigating in narrow channels. An average of 1,400 commercial vessels navigate the waters of the Port of NY/NJ every day and the masters of these vessels, while always on the lookout,

cannot always see smaller vessels operating within the channels.

Recreational boaters should keep a sharp lookout and always be prepared to give way to ships constrained in their ability to maneuver, especially when operating within close proximity of a channel. U.S. Coast Guard units in New York and New Jersey actively promote boater awareness through vessel enforcement patrols and visits to local marinas. The U.S. Coast Guard focuses Operation Clear Channel efforts on high-traffic regions, such as Ambrose Channel, Sandy Hook Channel and Raritan Bay, but patrols all of New York Harbor in an effort to promote awareness. Mariners interested in increasing their knowledge of boating safety, including the "Rules of the Road", should consider a U.S. Coast Guard Auxiliary boating safety course. Course information is available online at http://www.cgaux.org in the "Take a Boating Course" section, or by calling 1-800-336-BOAT. Further information can be found at http://thesafeharbor.us/index.html

LNM 02/15

SAFE BOATING VIDEO FOR THE PORT OF NY & NJ

This free online educational resource for safe boating in the Port of NY & NJ is a cooperative effort by the I BOAT NJ program through NJ DOT and U.S. Coast Guard Sector New York. The project contains a feature length 26 minute safety video describing the challenges of the multi user Port environment and 5 sub chapters: Paddlers, Motor Boaters, Sailors, Pilots and Operation Clear Channel. Its mission is to increase safety and awareness in the Port and its target is recreational boaters who transit and operate in the Port. It can be found online at http://thesafeharbor.us/index.html. Please distribute far and wide.

LNM 07/15

US NOTICE TO MARINERS (NTM)

The US Notice to Mariners provides timely marine safety information for the correction of all US Government navigation charts and publications from a wide variety of sources both foreign and domestic. To ensure the safety of life at sea, the information published in the Notice to Mariners is designed to provide for the correction of unclassified nautical charts, the Unclassified NGA/DLIS Catalog of Hydrographic Products, United States Coast Pilots, NGA List of Lights, USCG Light Lists, and other related nautical publications produced by NGA, NOS and the U.S. Coast Guard. The US Notice to Mariners will contain only those chart corrections of interest to ocean going vessels. It is available online at http://msi.nga.mil/NGAPortal/MSI.portal?_nfpb=true&_pageLabel=msi_portal_page_61 . NTM 01 – Special Paragraphs includes information on: America's Waterway Watch program asking those who work, live, or recreate on or near the water to be aware of suspicious activity, The Prudent Mariner and the use of floating Aids to Navigation, and Northern Right Whales.

LNM 07/15

MARINER ALERT-SHIP/WHALE COLLISIONS

Collisions between vessels and whales are a threat to a number of endangered large whale species – most notably, the right whale. The United States has established measures to reduce this threat. A vessel speed restriction requires that vessels 65 feet or greater in length travel 10 knots or less in certain areas and on a rolling basis at certain times where endangered right whales may be present: http://www.fisheries.noaa.gov/pr/pdfs/shipstrike/compliance_guide.pdf). This rule applies within 20 nautical miles around all major ports and in other locations along the U.S. eastern seaboard. Temporary voluntary speed limits also may be imposed in other areas when an aggregation of three or more right whales is confirmed. In addition, ships 300 gt and greater are required to report their location and speed to a USCG shore station in certain prescribed areas: http://www.nmfs.noaa.gov/pr/shipstrike/msr.htm . A computer-based interactive guide and training resource for mariners is available at: http://www.greateratlantic.fisheries.noaa.gov/shipstrike/doc/mtr.html . The guide provides information on endangered whales, recommended navigational actions when operating in whale habitat, a guide to reporting sightings of dead or injured right whales, and related information. Additional steps mariners can take to help reduce the chances of hitting a right whale can be found at: http://www.nero.noaa.gov/shipstrike/doc/guidelines%20placard_high.pdf .

LNM 02/15

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
35	Seguin Light	SS WEAK	13295	SNNE-0059-16	21/16	
1475	Pomp Island Ledge Daybeacon 2	DAYMK MISSING	13326	SNNE-0215-15	02/16	
1665	**Narraguagus River Buoy 2**	**OFF STA**	**13324**	**SNNE-0145-16**	**42/16**	
1680	**Narraguagus River Buoy 5**	**SINKING**	**13324**	**SNNE-0146-16**	**42/16**	
1925	Grindstone Ledge Daybeacon	TMK MISSING/STRUCT DMGD	13322	SNNE-0091-16	28/16	
2065	East Bunker Lighted Gong Buoy 2	SS INOP	13321	SNNE-0100-16	30/16	
2740	Blue Hill Rock Buoy 3	MISSING	13313	SNNE-0108-16	31/16	

5405	Bantam Rock Lighted Bell Buoy 2BR	SS INOP	13293	SNNE-0098-16	30/16
5590	Seguin Light	SS WEAK	13295	SNNE-0059-16	21/16
5625	Griffith Head Ledge Buoy 3	SINKING	13295	SNNE-0143-16	41/16
8940	Hampton Harbor Channel Buoy 7	MISSING	13274	SBOS-0080-16	36/16
9320	Plum Island Sound Entrance Buoy 6	MISSING	13279	SBOS-0085-16	40/16
11135	**Lower Middle Channel Buoy 4**	**SINKING**	**13272**	**SBOS-0093-16**	**42/16**
11635	Spiers Stand Daybeacon	MISSING	13270	SBOS-0059-16	30/16
11675	Harry's Rock Light HR	STRUCT DMGD	13270	SBOS-0194-15	33/15
11685	**Weymouth Fore River Channel Lighted Buoy 9**	**OFF STA**	**13270**	**SBOS-0089-16**	**42/16**
13535	Pollock Rip Channel Lighted Gong Buoy 4	SS INOP	13244	SSENE-0216-16	39/16
15134	Nantucket Sound Coast Guard Mooring Buoy	MISSING	13241	SSENE-0198-16	35/16
16736	Southwest Approach Lighted Bell Buoy 8	SS INOP	13232	SSENE-0206-16	37/16
19450	Point Judith Light	SS INOP	13219	SSENE-0111-16	20/16
21070	Bartlett Reef Light	REDUCED INT	13211	SLIS-0129-16	24/16
21325	Eatons Neck Light	REDUCED INT/SS INOP	12365	SLIS-0109-16	13/16
21400	Great Captain Island Light	SS IMCH	12367	SLIS-0179-16	37/16
24990	Norwalk Channel Light 10	LT EXT	12368	SLIS-0198-16	40/16
25690	Milton Harbor Buoy 10	OFF STA	12367	NONE	29/16
27060	**Mott Point Bell Buoy 6**	**OFF STA**	**12366**	**NONE**	**42/16**
27275	**East River Main Channel Buoy ER**	**SINKING**	**12339**	**SNEW-0445-16**	**42/16**
29135	Fire Island Inlet Lighted Buoy 6	MISSING/TRLB	12352	SLIS-0182-16	38/16
36135	Raritan Bay Channel Lighted Bell Buoy 10	LT EXT	12331	SNNE-0143-16	41/16
36135	Raritan Bay Channel Lighted Bell Buoy 10	OFF STA	12331	SNEW-0438-16	41/16
38290	Kingston Flats Light KF	STRUCT DMGD	12347	SNEW-0015-15	03/15
38400	Hudson River Lighted Buoy 99	OFF STA	12347	SNEW-0376-16	38/16
38435	Silver Point Range Rear Light	LT EXT	12347	NONE	35/16
38460	Inbocht Bay Light IB	LT EXT	12347	SNEW-0428-16	41/16

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
230	Halfway Rock Buoy 4	WATCHING PROPERLY	13283	SNNE-0140-16	38/16	42/16
4180	Rockland Harbor Bypass Channel Buoy 7	WATCHING PROPERLY	13307	SNNE-0144-16	41/16	42/16
4590	Seal Island Ledge Buoy 3	WATCHING PROPERLY	13303	SNNE-0111-16	31/16	42/16
6960	Harraseeket River Buoy 7	WATCHING PROPERLY	13290	SNNE-0147-16	42/16	42/16
9145	Steamboat Channel North Junction Buoy SCN	WATCHING PROPERLY	13282	SBOS-0065-16	31/16	42/16
10715	Boston North Channel Lighted Buoy 8	WATCHING PROPERLY	13270	SBOS--0090-16	42/16	42/16
12955	Plymouth Harbor Channel Light 17	WATCHING PROPERLY	13253	SBOS-0087-16	40/16	42/16
13280	Long Point Shoal Lighted Bell Buoy 3	WATCHING PROPERLY	13249	SSENE 0225-16	41/16	42/16
14050	Saquatucket Harbor East Jetty Light 6	WATCHING PROPERLY	13229	SSENE-0213-13	43/13	42/16
15835	Woods Hole Passage Lighted Bell Buoy 13	WATCHING PROPERLY	13235	SSENE-0120-16	21/16	42/16
18150	Musselbed Shoals Light 6A	WATCHING PROPERLY	13223	SSENE-0128-16	23/16	42/16
18160	Musselbed Shoals Directional Light	WATCHING PROPERLY	13223	SSENE-0180-16	31/16	42/16
22200	Pride Pier Light 40	WATCHING PROPERLY	12372	SLIS-200-16	42/16	42/16
22210	Burnt House Pier Light 42	WATCHING PROPERLY	12372	SLIS-0201-16	42/16	42/16
24325	Milford Harbor Channel Buoy 8	WATCHING PROPERLY	12370	SLIS-0184-16	39/16	42/16
27630	South Brother Island Channel Buoy 9	WATCHING PROPERLY	12339	SNEW-0446-16	42/16	42/16
34555	Winhole Channel Buoy 1	WATCHING PROPERLY	12350	SNEW-0447-16	42/16	42/16
35135	Sandy Hook Channel Range Front Light	WATCHING PROPERLY	12401	SNEW-0443-15	39/15	42/16
38615	Hudson River Lighted Buoy 143	WATCHING PROPERLY	12347	SNEW-0452-16	42/16	42/16
39105	Hudson River Buoy 242	WATCHING PROPERLY	14786	NONE	40/16	42/16
39720	Juniper Island Rock Buoy 5	WATCHING PROPERLY	14782	NONE	28/16	28/19

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
369.5	**Neptune LNG Deepwater Port Lighted Hazard Buoy**	**LT EXT**	**13275**	**NONE**	**42/16**	
415	WHOI Traffic Separation Scheme Research Lighted Buoy AB-1	ADRIFT	13274	SBOS-0037-16	16/16	
651	ACOE Block Island Lighted Research Buoy 154	OFF STA/LT EXT	12300	SSENE-0183-13	37/13	
1013.1	ORPC Cobscook Bay Lighted Buoy NE	OFF STA	13396	SNNE-0065-16	23/16	
2293	WHOI Research Lighted Buoy DMON MDR	OFF STA/LT EXT	13313	SNNE-0074-16	25/16	
2931	Buck's Harbor East Channel Buoy 1	MISSING	13309	SNNE-0147-15	30/15	
8566.1	New Hampshire DES Oil Boom Deployment Lighted Buoy B	MISSING	13285	NONE	27/16	
9416.4	Ipswich River Buoy 6	OFF STA	13282	SBOS-0239-15	51/15	
10135	Dion Yacht Yard Channel Daybeacon 1	DAYMK IMCH	13276	SBOS-0198-15	34/15	
10138	Dion Yacht Yard Channel Daybeacon 7	DAYMK IMCH	13276	SBOS-0199-15	34/15	
10138.1	Dion Yacht Yard Channel Daybeacon 8	DAYMK IMCH	13276	SBOS-0200-15	34/15	
10139	Dion Yacht Yard Channel Daybeacon 9	DAYMK IMCH	13276	SBOS-0201-15	34/15	
10140	Dion Yacht Yard Preferred Channel Daybeacon	DAYMK IMCH	13276	SBOS-0197-15	34/15	
10926	Fan Pier South Hazard Lighted Buoy	LT EXT	13272	SBOS-0084-15	12/15	
10974	Chelsea Creek NSTAR Hazard Buoy	MISSING	13272	SBOS-0066-15	09/15	
11119	Logan Airport Security Zone Buoy 9	OFF STA	13270	SBOS-0069-16	32/16	
11411	Nantasket Roads DRC Lighted Hazard Buoy A	LT IMCH	13270	SBOS-0138-15	28/15	
11411.1	Nantasket Roads DRC Lighted Hazard Buoy B	MISSING	13270	SBOS-0093-15	14/15	
11411.2	Nantasket Roads DRC Lighted Hazard Buoy C	OFF STA/LT EXT	13270	SBOS-0094-15	10/15	
14833	Waquoit Bay West Jetty Light	STRUCT DEST	13229	SSENE-0234-15	18/15	
14925	Eel Pond West Jetty Light 3	OFF STA	13229	NONE	24/16	
16926.4	New Bedford South Terminal Buoy 5	OFF STA	13232	SSENE-0251-15	21/15	
16926.5	New Bedford South Terminal Buoy 6	OFF STA	13232	SSENE-0250-15	21/15	
17550	Westport River West Branch Channel Buoy 1	OFF STA/LT IMCH	13228	NONE	34/16	
17551	Westport River West Branch Channel Buoy 11	OFF STA/LT IMCH	13228	NONE	34/15	
17915.1	Coasters Harbor Navy Channel Buoy 1	MSLD SIG	13223	SSENE-0140-14	31/14	
17915.2	Coasters Harbor Navy Channel Buoy 2	OFF STA/MSLD SIG	13223	SSENE-0141-14	31/14	
17915.3	Coasters Harbor Navy Channel Buoy 4	MSLD SIG	13223	SSENE-0142-14	31/14	
18131	Carnegie Abbey Yacht Club Buoy 1	MISSING	13223	SSENE-0137-16	24/16	
18133	Carnegie Abbey Yacht Club Channel Light 3	LT IMCH	13223	NONE	28/16	
18134	Carnegie Abbey Yacht Club Channel Light 4	LT IMCH	13223	NONE	28/16	
19275	Quonset Point Terminal Approach Buoy EB-B	MISSING	13223	NONE	17/16	
20367	Pawcatuck River Channel Daybeacon 23	LT EXT	13214	SLIS-0151-16	28/16	
21730	East End Oysters Aquaculture Lighted Buoy	OFF STA	12354	SLIS-0197-16	40/16	
23707.9	Hammonasset River Daybeacon 62	DAYMK MISSING	12374	SLIS-0333-15	34/15	
23775	West River Entrance Buoy 2W	MISSING	12373	SLIS-0166-16	34/16	
23790	West River Entrance Buoy 5	OFF STA	12373	SLIS-0058-16	09/16	
26090	Mount Sinai Harbor Buoy 3	OFF STA	12362	SLIS-0167-16	34/16	
26350	Nissequogue River Lighted Buoy 14	OFF STA	12364	SLIS-0266-15	27/15	
27805	**Threemile Harbor Buoy 5**	**OFF STA**	**13209**	**SLIS-0205-16**	**42/16**	
28590	Wooley Pond Entrance Lighted Buoy 1	LT EXT	12358	NONE	26/16	
29790	Corey Creek Entrance Light 2	LT EXT	12352	SLIS-0109-16	22/16	
36665	Maurer North Range Front Light	LT EXT	12331	SNEW-0247-16	28/16	

36670	Maurer North Range Rear Light	LT EXT	12327	SNEW-0247-16	28/16
37856	UWNY Pilot Intake Lighted Hazard Buoy	MISSING	12343	NONE	35/16
39482	Lake Champlain Research Institute Data Lighted Buoy A	OFF STA	14782	SNNE-0118-16	32/16

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
27805	Threemile Harbor Buoy 5	WATCHING PROPERLY	13209	SNEW-0077-16	15/16	42/16

PLATFORM DISCREPANCIES

Nam	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Nam	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
201	UNH Jeffreys Ledge Moored Observatory Lighted Buoy	DISCONTINUED	13278	NONE	16/15	
226	UNH Isle of Shoals CO2 Research Lighted Buoy	DISCONTINUED	13274	SNNE-0151-14	31/14	
560	NOAA Data Lighted Buoy 44018	DISCONTINUED	13203	SENE-0057-16	13/16	
760	Shrewsbury Rocks Lighted Buoy 1	DISCONTINUED	12324	SNEW-0168-16	23/16	
1135	Stone Island Ledge Daybeacon 3	DISCONTINUED	13326	SNNE-0032-13	11/13	
3375	Isle Au Haut Thorofare Daybeacon 4	DISCONTINUED	13305	SNNE-0221-14	01/16	
6260	Upper Kennebec River Channel Buoy 23	TRUB	13298	SNNE-0029-16	15/16	
7396	Cousins Island Channel Buoy 1	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.1	Cousins Island Channel Buoy 3	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.2	Cousins Island Channel Buoy 4	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.3	Cousins Island Channel Buoy 5	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.4	Cousins Island Channel Buoy 7	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.5	Cousins Island Channel Buoy 8	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.6	Cousins Island Channel Buoy 9	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.7	Cousins Island Channel Buoy 10	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.8	Cousins Island Channel Buoy 11	DISCONTINUED	13290	SNNE-0080-15	19/15	
7396.9	Cousins Island Channel Buoy 12	DISCONTINUED	13290	SNNE-0080-15	19/15	
7397	Cousins Island Channel Junction Buoy	DISCONTINUED	13290	SNNE-0080-15	19/15	
8945	Hampton Harbor North Jetty Daybeacon 8	DISCONTINUED	13274	SNNE-0141-16	39/16	
9025	Merrimack River Bar Guide Light	DISCONTINUED	13282	SBOS-0087-15	12/15	
9805	Annisquam River South Entrance Daybeacon	DISCONTINUED FOR DREDGING	13281	SBOS-0143-14	34/15	
9920	Gloucester Inner Harbor Junction Lighted Buoy GH	DISCONTINUED FOR DREDGING	13281	SBOS-0230-15	47/15	

9990	Whaleback Daybeacon 8	DISCONTINUED	13275	SBOS-0076-13	01/16
12170	Cohasset Western Channel Daybeacon 5	TRLB	13269	NONE	25/16
13037	USGS Research Lighted Buoy W	DISCONTINUED	13246	SLIS-0278-15	29/15
13333	North Beach Cut Mid-Channel Buoy A	DISCONTINUED	13248	SENE-0284-15	27/15
13333.1	North Beach Cut Mid-Channel Buoy B	DISCONTINUED	13248	SENE-0284-15	27/15
13333.2	North Beach Cut Mid-Channel Buoy C	DISCONTINUED	13248	SENE-0284-15	27/15
13333.3	North Beach Cut Mid-Channel Buoy D	DISCONTINUED	13248	SENE-0284-15	27/15
13333.4	North Beach Cut Mid-Channel Buoy E	DISCONTINUED	13248	SENE-0284-15	27/15
13333.5	North Beach Cut Mid-Channel Buoy F	DISCONTINUED	13248	SENE-0284-15	27/15
13333.6	North Beach Cut Mid-Channel Buoy G	DISCONTINUED	13248	SENE-0284-15	27/15
13333.7	North Beach Cut Mid-Channel Buoy H	DISCONTINUED	13248	SENE-0284-15	27/15
14800	Succonnesset Shoal Lighted Buoy 12	DISCONTINUED	13229	SENE-0275-15	27/15
19690	Block Island Old Harbor Channel Bell Buoy 1	DISCONTINUED	13217	NONE	19/16
19720	Block Island Breakwater Light 3	TRLB	13217	SSENE-0145-12	48/12
20240	Little Narragansett Bay Channel Buoy 14	TRUB	13214	NONE	26/16
20367	Pawcatuck River Channel Daybeacon 23	DISCONTINUED	13214	SLIS-0206-15	18/15
21436	UCONN Execution Rocks Research Lighted Buoy A	DISCONTINUED	12364	SNEW-0007-16	02/16
23775	West River Entrance Buoy 2W	DISCONTINUED FOR DREDGING	12373	SLIS-0108-16	22/16
23790	West River Entrance Buoy 5	DISCONTINUED FOR DREDGING	12373	SLIS-0108-16	22/16
24165	Fort Hale Channel Buoy 4	TRUB	12371	SLIS-0069-16	11/16
24320	Milford Harbor Channel Buoy 7	RELOCATED FOR DREDGING	12370	SLIS-0133-16	27/16
25055	East Norwalk Channel Buoy 2	TRUB	12368	SLIS-0164-16	34/16
25445	Cos Cob Harbor Channel Buoy 8	TRUB	12367	SLIS-0019-16	05/16
26160	Port Jefferson Directional Light	DISCONTINUED	12362	SLIS-0380-15	45/15
26895	Oyster Bay Harbor Channel Junction Lighted Buoy B	TRUB	12365	NONE	18/15
27605	South Brother Island Channel Lighted Buoy 3	DISCONTINUED FOR DREDGING	12339	SNEW-0406-16	39/16
27610	South Brother Island Channel Buoy 4	DISCONTINUED FOR DREDGING	12339	SNEW-0406-16	39/16
27615	South Brother Island Channel Lighted Buoy 5	DISCONTINUED FOR DREDGING	12339	SNEW-0406-16	39/16
27625	Rikers Island Basin Junction Lighted Buoy RI	DISCONTINUED FOR DREDGING	12339	SNEW-0406-16	39/16
34945	Gowanus Flats Lighted Bell Buoy 26	RELOCATED FOR DREDGING	12334	SNEW-0160-16	23/16
35015	Shrewsbury Rocks Lighted Buoy 1	DISCONTINUED	12324	SNEW-0168-16	23/16
35100	Sandy Hook Channel Lighted Buoy 3	RELOCATED FOR DREDGING	12401	SNEW-0159-16	23/16
35125	Sandy Hook Channel Lighted Buoy 7	RELOCATED FOR DREDGING	12324	SNEW-0159-16	23/16
35165	Sandy Hook Channel Lighted Gong Buoy 13	RELOCATED FOR DREDGING	12401	SNEW-0159-16	23/16
35190	**Sandy Hook Point Light**	**DISCONTINUED**	**12401**	**NONE**	**42/16**
36872	Bay Ridge Channel Lighted Buoy 2	RELOCATED FOR DREDGING	12327	SNEW-0160-16	23/16
38695	Hudson River Lighted Buoy 159	RELOCATED	12348	NONE	19/16
39575	Ferris Rock Isolated Danger Lighted Buoy DFR	TRUB	14782	NONE	22/16
39595	Schuyler Reef Buoy SR	TRUB	14782	SNNE-0132-16	33/16

Isle Au Haut Temporary Buoy 4	ESTABLISHED	13305	NONE	07/16
Winthrop Channel Buoy 1A	ESTABLISHED	13270	SBOS-0057-16	28/16

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Nam	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Nam	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
(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 CGD01 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.

13229 33rd Ed. 01-SEP-16 Last LNM: 40/16 NAD 83 42/16

ChartTitle: **South Coast of Cape Cod and Buzzards Bay**

Main Panel 2113 SOUTH COAST OF CAPE COD TO BUZZARDS BAY MA. Page/Side: _01

		NOS	
NEW EDITION	Scale 1: 40,000; New Edition (33 ed, 09/01/16) due to numerous Notice to Mariner changes This NOAA chart is now available in both the Print-on Demand and digital raster formats. See http://nauticalcharts.noaa.gov/mcd/dole.htm for details.	--	--

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)

CT and NY-LONG ISLAND SOUND (Connecticut and New York)-LONG ISLAND SOUND (Western Part) (Chart 12363)

The U.S. Coast Guard is will be making the following changes to Aids to Navigation to this waterway on or about 28 October 2016:

Eatons Neck Light (LLNR 21325)

Discontinue the sound signal.
Reduce the nominal range of the light from 17NM to 14NM.
Charts: 12363 12364 12365 LNM: 16/16

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)

NY-HUDSON RIVER-KINGSTON-YONKERS-ANCHORAGE GROUNDS (REVISED)

SUMMARY: The Coast Guard is considering establishing new anchorage grounds in the Hudson River from Yonkers, NY, to Kingston, NY. We are considering this action after receiving requests suggesting that anchorage grounds may improve navigation safety along an extended portion of the Hudson River, which currently has no anchorage grounds, allowing for a safer and more efficient flow of vessel traffic. The Coast Guard is seeking comments and information about the operational need for new anchorage grounds and what form possible regulations should take.
DATES: Comments and related material must be received by the Coast Guard on or before December 6, 2016.
ADDRESSES: You may submit comments identified by docket number USCG–2016–0132 using the Federal eRulemaking Portal at http://www.regulations.gov . See the "Public Participation and Request for Comments" portion of the SUPPLEMENTARY INFORMATION section for further instructions on submitting comments.
FOR FURTHER INFORMATION CONTACT: If you have questions on this document, call or email Mr. Craig Lapiejko, Waterways Management Branch at Coast Guard First District, telephone 617–223–8351, email craig.d.lapiejko@uscg.mil.

LNM: 36/16

RI-NARRAGANSETT BAY (CHART 13221)-MOUNT HOPE BAY APPROACH

The U.S. Coast Guard is considering making the following changes to Aids to Navigation to this waterway:

DISESTABLISH: Musselbed Shoals Light 6A (LLNR 18150)

CHANGE Musselbed Shoals Gong Buoy 6 (LLNR 18155) to Musselbed Shoals Lighted Buoy 6 (LLNR 18155) Red, Flashing Red 6 Seconds and DISESTABLISH the gong.

Interested Mariners are strongly encouraged to comment on this proposal in writing, either personally or through their organization. All comments will be carefully considered and are requested prior to 09 Dec 2016 to complete the process. In order to most effectively consider your feedback and improve or data collection when responding to this proposal, please include size and type of vessel, recreational or commercial, and distance from aid that you start looking for it, and if and how you use the signal. Please do not call the Coast Guard via telephone or other means, only written responses to this proposal will be accepted. Refer to Project No. 01-16-174. E-mail can be sent to: D01-SMB-DPWPublicComments@uscg.mil.

Charts: 13221 13223 13224 LNM: 41/16

NY-SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)-MORICHES INLET

The U.S. Coast Guard is considering making the following changes to these waterways:

CHANGE the seasonal status from Remove When Endangered By Ice., to "Maintained from Apr. 15 to Dec. 1"

Moriches Inlet West Cut Buoy 4W (LLNR 29106) Moriches Inlet West Cut Buoy 4W (LLNR 29106.1)
Moriches Inlet West Cut Buoy 4W (LLNR 29106.2)

Moriches Inlet East Cut Buoy 3E (LLNR 29107) Moriches Inlet East Cut Buoy 5E (LLNR 29107.1)
Moriches Inlet East Cut Buoy 7E (LLNR 29107.2) Moriches Inlet East Cut Buoy 9E (LLNR 29107.3)
Moriches Inlet East Cut Buoy 11E (LLNR 29108)

Interested Mariners are strongly encouraged to comment on this proposal in writing, either personally or through their organization. All comments will be carefully considered and are requested prior to 09 Dec 2016 to complete the process. In order to most effectively consider

your feedback and improve or data collection when responding to this proposal, please include size and type of vessel, recreational or commercial, and distance from aid that you start looking for it, and if and how you use the signal. Please do not call the Coast Guard via telephone or other means, only written responses to this proposal will be accepted. Refer to Project No. 01-16-173. E-mail can be sent to: D01-SMB-DPWPublicComments@uscg.mil.

Chart 12352 LNM: 41/16

NY-SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)-OAK ISLAND CHANNEL

The U.S. Coast Guard is considering making the following changes to these waterways:

CHANGE the seasonal status from Maintained from Apr. 1 to Nov. 15, to “Remove When Endangered By Ice.”

Oak Island Channel Junction Light SO (31380)

Interested Mariners are strongly encouraged to comment on this proposal in writing, either personally or through their organization. All comments will be carefully considered and are requested prior to 09 Dec 2016 to complete the process. In order to most effectively consider your feedback and improve or data collection when responding to this proposal, please include size and type of vessel, recreational or commercial, and distance from aid that you start looking for it, and if and how you use the signal. Please do not call the Coast Guard via telephone or other means, only written responses to this proposal will be accepted. Refer to Project No. 01-16-170. E-mail can be sent to: D01-SMB-DPWPublicComments@uscg.mil.

Chart 12352 LNM: 41/16

NY-SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)-SHINNECOCK BAY

The U.S. Coast Guard is considering making the following changes to these waterways:

CHANGE the seasonal status from Maintained from Apr. 15 to Nov. 1, to “Remove When Endangered By Ice.”

Quantuck Canal Light 7 (LLNR 30565) Quantuck Canal Light 12 (LLNR 30585)

Interested Mariners are strongly encouraged to comment on this proposal in writing, either personally or through their organization. All comments will be carefully considered and are requested prior to 09 Dec 2016 to complete the process. In order to most effectively consider your feedback and improve or data collection when responding to this proposal, please include size and type of vessel, recreational or commercial, and distance from aid that you start looking for it, and if and how you use the signal. Please do not call the Coast Guard via telephone or other means, only written responses to this proposal will be accepted. Refer to Project No. 01-16-172. E-mail can be sent to: D01-SMB-DPWPublicComments@uscg.mil.

Chart 12352 LNM: 41/16

NY-SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)-STATE BOAT CHANNEL

The U.S. Coast Guard is considering making the following changes to these waterways:

CHANGE the seasonal status from Maintained from Apr. 1 to Nov. 15, to “Remove When Endangered By Ice.”

State Boat Channel Light 42 (LLNR 31255) State Boat Channel Light 47 (LLNR 31265)
State Boat Channel Light 49 (LLNR 31275) State Boat Channel Light 68 (LLNR 31360)

Interested Mariners are strongly encouraged to comment on this proposal in writing, either personally or through their organization. All comments will be carefully considered and are requested prior to 09 Dec 2016 to complete the process. In order to most effectively consider your feedback and improve or data collection when responding to this proposal, please include size and type of vessel, recreational or commercial, and distance from aid that you start looking for it, and if and how you use the signal. Please do not call the Coast Guard via telephone or other means, only written responses to this proposal will be accepted. Refer to Project No. 01-16-171. E-mail can be sent to: D01-SMB-DPWPublicComments@uscg.mil.

Chart 12352 LNM: 41/16

MA-NEWBURYPORT HARBOR AND PLUM ISLAND SOUND (Chart 13282)-PLUM ISLAND SOUND

The U.S. Coast Guard is considering making the following changes to these waterways:

CHANGE the seasonal status from Permanent to “Maintained from Apr 15 to Oct 15.”

Plum Island Sound Entrance Buoy 4 (LLNR 9310)
Plum Island Sound Entrance Buoy 6 (LLNR 9320)
Plum Island Sound Entrance Buoy 8 (LLNR 9325)
Plum Island Sound Entrance Buoy 8A (LLNR 9328)
Plum Island Sound Entrance Buoy 10 (LLNR 9330)
Plum Island Sound Entrance Buoy 11 (LLNR 9335)
Plum Island Sound Entrance Buoy 12 (LLNR 9345)

Interested Mariners are strongly encouraged to comment on this proposal in writing, either personally or through their organization. All comments will be carefully considered and are requested prior to 02 Dec 2016 to complete the process. In order to most effectively consider your feedback and improve or data collection when responding to this proposal, please include size and type of vessel, recreational or commercial, and distance from aid that you start looking for it, and if and how you use the signal. Please do not call the Coast Guard via telephone or other means, only written responses to this proposal will be accepted. Refer to Project No. 01-16-156. E-mail can be sent to: D01-SMB-DPWPublicComments@uscg.mil.

Charts: 13274 13282 LNM: 40/16

MA-BUZZARDS BAY (Chart 13230)-WESTPORT HARBOR APPROACH-Revised

The U.S. Coast Guard is considering making the following changes to aids to navigation in this waterway:

CHANGE Two Mile Rock Buoy 1 (LLNR 17445) to Westport Harbor Lighted Buoy 1 (LLNR 17445), Flashing Green 2.5 second using a larger 8 foot diameter buoy and relocate to approximate position 41-29-15.357N 071-04-04.414W (previous location of Westport Harbor Approach Lighted Bell Buoy WH).

PERMANENTLY DISESTABLISH Westport Harbor Approach Lighted Bell Buoy WH (LLNR 17440)

Your feedback is welcome and should be provided to Mr. Edward G. LeBlanc at 401-435-2351, or Edward.G.LeBlanc@uscg.mil by November 15, 2016. We will carefully consider all comments submitted and adjust our proposal if warranted. Only then will we begin to make on-the-water changes to aids to navigation. Refer to Project No. 01-16-098 when referencing this project.

Charts: 13218 13228 LNM: 20/16

SECTION VII - GENERAL

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

SUMMARY OF GENERAL PROJECTS STILL IN EFFECT

Enclosure

LNM: 31/16

NY-NJ-NEW YORK HARBOR-PORT NEWARK

Lomma Construction Corporation, 80 Wakefield Rd. Staten Island NY 10312 will be replacing barge mooring structures in Greenville Yards Rail Pier, Jersey City, NJ. Work begins October 15 2016 through March 2017. Operations will run daily 0600-1600. Contact Prady Gandavarapu at 718-966-1406 with questions.

Chart 12333 LNM: 42/16

CT-THAMES RIVER (REVISED)

Three gate arrays that will hold telemetry receivers are being deployed in the Thames River around Naval Submarine Base New London. Acoustic telemetry receivers, to detect and track protected sturgeon species, will be deployed at the mouth of the Piscataqua River and directly upriver and downriver of PNSY in the following positions:

41 23 18.38398N 072 05 19.33801W
41 23 22.07040N 072 05 40.92840W
41 24 16.87140N 072 05 38.11500W
41 24 29.29740N 072 05 41.54280W
41 25 13.17420N 072 05 43.40580W
41 25 10.37160N 072 05 28.24800W
41 19 29.07780N 072 05 15.92580W
41 19 32.58180N 072 04 44.23380W

The receivers will be deployed from August 2016 - November 2018. Each receiver will be identified at the surface using a lime green “Hy-Flyer” type buoy with a U.S. Navy logo attached. Reflective tape will also be fixed to the buoy. Mariners are requested to proceed with caution while transiting the area

LNM: 42/16

MA-BOSTON HARBOR

The helicopter Robinson will be making approaches to the R/V MATTHEW J. HUGHES from October 25 - 27 during daylight hours. The MATTHEW J. HUGHES will be monitoring VHF-FM channel 16.

LNM: 42/16

MA-COHASSET HARBOR

Dredging will be done in the following position 42-14’-56.58N, 70*-47’-00.18W from October 28, 2016 - January 31, 2017. The hours of operation will be 7 days a week, 24 hours a day. On scene will be the dredge TRITON, scow JEANNE, tugs JEAN PIERRE & KODIAK, push boat FALCON and

MA-COHASSET HARBOR

skiffs STIPRUMAS & WOODEN that will be monitoring VHF-FM channel 10. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made.

LNM: 42/16

MA-MARTHA'S VINEYARD

Geotechnical soil sampling and testing will be done from October 20 - November 9, 2016, south of Martha's Vineyard. The work will be done in the following positions:

41° 00' 49.12" N 70° 39' 04.70"W .
40° 54' 46.01" N 70° 29' 52.77" W
41° 04' 08.35" N 70° 18' 20.81" W
41° 09' 05.98"N 70 28' 12.44" W

The hours of operation will be 7 derrick, PAM hydrophone array seabed piezocone penetration testing (PCPT) wheeldrive unit that will be monitoring VHF-FM channel 16.

LNM: 42/16

MA-QUINCY

Dredging is being done in the Quincy Shipyard until October 22. The work is being done during daylight hours. On scene is the dredge DALE PYATT, tug ILA and scows EDDIE CARROLL & JOE VERROCHI that are monitoring VHF-FM channel 7.

LNM: 42/16

NJ-JERSEY CITY

Replacement of moorings in Greenville yards are being done until March 1, 2017. The hours of operation are Monday - Friday, 6:00 am - 4:00 pm. On scene are barges and scows that are monitoring VHF-FM channel 19.

LNM: 42/16

NY-BRONX RIVER

Test borings will be done in Hunts Point from October 24 - 28, 2016. The hours of operation will be daily from 7:00 am - 3:00 pm. On scene will be a work boat that will be monitoring VHF-FM channel 16. Mariners are requested to proceed with caution after passing arrangements have been made (30 minutes notice is required).

LNM: 42/16

MA-CAPE COD CANAL-ONSET BAY

There has been a report of a submerged object within 6-to-8 feet of day marker 21 at the junction of Onset Channel and the Cape Cod Canal. Mariners are urged to use special caution in this area.

Chart 13229 LNM: 41/16

MA-OFFSHORE-MASSACHUSETTS BAY

The Research Vessel (RV) Matthew J. Hughes will be conducting helicopter operations in Massachusetts Bay in approximate position (PA) 42-27.63N 070-47.34W from 25 to 27 October, 2016 during daylight hours. The R/V Matthew J. Hughes will be monitoring VHF-FM channels 13 and 16.

Chart 13267 LNM: 41/16

MA-SOUTH OF MARTHA'S VINEYARD

Geotechnical survey- SEE ENCLOSURE

LNM: 41/16

NY-NEW YORK HARBOR-GOWANUS BAY-GOWANUS CANAL

The USEPA will be conducting environmental remediation-removal of debris from the 4th Street turning basin on the Gowanus canal. Infrequent offloading of barges will occur in the main channel of the Gowanus Canal just north of the dead end of Huntington Street. The work will begin on 24 October and end 18 November 2016. The hours of operation will be from 0700 to 1700 local. A turbidity curtain will be deployed that will restrict access to the 4th Street turning basin. Vessels on the scene will include two 32 foot x 100 foot barges, 2 tug boats, and 2-4 smaller work boats. Long reach excavator with grapple tool and bucket attachments will be staged on one of the barges to remove sediment and debris from the turning basin.

Charts: 12327 12334 LNM: 41/16

RI –EAST PASSAGE/NARRAGANSETT BAY – RED BULL FOILING GENERATION – Sailing Race/Regatta

Mariners are advised that the Red Bull Foiling Generation is scheduled to take place in the East Passage of Narragansett Bay in the vicinity of Fort Adams, Newport, RI. The regatta will take place daily between October 14, 2016 and October 16, 2016 from 10:00 a.m. to 5:00 pm. This event will be repeated on the following weekend, October 21- 23, 2016. Expect up to 4 sailing catamarans, 18ft in length. Mariners are advised to proceed with extreme caution when transiting the area. Interested mariners may contact the person in charge by phone at 401-595-8397.

Chart 13223

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	
33810	North Channel Buoy 26	40-38-57.600N 073-27-19.200W				Red nun.	Private Aid.	42/16
33860	North Channel Buoy 43	* 40-38-59.400N 073-25-45.600W				Green can.	Private Aid.	42/16
33867	North Channel Buoy 45	* 40-38-57.000N 073-25-32.400W				Green can.	Private Aid.	42/16
		*						

ENCLOSURES

ENCLOSURE

Bridge section

ENCLOSURE

Marine Events

NJ-BAYONNE-VESSEL TRANSIT BENEATH THE BAYONNE BRIDGE

Enclosure-Marine Safety Information Bulletin

LNM: 16/14

Steven D. Poulin
Rear Admiral, U.S. Coast Guard
Commander, First Coast Guard District

MARINE EVENTS

SECTOR SOUTHEASTERN NEW ENGLAND

ONE TIME EVENTS

RI –EAST PASSAGE/NARRAGANSETT BAY – RED BULL FOILING GENERATION – Sailing Race/Regatta
Mariners are advised that the **Red Bull Foiling Generation** is scheduled to take place in the East Passage of Narragansett Bay in the vicinity of Fort Adams, Newport, RI. The regatta will take place d**aily between October 21, 2016 and October 23, 2016 from 10:00 a.m. to 5:00 pm.** Expect 4 sailing catamarans, 18ft in length. Mariners are advised to proceed with extreme caution when transiting the area. Interested mariners may contact the person in charge by phone at 401-595-8397.
Chart 13223 File No. 157-16

RI – EAST PASSAGE/NARRAGANSETT BAY – SAIL NEWPORT MEMBERS CHAMPIONSHIP REGATTA – Sailing Race/Regatta
Mariners are advised that the Sail Newport Members Championship Regatta is scheduled to take place in the East Passage of Narragansett Bay. The event will take place d**aily between October 22, 2016 and October 23, 2016 from 10:00 a.m. to 5:00 p.m.** Expect 12 sailboats, 22ft in length. Mariners are advised to proceed with caution when transiting the area. Interested mariners may contact the person in charge by phone at 401-418-1758 or 401-846-1983.
Chart 13221 File No: 126-16.

SECTOR NEW YORK

UPPER NEW YORK BAY
(North of the Verrazano Bridge including Hudson River north to Whitehall Narrows, East River West of the Throgs Neck Bridge)

NY/NJ – UPPER NY BAY – LIBERTY ISLAND SAFETY ZONE – Fireworks Display
Mariners are advised that a fireworks display is scheduled to be held on Upper New York Bay within the Liberty Island Safety Zone, 33 CFR 165.160 (2.1): All waters of Upper New York Bay within a 360-yard radius of the fireworks barge located in approximate position 40°41'16.5" N, 074°02'23" W (NAD 1983), located in Federal Anchorage 20-C, about 360 yards east of Liberty Island. This Safety Zone will be enforced today **October 27, 2016 from 8:50 pm to 10:00 pm** for a fireworks display. The fireworks barge will have a sign on its port and starboard sides labeled FIREWORKS--DANGER--STAY AWAY to provide on scene notice that the Safety Zone will be enforced. Vessels may not enter, remain in, or transit through the Safety Zone during the enforcement period unless authorized by the Coast Guard Captain of the Port or designated Coast Guard patrol personnel on scene. Other Federal, State and local agencies may assist these personnel in the enforcement of the Safety Zone. Chart 12327, 12334, 12335. LNM 43/16

NY – HUDSON RIVER – Poughkeepsie, NY– Fireworks Display
Mariners are advised that a fireworks display is scheduled to be held within the waters of the Hudson River on **October 28, 2016, from 8:30 pm to 9:30 pm** The display will be shot from a barge located in the Hudson River between the Shadows Marina and Mid-Hudson Bridge, Poughkeepsie, NY. Charts 12347. LNM 43/16

NY – HUDSON RIVER – NEW YORK CITY, PIER 81, NY– Fireworks Display
Mariners are advised that a pyrotechnic display is scheduled to be held within the waters of the Hudson River on **October 28, 2016, from 9:00pm to 9:05pm** The display will be located in the Hudson River, on Pier 81, NYC. Charts 12335. LNM 43/16

NY/NJ – UPPER BAY NEW YORK– NY HARBOR – Sailing Regatta
Mariners are advised that regattas are scheduled to be held on the NY Harbor, south of the Morris Canal to the Statue of Liberty, beginning **May 1, 2016** and continuing until **October 31, 2016**, between the hours of **9:00am and 5:00pm on every Sunday and 6:00pm to 9:00pm on every Wednesday**. Approximately 10 sailboats 26 feet in length will participate in short-distance courses. Interested mariners may contact the Principal Race Officer on marine band radio channel 68 VHF-FM Chart 12327, 12335. LNM 17/16 (CGD1)

NY/NJ – HUDSON RIVER – PIER 62-72 - Sailing Regatta
Mariners are advised that a regatta is scheduled to be held on the Hudson River in the vicinity of Pier 62-72, Manhattan, NY, beginning **July 12, 2016 through October 25, 2016**. Races will occur on **Tuesdays** from **6:00pm to 8:45pm**. Approximately 10 sailboats (24feet in length) will participate on short-distance courses. Interested mariners may contact the Principal Race Officer on marine band radio channel 78 VHF-FM. Chart 12335 LNM 28/16 (CGD01)

LOWER NEW YORK BAY
(South of the Verrazano Bridge, west of Arverne, Rockaway Beach)

NY – LOWER NY BAY – VERRAZANO TO MARINE PARKWAY BRIDGE – Swim
Mariners are advised that a swim event is scheduled for **October 22, 2016, from 8:45am to 3:00pm** within the waters of Lower NY Bay, from the Verrazano Bridge, past Gravesend Bay and along the Coney Island shore to end at Marine Parkway Bridge, Brooklyn, NY. Approximately 9 participants will swim a 10 mile course, several kayaks and motorized event support vessels shall be assisting with this event. Interested mariners may contact the event organizers on VHF-FM channel 16. Chart 12402. LNM 42/16 (CGD1)

LONG ISLAND SOUND
(East of Throgs Neck Bridge to west of Matinecock Point)

For Sector New York Marine Events information, reference our web link: http://homeport.uscg.mil/newyork > Waterways Management > 02 Marine Events and Firework Displays or email D01-SMB-SecNY-SPW-MarineEvents@uscg.mil . Additional contacts at Sector New York: MST1 RJ Sampert, ronald.j.sampert@uscg.mil (718) 354-4197.

SECTOR BOSTON

LOCATION	DATE	TIME	EVENT/ SPONSOR	CHART
Boston Inner Harbor	11-Sep-16 30-Oct-16	1000- 1400	Boston Sailing Club Races Boston Sailing Club	13270
North River Salem, MA	31-Oct-16 31-Oct-16	2230- 2300	Halloween Fireworks City of Salem	13275

BRIDGE SECTION

COAST GUARD HAS GRANTED APPROVAL FOR THE FOLLOWING BRIDGE DEVIATION AND REGULATION CHANGES:

BRIDGE/ WATERWAY	MILE	33CFR Sect.	DEVIATION/RULE	EFF.DATE
Captree State Pkwy/State Boat Channel	30.7	117.799(i)	Temporary Deviation	9/6/2016-12/16/2016
Marine Pkwy Bridge/Jamaica Bay	3.0	117.795(a)	Temporary Deviation	10/17/2016-10/28/2016
Marine Pkwy Bridge/Jamaica Bay	3.0	117.795(a)	Temporary Deviation	11/15/2016-5/13/2017
Rte. 1&9/Hackensack River	2.0	117.723	Temporary Deviation	3/1/2014-9/20/2017

MAINE – PENOBSCOT RIVER – Bridge Replacement – Construction to the Route 155/6 Bridge across the Penobscot River is in progress. There will not be any obstruction in the navigation channel. All work will be from the temporary trestle located outside the navigation channel. This work will be completed by **December 2017**. Mariners should use caution when transiting the area.
Charts 13309 LNM 42/16 (CGD1)

MAINE – ST GEORGE RIVER – Bridge Replacement – Construction to the Wadsworth Street Bridge across St George River is in progress. There will be a construction barge positioned up stream of the bridge. A clear path for small boat traffic will be maintained throughout the project. Contractor hours will be 7 a.m. to 5 p.m. daylight hours Monday through Friday. The contractor can be contacted at 207-594-9565. This work will be completed by **June 2017**. Mariners should use caution when transiting the area.
Charts 13301 LNM 42/16 (CGD1)

MAINE – KENNEBUNK RIVER – Bridge Replacement – Construction to the Matthew J. Lanigan Route 9 Bridge across Kennebunk River will commence on **October 10, 2016** and continue through **May 24, 2017**. Contractor hours will be 7 a.m. to 5 p.m. daylight hours Monday through Friday. Information concerning the project can be directed to Maine DOT John P. Auger at 207-592-7816. Mariners should use caution when transiting the area.
Charts 13286 LNM 42/16 (CGD1)

MAINE AND NEW HAMPSHIRE– PORTSMOUTH TO DOVER AND EXETER – PISCATAQUA RIVER - Bridge Construction – Bridge construction to replace the superstructure at the U.S. Navy Bridge 1 (Walker Street) at the Portsmouth Naval Ship Yard will continue through **April 1, 2017.** A 70' x 105' crane barge will be located at the bridge at various locations. One navigation channel at the bridge will always be open for the passage of vessel traffic. Working hours will be 6:30 a.m. through 5 p.m., Monday through Friday. Mariners should exercise caution while transiting the area.
Chart 13283 LNM 42/16 (CGD1)

MAINE AND NEW HAMPSHIRE – PORTSMOUTH TO DOVER AND EXETER – PISCATAQUA RIVER – Bridge Construction – Bridge construction to replace the Sarah M. Long Bridge commenced on **December 2014** between Portsmouth, New Hampshire and Kittery, Maine and will continue through **May 2019**. Barges will be located at the bridge in various locations throughout the project. From **October 10, 2016** through **October 16, 2016** the navigable channel on the Piscataqua River will be closed during the removal of the existing lift span. A Regulated Navigation Area surrounding the Bridge is currently in place and information on the area can be directed to USCG Sector Northern New England at 207-347-5015. Any questions concerning the bridge construction project should be directed to Mr. Kaven Philbrook, the project manager with Cianbro at 207-487-3311 or Mr. Ronald Taylor, ME DOT Resident Engineer at 207-446-2885. For information about the Regulated Navigation Area in the vicinity of the Sarah M. Long Bridge contact the Coast Guard at NNEwaterways@uscg.mil or view the document, docket number USCG-2014-0554 at www.regulations.gov. Mariners should exercise caution while transiting the area.
Chart 13285 LNM 42/16(CGD1)

MASSACHUSETTS - NANTUCKET SOUND AND APPROACHES – MITCHELL RIVER – Bridge Construction – Bridge construction is underway at the Bridge Street Bridge mile 0.2, across the Mitchell River at Chatham, Massachusetts and will continue through **October 30, 2016.** Working hours are 7 a.m. to 4 p.m., Monday through Friday. The main channel is open. The draw span is operational with a barge work continuing near Span 4 to Span 5. VHF Channel 66 is used for bridge operations. Mariners should exercise caution while transiting the area.
Chart 13237 LNM 42/16 (CGD1)

MASSACHUSETTS – NEWBURYPORT HARBOR AND PLUM ISLAND SOUND – MERRIMACK RIVER – Bridge Construction – Construction of the new Whittier I-95 Bridge across the Merrimack River, mile 6.0, between Newburyport and

Amesbury, Massachusetts will continue through the **fall of 2016**. Tug and barges used for the construction will be operating in both the Federal and Steamboat Channels. The two channels will remain open at all times; however, they will be reduced in horizontal width to allow for construction of the bridge. The main Federal channel will be reduced to approximately 145 feet in width and the Steamboat channel will reduced to approximately 86 feet in width. Both channels will be marked by day boards on temporary steel support structures located on the edge of the reduced channel and with quick flashing red lights during times of reduced visibility. It is recommended that vessel traffic hail the tug Katahdin via VHF-FM Channel 16 or 13 before transiting the bridge. Mariners are urged to transit at the slowest safe speed to minimize wake and should proceed with caution when transiting the area.
Chart 13282 LNM 42/16 (CGD1)

MASSACHUSETTS – BOSTON HARBOR – CHARLES RIVER – Bridge Construction – Bridge construction is ongoing and will continue through **May 30, 2017**, at the Longfellow Bridge across the Charles River, mile 1.5, between Boston and Cambridge, Massachusetts. Work barges will be deployed at various locations outside the main navigation channel rehabilitating the support piers. Working hours are 6 a.m. to 5 p.m. Monday through Saturday. Questions should be directed to the contractor, J.F. White, Mr. Greg Labrum, via land line at 508-879-4700 or cell phone at 617-719-7150. Mariners should exercise caution when transiting the work area.
Chart 13272 LNM 42/16 (CGD1)

MASSACHUSETTS – BOSTON INNER HARBOR – CHARLES RIVER – Bridge Rehabilitation – Construction to the Anderson Memorial Bridge, mile 5.1, Charles River is in progress. There are barges operating in the navigation channel. Mariners can contact Massachusetts DOT Resident Engineer Mr. Roderick Connelly at 617-981-2564 for the barge locations. Spans may be closed for repairs while others remain open. The project will be completed by **June 2017**. Mariners should use caution when transiting the area.
Chart 13272 LNM 42/16 (CGD1)

MASSACHUSETTS – BOSTON INNER HARBOR – CHARLES RIVER – Bridge Repairs – Masonry repairs to the Eliot Bridge, mile 5.9, Charles River are ongoing. There will be barges operating in the navigation channels throughout the project. At least one channel will remain clear at all times. Mariners can contact the contractor at 617-212-2565 for the barge locations. Mariners should use caution when transiting the area.
Chart 13272 LNM 42/16 (CGD1)

MASSACHUSETTS - BOSTON HARBOR - WEYMOUTH - FORE RIVER - Bridge Construction – Bridge construction at the new Route 3A highway bridge, mile 0.0, across the Weymouth Fore River between Quincy and Weymouth, Massachusetts is ongoing and will continue through **March 2017**. The new span and the temporary span will open per regulation except for announced closures necessary for the construction of the bridge. Work vessels may be present from time to time and can be contacted on VHF-FM Channel 13 or by calling the contractor Mr. Jim Jones at 617-719-7174. Mariners should check for current Safety Marine Information Broadcasts and exercise caution while transiting the area.
Chart 13270 LNM 42/16 (CGD1)

MASSACHUSETTS - OAK BLUFFS HARBOR – LAGOON POND – Bridge Construction/Channel Closure – Massachusetts Department of Transportation (MASS DOT) is completing the new Beach Road drawbridge over Lagoon Pond in Martha's Vineyard, Massachusetts. The draw will open on signal from **September 16, 2016, through May 14, 2017** if at least twenty-four (24) hours advance notice is given by calling the number posted at the bridge (508-693-1212). Mariners are urged to use caution while navigating through the bridge. MASS DOT's project engineer is Mr. Michael McGrath who can be contacted at 508-884-4282. MASS DOT's contractor is The Middlesex Corporation. The contractor's on-scene workboats monitor VHF channels 13 and 16. Mr. Jamie Doyle, project manager for The Middlesex Corporation, can be reached at 617-306-8208 or through MV Central Communication bridge tender at 508-693-1212. Questions regarding navigation issues may be addressed to Mr. Edward G. LeBlanc at Coast Guard Sector Southeastern New England, 401-435-2351.
Chart 13237 LNM 42/16 (CGD1)

MASSACHUSETTS – NANTUCKET SOUND – BASS RIVER – Bridge Repairs – Bridge repairs are underway at the Route 28 Bridge mile 1.7, across the Bass River at Dennis-Yarmouth, Massachusetts and will continue through **November 30, 2016.** Normal working hours will be during daylight, Monday through Friday. No work is planned for the main navigation channel. A 20x50 and two 10x20 work barges will be in the vicinity of the bridge during the project. A 6 foot reduction in vertical clearance and 6 foot horizontal clearance reduction near bridge pilings will occur. Any questions concerning the bridge repairs should be directed to the contractor, SPS New England Inc., Mr. Dan Jolda at 774-696-2645. Mariners should exercise caution while transiting the area.
Chart 13229 LNM 42/16 (CGD1)

MASSACHUSETTS - HAVERILL - MERRIMACK RIVER - <u>Bridge Rehabilitation</u> - Construction on the Massachusetts Bay Transportation Authority (MBTA) Bridge in Haverhill, MA at mile 19.9 of the Merrimack River will commence on or about **June 18, 2016** and run through **November 2018** during spring to fall each year. Construction barges will be operating and stored in the navigation channels. Hours of construction operations are Monday through Friday between 6:30 a.m. and 5:00 p.m. The navigation channel will be reduced in width, but available at all times for navigation. Any questions concerning the bridge should be directed to the contractor, Cianbro Corporation, Mr. Brayden Sheive via land line at 207-553-6676. Mariners should exercise caution when transiting the area.
Chart 13282 LNM 42/16 (CGD1)

MASSACHUSETTS – BOSTON INNER HARBOR – MYSTIC RIVER – <u>Bridge Repairs</u> – Bridge repairs are underway at the Cradock Bridge mile 5.1, across the Mystic River at Boston, Massachusetts and will continue through **Fall 2018.** Working hours will be 7 a.m. to 3:30 p.m., Monday through Friday. The main channel will be open until October 24, 2016 when the channel will shift to the northern most span and will be relocated until the summer of 2018, a temporary bridge is in place with working floats and silt booms in the area. Questions concerning the bridge should be directed to the contractor, Zoppo Corp, Mr. Andy Greenlaw at 617-839-9121. Mariners should exercise caution while transiting the area.
Chart 13272LNM 42/16 (CGD1)

MASSACHUSETTS – BEVERLY HARBOR – DANVERS RIVER – <u>Bridge Construction</u> – Construction on the Massachusetts Bay Transportation Authority (MBTA)/AMTRAK Bridge at mile 0.05 of the Danvers River will continue to **October 31, 2016**. During this time, the north channel will be closed to vessel traffic. Vessels may use the south channel which is available for navigation through the draw. A harbormaster marine unit will be on scene and will monitor VHF Channel 13. Questions should be directed to the contractor, J.F. White. The project superintendent is Kevin Cole at 617-799-3070. Mariners should exercise caution when transiting the area.
Chart 13276 LNM 42/16 (CGD1)

RHODE ISLAND – NARRAGANSETT BAY – WICKFORD COVE – <u>Bridge Rehabilitation</u> – Construction on the Hussey Memorial Bridge Number 11 at mile 0.6 across Wickford Cove will continue through approximately **November, 2016.** Scaffolding is present under the bridge. Hours of construction are Monday through Friday between 7:00 a.m. and 9:00 p.m. Questions concerning the bridge should be directed to the contractor, The Aetna Bridge Company, Mr. David Struba at 401-663-2292. Mariners should exercise caution when transiting the area.
Chart 13223 LNM 42/16 (CGD1)

RHODE ISLAND – MASSACHUSETTS – NARRAGANSETT BAY – TAUNTON RIVER - <u>Bridge Painting and Vertical Clearance Reduction</u> – Cleaning and painting operations are underway at the I-195/Rt-79 (Braga Bridge) at mile 0.4, across the Taunton River between Fall River and Somerset, Massachusetts. Painting operations will continue through **July 2017.** A paint containment platform will be installed under the bridge beginning **February 21, 2014** reducing the vertical clearance by approximately 10 feet. The containment system will be in place through early **2017**. In addition, three work barges (124' x 62') (90' x 30') and (20' x 8') will be positioned at various locations outside the main navigation channel. Working hours will be 7 a.m. to 10 p.m., Monday through Friday. Mariners should exercise caution while transiting the area.
Chart 13221 LNM 42/16 (CGD1)

RHODE ISLAND - POINT JUDITH HARBOR - <u>Bridge Replacement</u> - Construction of the Great Island Road Bridge located approximately 0.85 miles above the mouth of Point Judith Pond is in progress. There will not be any obstruction in the navigation channel. Hours of construction are Monday through Friday between 7:00 a.m. and 3:30 p.m. This work is scheduled to be completed by **April 2017**. Mariners should exercise caution when transiting the area.
Charts 13219 LNM 42/16 (CGD1)

RHODE ISLAND - BARRINGTON RIVER - <u>Bridge Construction</u> – Construction of Central Bridge No. 182 (Massasoit Ave) across the Barrington River is in progress and will continue until **November, 2016**. A work boat, floats and divers are installing cathodic protection on pier piles. Mariners should exercise caution when transiting the area.
Chart 13221 LNM 42/16 (CGD1)

CONNECTICUT – LONG ISLAND SOUND – NIANTIC RIVER – <u>Bridge Replacement</u> – Construction on the Route 1 Bridge across the Niantic River at mile 3.5 is in progress. A barge or floating dock shield will be operating IVO the bridge. A minimum of half of the navigation channel will be available during hours of operation. Mariners requiring full horizontal clearance can contact the contractor via marine radio VHF-FM CH 13/16. This project will be completed by **November 4, 2017**. Mariners are advised to exercise caution when transiting the area and proceed at a no wake speed.
Charts 13211 LNM 42/16 (CGD1)

CONNECTICUT – LONG ISLAND SOUND – NEW HAVEN HARBOR– MILL RIVER – Bridge Rehabilitation – Construction to the I-91 Bridge across Mill River is in progress. A quick deck will be installed on the side of the bridge piers and to stay in place for the duration of the project. This work is to be completed by **December 1, 2016**. Mariners are advised to transit the area with caution.
Chart 12371 LNM 42/16 (CGD1)

CONNECTICUT – LONG ISLAND SOUND – HOUSATONIC RIVER AND MILFORD HARBOR – HOUSATONIC RIVER – Bridge Replacement – Construction to the I-95 (Moses Wheeler) Bridge at mile 3.9 across Housatonic River between Milford and Stratford, Connecticut is in progress. An unobstructed 80ft of navigation channel is available at all times through **December 31, 201**6. The project will be completed by **March 2017.** Mariners are advised to transit the area with extreme caution and reduce wake.
Chart 12370 LNM 42/16 (CGD1)

CONNECTICUT – NEW HAVEN – HOUSATONIC RIVER – Reduction of Vertical Clearance – A transmission cable strung across the navigation opening of the Devon Bridge across the Housatonic River at mile 3.9 has reduced vertical clearance to 57 feet at Mean High Water when the draw is open. Mariners are advised to exercise caution when transiting through the draw.
Chart 12370 LNM 42/16 (CGD1)

CONNECTICUT – LONG ISLAND SOUND – NORWALK RIVER – Limited Openings – Emergency repairs to the Walk RR Bridge across the Norwalk River at mile 0.1 are in progress. The bridge will not open to marine traffic during daylight hours if the temperature measured on top of the bridge reaches 85 degrees F and higher. Night time openings will not be restricted beyond established hours of operation. Mariners are advised to contact the bridge operator at 203-363-5709 or 203-363-5710 for status and plan accordingly.
Chart 12368 LNM 42/16 (CGD1)

CONNECTICUT – LONG ISLAND SOUND – SHERWOOD POINT TO STAMFORD HARBOR – PEQUONNOCK RIVER – Bridge Outage –The East Washington Street Bridge across Pequonnock River at mile 0.6 is out of service due to electrical/mechanical systems were severely damaged by the Superstorm Sandy. Mariners are advised to plan their transits accordingly.
Chart 12369 LNM 42/16 (CGD1)

NEW YORK – LONG ISLAND SOUND – HEMPSTEAD HARBOR TO TALLMAN ISLAND – EASTCHESTER BAY – Bridge Replacement – Construction to the temporary City Island Bridge across Eastchester Creek at mile 2.2 is in progress. Barges are operating in and out of the navigable channel during construction. A minimum of 50ft horizontal clearance will be free of obstruction through the navigation channel at all times. Demolition of the existing bridge is in progress. Mariners can contact the Community Liaison Huascar Robles at 718-885-1247 extension 114 or hrobles@zetlin.com for any construction information. The entire project is scheduled to be completed by **June 1, 2017.** Mariners are advised to use the main navigation channel and reduce wake when transiting the area.
Chart 12366 LNM 42/16 (CGD1)

NEW YORK – LONG ISLAND SOUND – HEMPSTEAD HARBOR TO TALLMAN ISLAND – HUTCHINSON RIVER – Bridge Inspection – From October 26 to **October 27, 2016** between 8 a.m. and 3 p.m., a 20ft by 30ft "SM1" barge and tug Jerry will be operating IVO the Hutchinson River Parkway Bridge across Hutchinson River at mile 0.9 to perform bridge inspection. Mariners requiring full horizontal clearance can contact the contractor via marine radio VHF-FM Ch 13/16 or call 917-359-9395. Mariners are advised to exercise caution and reduce wake when transiting the area.
Chart 12366 LNM 42/16 (CGD1)

NEW YORK – SHINNECOCK BAY TO EAST ROCKAWAY INLET – HEMPSTEAD BAY - REYNOLDS CHANNEL – Installation of Submarine Cables – Construction to the Wreck Lead Railroad Bridge, mile 4.4, across Reynolds Channel, New York will commence on or about October 17, 2016. There are barges will be operating outside the navigation channel. There may be intermittent channel closures during installation of conduits across the waterway. Dates are to be determined. This project is to be completed by **November 30, 2016**. Mariners are advised to exercise caution when transiting the area.
Chart 12352 LNM 42/16 (CGD1)

NEW YORK – SHINNECOCK BAY TO EAST ROCKAWAY INLET – STATE BOAT CHANNEL – Notice of Temporary Deviation from Regulations – The Coast Guard has issued a temporary deviation from the regulation governing the operation of the Captree State Parkway (Robert Moses Causeway) Bridge at mile 30.7 across State Boat Channel at Captree Island, New York. Under

this temporary deviation, the bridge will not open for marine traffic from September 6, 2016 to **December 16, 2016**. Vessels that can pass under the span without a bridge opening may do so at all times. Mariners are advised to plan accordingly.
Chart 12352 LNM 42/16 (CGD1)

NEW YORK – SHINNECOCK BAY TO EAST ROCKAWAY INLET – STATE BOAT CHANNEL – Painting, Steel Repairs, and Scour Monitor Installation – The construction to the Robert Moses Causeway Bridge across State Boat Channel at mile 30.7 will commence on August 15, 2016. Painting containment platform will be installed under the entire length of the bridge from September 6, 2016 to December 16, 2016. The platform will reduce the vertical clearance by 4 feet. Weeks barges will be operating IVO the navigational channel in December 2016. Mariners requiring full horizontal clearance can contact the contractor via marine radio VHF-FM CH 13/16. This project is to be completed by **December 16, 2016**. Mariners are advised to exercise caution when transiting through the area.
Chart 12352 LNM 42/16 (CGD1)

NEW YORK – SHINNECOCK BAY TO EAST ROCKAWAY INLET – HEMPSTEAD BAY – REYNOLDS CHANNEL – Underbridge Inspection Unit – From September 26, 2016 and **January 1, 2017** between 7 a.m. and 5 p.m., underbridge inspection unit will be operating under the Atlantic Beach Bridge, mile 0.4, across Reynolds Channel at Lawrence, New York. Mariners requiring full vertical clearance can contact the contractor via marine radio VHF-FM channel 13/16 or call 412-779-7989. Mariners are advised to exercise caution when transiting the area.
Chart 12352 LNM 42/16 (CGD1)

NEW YORK – SHINNECOCK BAY TO EAST ROCKAWAY INLET – FALSE CHANNEL – FUNDY CHANNEL – Scour Monitor Installation – Construction to the Meadowbrook State Parkway Bridges across False Channel at mile 0.0 and Fundy Channel at mile 2.7 are in progress. Barges will be operating IVO of the bridge. Mariners requiring full horizontal clearance can contact the contractor via marine radio VHF-FM CH 13/16 or call 631-394-9618.
This project is to be completed by **November 30, 2016**. Mariners are advised to exercise caution when transiting the area.
Chart 12352 LNM 42/16 (CGD1)

NEW YORK – SHINNECOCK BAY TO EAST ROCKAWAY INLET – SLOOP CHANNEL – Diving and Scour Monitor Installation – Diving and scour monitor installation at the Meadowbrook State Parkway Bridge across Sloop Channel at mile 12.8 will commence on July 22, 2016 and will not affect bridge operation . Weeks barges will be operating outside the navigational channel. This project is to be completed through **November 18, 2016**. Mariners are advised to use main navigation channel and exercise caution when transiting through the area.
Chart 12352 LNM 42/16 (CGD1)

NEW YORK – SHINNECOCK BAY TO EAST ROCKAWAY INLET – SLOOP CHANNEL – Bridge Inspection – Inspection of the Wantagh State Parkway across Sloop Channel, mile 15.4, will commence October 19, 2016. An under bridge inspection unit will be operated on top of the bridge to inspect the bridge between 8 a.m. and 4 p.m. Mariners requiring full vertical clearance may contact the contractor via marine radio VHF-FM CH 13/16. The project will be completed by **October 21, 2016.** Mariners are advised to use caution when transiting the area.
Chart 12352 LNM 42/16 (CGD1)

NEW YORK – SHINNECOCK BAY TO EAST ROCKAWAY INLET – LONG CREEK – Diving and Scour Monitor Installation – Diving and scour monitor installation at the Loop Parkway Bridge across Long Creek at mile 0.7 will commence on September 30, 2016 and will not affect bridge operation . Weeks barges will be operating outside the navigational channel. This project is to be completed through **March 30, 2017**. Mariners are advised to use main navigation channel and exercise caution when transiting through the area.
Chart 12352 LNM 42/16 (CGD1)

NEW YORK – JAMAICA BAY AND ROCKAWAY INLET – SPRING CREEK – Bridge Inspection – From October 17, 2016 to **October 21, 2016** between 8 a.m. and 3:30 p.m., a 60ft manlift barge will be operated IVO of the Shore (Belt) Parkway Bridge across Spring Creek at mile 0.2. Mariners requiring full horizontal clearance can contact the contractor via marine radio VHF-FM CH 13/16 or call 917-513-3059. Mariners are advised to exercise caution when transiting the area.
Chart 12350 LNM 42/16 (CGD1)

NEW YORK – JAMAICA BAY AND ROCKAWAY INLET – ROCKAWAY INLET – JAMAICA BAY – Notice of Temporary Deviation – The C**o**ast Guard has issued a temporary deviation from the regulation governing the operation of the Gil Hodges (Marine Parkway) Bridge across Jamaica Bay at mile 3.0. Under this temporary deviation, the bridge may remain in the

closed position from 7 a.m. on October 17, 2016 through 5 p.m. on **October 28, 2016** in order to replace the guide rollers. Vessels that can pass under the draw without a bridge opening may do so at all times. Mariners are advised to plan their transits accordingly.
Chart 12350 LNM 42/16 (CGD1)

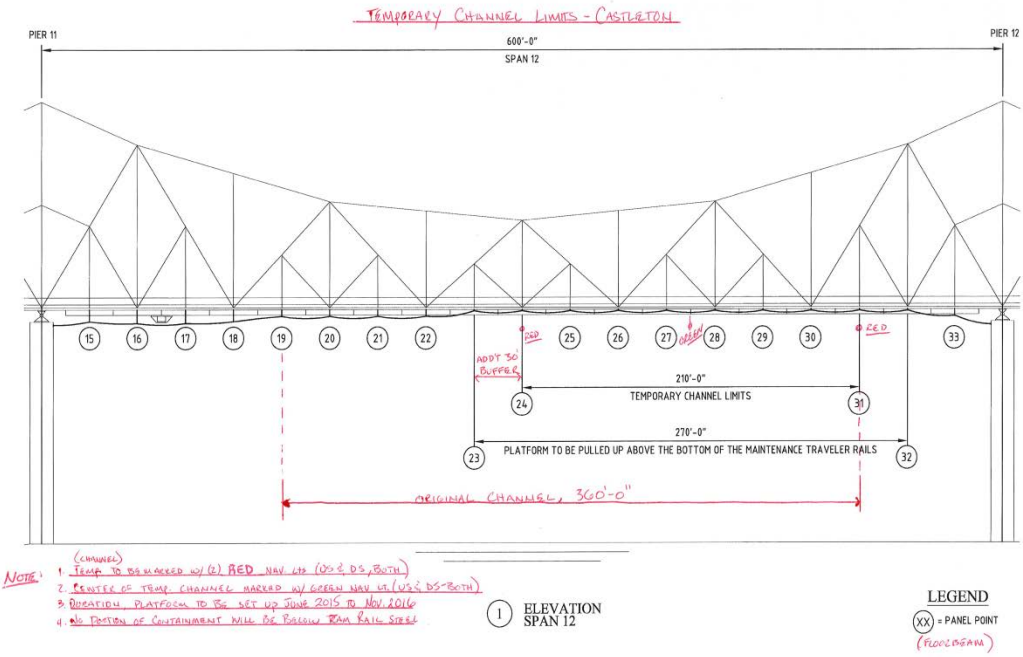
NEW YORK – JAMAICA BAY AND ROCKAWAY INLET – ROCKAWAY INLET – JAMAICA BAY – Notice of Temporary Deviation – The C**o**ast Guard has issued a temporary deviation from the regulation governing the operation of the Gil Hodges (Marine Parkway) Bridge across Jamaica Bay at mile 3.0. Under this temporary deviation, the bridge may remain in the closed position from 7 a.m. on November 15, 2016 through 5 p.m. on **May 13, 2017** in order to replace the guide rollers. Vessels that can pass under the draw without a bridge opening may do so at all times. Mariners are advised to plan their transits accordingly.
Chart 12350 LNM 42/16 (CGD1)

NEW YORK – JAMAICA BAY AND ROCKAWAY INLET – ROCKAWAY INLET – JAMAICA BAY – Corrective Maintenance Repairs – Repairs to the Cross Bay Blvd Bridge across Jamaica Bay at mile 10.0 will commence on September 6, 2016. All work will be done on top of the bridge. This project will be completed by **November 30, 2016**. Mariners are advised to exercise caution when transiting the area.
Chart 12350 LNM 42/16 (CGD1)

NEW YORK – JAMAICA BAY AND ROCKAWAY INLET – MILL BASIN – Bridge Replacement - Replacement of the Shore (Belt) Parkway Bridge across Mill Basin at mile 0.8 is in progress. Barges are operating in and out of the navigable channel during construction. A minimum of 65ft horizontal clearance will be free of obstruction through the navigation channel at all times. Welding (hot work) will be performed on the bridge deck grating between Monday and Friday during nighttime hours. Barge placement is authorized through **February 20, 2017.** Mariners can contact the Community Liaison at 347-702-6430 extension 114 or cell 347-203-9530 for any construction information. This project is scheduled to be completed by **February 13, 2021.** Mariners are advised to plan ahead and transit the area with extreme caution.
Chart 12350 LNM 42/16 (CGD1)

NEW YORK – JAMAICA BAY AND ROCKAWAY INLET – GERRITSEN INLET – Bridge Replacement - Replacement of the Shore (Belt) Parkway Bridge across Gerritsen Inlet at mile 0.0 is in progress. A barge measuring 110ft by 50ft will be in the navigation channel through September 20, 2016. A minimum of 65ft horizontal clearance will be free of obstruction through the navigation channel at all times. COTP authorized 10 minutes channel closures from September 11, 2016 to **September 20, 2016** during erection of the center girders. Mariners can contact the NYC Community Liaison Michael Heller at 347-702-6430 extension 114 or cell 347-203-9530 for any construction information. This project is scheduled to be completed by **October 30, 2017.** Mariners are advised to plan ahead and transit the area with extreme caution.
Chart 12350 LNM 42/16 (CGD1)

NEW YORK – HUDSON RIVER– UPPER HUDSON RIVER – Bridge Painting – Painting of the Castleton on the Hudson Bridge across the Hudson River at mile 135.7 is in progress. Installation of temporary scaffolding under the bridge will commence on or about 2nd week of June reducing the vertical clearance under the scaffolding by approx. 6 feet. However a temporary 210 foot channel will be provided and it will be marked by two red margins of channel lights and a green center of channel navigational lights on both the up and downstream sides of the bridge. The 210 foot navigational channel will be free and clear of any obstructions at all times for passage of large vessels. Orange day mark will be installed to mark the margin of channel.
Vessel with air draft of 125 or higher are requested to notify the bridge at the same number for the duration of the project. This project is estimated to be completed by **November 2016**.
For up to date information contact the NYS Thruway authority Resident Engineer
Mr. Tim Mastro at (518) 337-7231 or Mr. Wall Werner at (518) 755-0231. For emergency 24/7 contact NYS Thruway Communication at (866) 691-8282.



Mariners are advised to exercise caution and reduce wake when transiting the area.
Chart 12343 LNM 42/16 (CGD1)

NEW YORK – HUDSON RIVER– UPPER HUDSON RIVER – <u>Bridge Fender Repair</u> – Fender repair to the Castleton on the Hudson Bridge across the Hudson River at mile 135.7 is in progress. A barge measuring 40ft X120 will be operating in the east fender system. Mariners requiring the full horizontal clearance of the channel to provide a three hours advance notice to have the barge move out of the navigational channel. Please call John Spring at 518-528-4251, Bob Altieri 518-528-3933 and Jay Ryan at 518-376-5329. This project is expected to be completed by **November 4, 2016**.

For up to date information contact the NYS Thruway authority Resident Engineer Mr. Tim Mastro at (518) 337-7231 or Mr. Wall Werner at (518) 755-0231. For emergency 24/7 contact NYS Thruway Communication at (866) 691-8282.
Mariners are advised to exercise caution and reduce wake when transiting the area.
Chart 12343 LNM 42/16 (CGD1)

NEW YORK – HUDSON RIVER– UPPER HUDSON RIVER – <u>Repl. of Pedestrian Sidewalk and Railings</u>–Replacement of pedestrian sidewalk and railings will commence on or about November 2016 and continue through **October 2017** to the Rip Van Winkle Bridge across Hudson River at mile 113.6. This project will not affect marine traffic. Mariners are advised to exercise caution when transiting the area.
Chart 12347 LNM 42/16(CGD1)

NEW YORK – HUDSON RIVER– UPPER HUDSON RIVER – <u>Misc. Steel Repair</u>–Steel Repairs (BA 2012-RE-103-CM) to the Mid-Hudson Bridge across Hudson River at mile 75.6 is in progress. This project is expected to be completed by end of **October 2016**. This project will not affect marine traffic. Mariners are advised to exercise caution when transiting the area.
Chart 12347 LNM 42/16(CGD1)

NEW YORK – HUDSON RIVER– UPPER HUDSON RIVER – <u>Misc. Steel Repair</u>–Steel Repairs (BA 2012-RE-103-CM) to the Newburgh-Beacon Bridge across Hudson River at mile 62.0 is in progress. This project is expected to be completed by end of **October 2016**. This project will not affect marine traffic. Mariners are advised to exercise caution when transiting the area.
Chart 12347 LNM 42/16(CGD1)

<u>NEW YORK - NEW YORK TO WAPPINGER CREEK - HUDSON RIVER - New Bridge Construction</u> - Construction of the new Tappan Zee Bridge across the Hudson River, mile 27.7 is in progress. Work will continue constructing access trestles and

cofferdams that extend +/- 1,100 ft. west from the Westchester shoreline and +/- 1,200 ft. east of the Rockland shoreline of the Hudson River north of the Tappan Zee Bridge. These structures will remain in place **through 2017**. Floating equipment will be located east and west of the Main Navigation channel and will include crew boats, tug boats, barge mounted cranes, barges and anchor buoys.

Work constructing the permanent bridge foundations has begun and will continue **through 2017**. The work will involve over a hundred pieces of floating equipment and support vessels that will be moored/anchored or transiting from the Westchester shoreline to the Rockland shoreline
including the side channels and portions of the main navigation channel. Mariners are advised that the side channels to the east and west of the main channel are closed to vessel traffic and are advised to use only the center 600' of the main channel to navigate in a north-south direction through the area. Additionally, mariners are strongly advised to stay clear of all construction equipment and support vessels by 1000 feet or more when transiting the area.

Crane Barge Left Coast Lifter Safety Zone: <u>§ 165.T01-0462 Safety Zone; Tappan Zee Bridge Construction Project, Hudson River, South Nyack and Tarrytown, NY</u>.
(a) The following area is a safety zone: All navigable waters within 200 yards of the crane barge LEFT COAST LIFTER while conducting heavy lift operations on the Hudson River.

(b) <u>Definitions</u>. As used in this section, <u>designated representative</u> means any Coast Guard commissioned, warrant or petty officer who has been designated by the COTP to act on the COTP's behalf. The designated representative may be on a Coast Guard vessel or New York State Police, Westchester County Police, Rockland County Police, or other designated craft; or may be on shore and will communicate with vessels via VHF-FM radio or loudhailer. Members of the Coast Guard Auxiliary may be present to inform vessel operators of this regulation.

(c) <u>Regulations</u>. (1) Under the general safety zone regulations in subpart C of this part, you may not enter the safety zone described in paragraph (a) of this section unless authorized by the COTP or a COTP designated representative.

(2) To seek permission to enter, contact the COTP or the COTP's representative by VHF-FM channel 16 or by phone at (718) 354-4353 (Sector New York Command Center). Those in the safety zone must comply with all lawful orders or directions given to them by the COTP or a COTP designated representative.

(d) <u>Enforcement period</u>. This section will be enforced from June 22, 2016 through **December 31, 2018**.

Full Channel Closures: On **Thu, Oct 27** from approximately 8 am to 4 pm the entire 600 foot wide main Federal navigation channel at the Tappan Zee Bridge is scheduled to be closed to all vessel transits. Mariners exercise caution in this area.

East Half Channel Closures: On **Thu, Oct 20, Tue, Oct 25 and Fri, Oct 28** from approximately **6 am to 4:30 pm** the eastern 300 feet of the 600 foot wide main Federal navigation channel at the Tappan Zee Bridge is closed to all vessel transits. The western 300 feet of the 600 foot wide main Federal navigation channel remains open. All vessels may not produce a wake and may not attain speeds greater than five knots unless a higher minimum speed is necessary to maintain steerageway when transiting through the Tappan Zee Bridge regulated navigation areas.

West Half Channel Closures On **Sat, Oct 22** from approximately **6 am to 4:30 pm** the western 300 feet of the 600 foot wide main Federal navigation channel at the Tappan Zee Bridge is closed to all vessel transits. The eastern 300 feet of the 600 foot wide main Federal navigation channel remains open. All vessels may not produce a wake and may not attain speeds greater than five knots unless a higher minimum speed is necessary to maintain steerageway when transiting through the Tappan Zee Bridge regulated navigation areas.

Additionally there are 16 equipment moorings located west of the navigation channel, 8 to the south and 8 to the north of the bridge. The buoy positions are displayed on corrected editions of NOAA Chart 12343. They are each lit with a 360 degree steady burning white light. The Coast Guard has established a safety zone surrounding these equipment moorings. Entry into, anchoring, loitering, or movement within the Safety Zone is prohibited unless the vessel is working on the bridge construction operations or authorized by the Captain of the
Port New York (COTP) or a designated representative.

Nine buoys have been installed marking the equipment mooring area safety zone. Each buoy has a 39" diameter and a height of 82.5" (64"above the waterline). The buoys are white with an orange warning decal and lit with a white flashing light visible for 3 nm. The buoys are displayed on corrected
editions of NOAA Chart 12343.

Mariners are advised to transit the main channel, reduce wake and use extreme caution while transiting the area in the vicinity of the Tappan Zee Bridge especially during inclement weather and darkness, and pay particular attention to vessel movements
Chart 12343 LNM 42/16 (CGD1)

NEW YORK – NEW YORK TO WAPPINGER CREEK – HUDSON RIVER - Regulated Navigation Area and Safety Zone – The Coast Guard is revising the current regulated navigation area (RNA) for the navigable waters of the Hudson River surrounding the Tappan Zee Bridge. First, the Coast Guard is establishing a new safety zone surrounding commercial mooring buoys installed for the ongoing Tappan Zee Bridge replacement project. The safety zone will prohibit all vessel traffic that could pose an imminent hazard to persons and vessels that will be transiting to and from the bridge site and maneuvering in close quarters between other construction vessels and large mooring buoys. Second, the Coast Guard is expanding the size of the current RNA and designating two areas within the RNA, the Eastern RNA and the Western RNA, based upon their respective locations in relation to the new safety zone. This rule is necessary to provide for the safety of life in the RNA and safety zone during the construction of the New NY Bridge and demolition of the existing Tappan Zee Bridge.
This rule is effective without actual notice from **July 25, 2014 to December 31, 2018**. Comments and related material will be accepted and reviewed by the Coast Guard through **December 31, 2018.** For the purposes of enforcement, actual notice will be used from the date the rule was signed, July 3, 2014 until July 25, 2014. If you have questions on this rule, call or e-mail Chief Craig Lapiejko, Waterways Management at Coast Guard First District, telephone 617-223-8351, e-mail craig.lapiejko@uscg.mil or, Mr. Jeff Yunker, Coast Guard Sector New York Waterways Management Division, U.S. Coast Guard; telephone 718-354-4195, e-mail jeff.m.yunker@uscg.mil. Comments and related material will be accepted and reviewed by the Coast Guard through September 23, 2014. You may submit comments, identified by docket number "USCG-2013-0705", using any one of the following methods: (1) Federal eRulemaking Portal: http://www.regulations.gov. (2) Fax: (202) 493-2251. (3) Mail or Delivery: Docket Management Facility (M-30), U.S. Department of Transportation, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590-0001. Deliveries accepted between 9 a.m. and 5 p.m., Monday through Friday, except federal holidays. The telephone number is 202-366-9329.
§165.T01-0174 Regulated Navigation Areas and Safety Zone Tappan Zee Bridge Construction Project, Hudson River; South Nyack and Tarrytown, NY

(a) Regulated Navigation Area Boundaries. The following are regulated navigation areas:

(1) "Western RNA": all waters bound by the following approximate positions: 41°04'39.16"N, 073°55'00.68"W on the western shoreline; thence to 41°04'28.34"N, 073°54'47.18"W; thence to 41°04'11.28"N, 073°54'48.00"W; thence to 41°03'57.26"N, 073°54'40.73"W; thence to 41°03'57.36"N, 073°54'47.38"W; thence to 41°03'58.66"N, 073°54'56.14"W; thence to 41°04'03.00"N, 073°55'07.60"W; thence to a point on the western shoreline at 41°04'06.69"N, 073°55'14.10"W; thence northerly along the shoreline to the point of origin (NAD 83).

(2) "Eastern RNA": all waters bound by the following approximate positions: 41°04'21.96"N, 073°52'03.25"W on the eastern shoreline; thence to 41°04'26.27"N, 073°52'19.82"W; thence to 41°04'26.53"N, 073°53'20.07"W; thence to 41°03'56.92"N, 073°53'18.84"W; thence to 41°03'56.69"N, 073°52'24.75"W; thence to a point on the eastern shoreline at 41°03'46.91"N, 073°52'05.89"W; thence northerly along the shoreline to the point of origin (NAD 83).

(b) Safety Zone Boundaries*:* The following is a Safety Zone: all waters bound by the following approximate positions: 41°04'59.70"N, 073°54'45.54"W; thence to 41°05'00.18"N, 073°53'21.48"W; thence to 41°03'09.24"N, 073°53'16.86"W; thence to 41°03'07.08"N, 073°54'14.70"W; thence to 41°04'11.28"N, 073°54'48.00"W; 41-04-59.700"N, 073-54-00.420"W; 41-03-32.220"N, 073-53-18.180"W; 41-03-08.100"N, 073-53-40.800"W; thence to the point of origin (NAD 83).

(c) Regulations.

(1) The general regulations contained in 33 CFR 165.10, 165.11, and 165.13, 165.20 and 165.23 apply.

(2) Any vessel transiting through the Western RNA must make a direct and expeditious passage. No vessel may stop, moor, anchor or loiter within the RNA at any time unless they are working on the bridge construction operations.

(3) Any vessel transiting through the Eastern RNA must make a direct and expeditious passage. No vessel may stop, moor, anchor or loiter within the RNA at any time unless they are working on the bridge construction operations or they are transiting to, or from, the special anchorage area codified in 33 CFR 110.60(c)(8) located on the eastern shoreline at Tarrytown, NY and within the boundaries of the RNA.

(4) Entry and movement within the Eastern RNA or Western RNA is subject to a "Slow-No Wake" speed limit. All vessels may not produce a wake and may not attain speeds greater than five knots unless a higher minimum speed is necessary to maintain steerageway. All vessels must proceed through the Eastern RNA and Western RNA with caution and operate in such a manner as to produce no wake.

(5) Entry into, anchoring, loitering, or movement within the Safety Zone is prohibited unless the vessel is working on the bridge construction operations or authorized by the Captain of the Port New York (COTP) or his designated representative.

(6) All persons and vessels must comply with all orders and directions from the COTP or the COTP's designated representative. The "designated representative" of the COTP is any Coast Guard commissioned, warrant or petty officer who has been designated by the COTP to act on the COTP's behalf. The designated representative may be on a Coast Guard vessel or New York State Police, Westchester County Police, Rockland County Police, or other designated craft; or may be on shore and will communicate

with vessels via VHF-FM radio or loudhailer. Members of the Coast Guard Auxiliary may be present to inform vessel operators of this regulation.

(7) Upon being hailed by a Coast Guard vessel by siren, radio, flashing light or other means, the operator of the vessel must proceed as directed.

(8) For the purpose of this regulation, the Federal navigation channel, located in the Eastern RNA is marked by the red and green navigation lights on the existing Tappan Zee Bridge, and the New NY Bridge. As the project progresses, the Federal navigation channel will be intermittently closed, or partially restricted, to all vessel transits. While the Federal navigation channel is closed, vessels that can safely navigate outside the Federal navigation channel would still be able to transit through the Eastern RNA. These closures or partial restrictions are tentatively scheduled to take place between March 2015 and October 2016. The COTP will cause a notice of the channel closure or restrictions by appropriate means to the affected segments of the public. Such means of notification may include, but are not limited to, Broadcast Notice to Mariners and Local Notice to Mariners.

(9) Notwithstanding anything contained in this section, the Rules of the Road (33 CFR part 84—Subchapter E, inland navigational rules) are still in effect and must be strictly adhered to at all times.

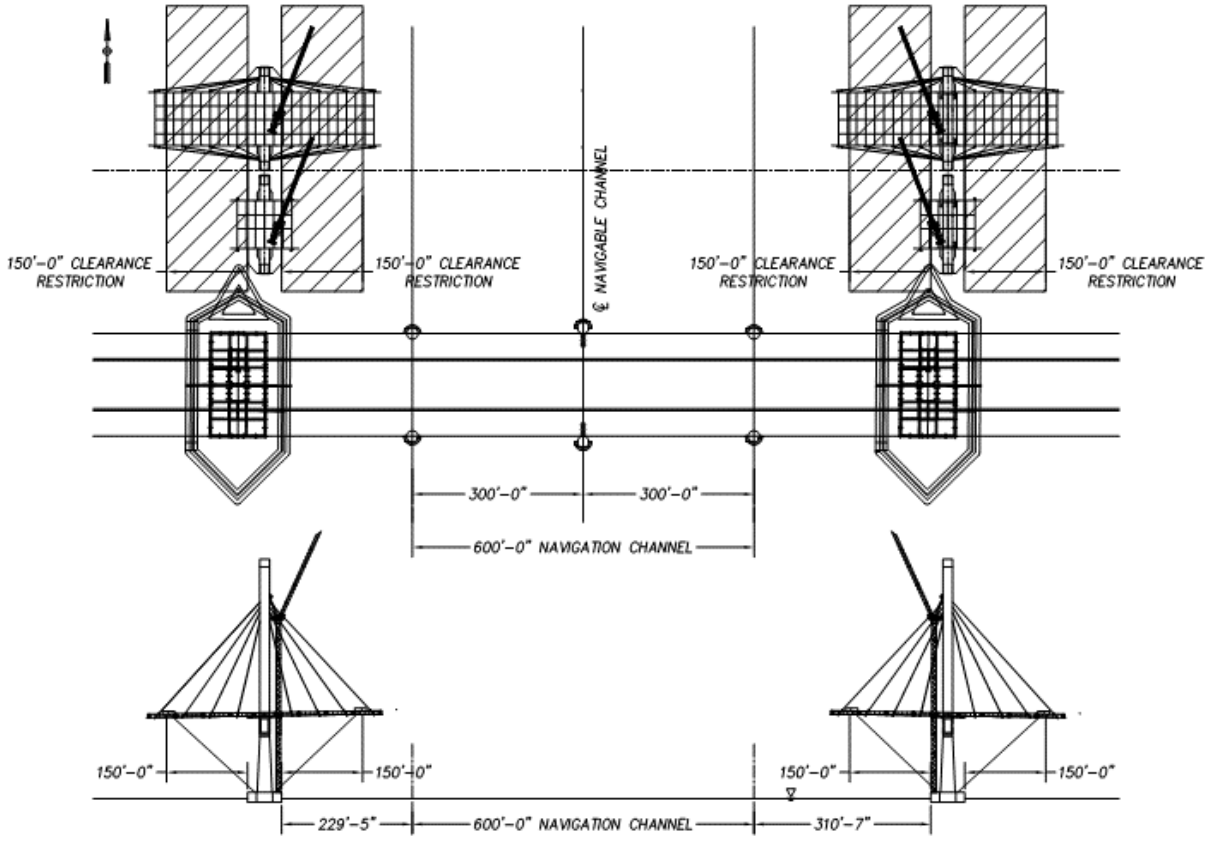
(d) Enforcement Periods. This regulation will be enforced 24 hours a day from 5:00 a.m. on July 3, 2014 until 11:59 p.m. on **December 31, 2018**.

(1) Notice of suspension of enforcement: If enforcement is suspended, the COTP will cause a notice of the suspension of enforcement by appropriate means to the affected segments of the public. Such means of notification may include, but are not limited to, Broadcast Notice to Mariners and Local Notice to Mariners. Such notification will include the date and time that enforcement will be suspended as well as the date and time that enforcement will resume.

(2) Violations of this regulation may be reported to the COTP at 718-354-4353 or on VHF-Channel 16.

Chart 12343 LNM 42/16 (CGD1)

NEW YORK – NEW YORK TO WAPPINGER CREEK – HUDSON RIVER – <u>New Bridge Construction/Temporary Bridge Support Cables</u> – Starting on or about September 1, 2016, the ongoing bridge construction at the New Tappan Zee Bridge will require the installation of temporary cables that will extend outward and upward from the new bridge piers to the new bridge deck approximately 150-feet horizontally from the pier. These temporary cables will remain in place until the bridge is complete. The cable limits are outside of the 600' wide Navigational Channel, and all vessels transiting the area should confine their operation and navigation to the Navigation Channel, staying clear of the new bridge piers by a distance of at least 200'. The support cables will be illuminated at night by white lights.



TEMPORARY SUPPORT CABLES

The contractor's on-scene workboats monitor VHF channels 13 and 16. Questions or concerns regarding navigation issues associated with these operations may be addressed at the USCG Command Center of Sector of New York.
Chart 12343 LNM 42/16 (CGD1)

NEW YORK – HUDSON RIVER– UPPER HUDSON RIVER – <u>Bridge Railing Replacement</u>–Railing replacement at the Walkway over the Hudson Bridge across Hudson River at mile 76.1 will commence on or about 28 March 2016. Hours of operation will be 0700 to 1600 and 2100 to 0500, Monday through Saturday. This project is expected to be completed by **end of 2016**. All work will be performed on top of the bridge and will not impact marine traffic. Mariners are advised to exercise caution when transiting the area.
Chart 12347 LNM 42/16(CGD1)

NEW YORK – HUDSON RIVER– <u>Misc. Repair</u>– Misc. Steel and concrete repairs, Catwalk and Maintenance platform rehabilitation to the George Washington Bridge across Hudson River at mile 11.0 will commence on or about 22 August 2016. Work platform will be installed underneath the span above the lowest point of the bridge; it will not reduce the available vertical clearance of the bridge. Hours of operation will be 0700 to 1500, Mondays through Fridays.

From 22 August through 9 September a tug and barge measuring 183ft X 40ft will be operating next to the NY towers outside the navigable channel, lowering the old movable platform into the barge.

This project is expected to be completed by **end of 2017**. Mariners are advised to exercise caution and reduce wake when transiting the area.
Chart 12343 LNM 42/16(CGD1)

NEW YORK – TALLMAN ISLAND TO QUEENSBORO BRIDGE – FLUSHING RIVER – <u>Bridge Rehabilitation</u> – Construction to the Roosevelt Ave Bridge across Flushing River at mile 0.8 is in progress. There will not be any construction equipment in the navigable channel. The project will be completed by **May 7, 2019.**
Chart 12339 LNM 42/16 (CGD1)

NEW YORK – TALLMAN ISLAND TO QUEENSBORO BRIDGE – FLUSHING RIVER – <u>Replacement of the Fender System</u> – Construction to the Whitestone Expressway (I-678) Bridge across the Flushing River at mile 0.2 will commence on or about September 8, 2016. Construction and material barges will be operating in the navigable channel during working hours. Hours of operations are from Monday to Friday during daylight hours. Mariners requiring full horizontal clearance to transit the channel can contact the bridge contractor via mariner radio VHF-FM CH 13/16 or call 516-315-7645 to ensure construction vessels are removed from the channel prior to their transit. The project will be completed by **April 30, 2017**. Mariners are advised to transit the area with caution and reduce wake.
Chart 12339 LNM 42/16 (CGD1)

NEW YORK – NEW YORK HARBOR – EAST RIVER – NEWTOWN CREEK – <u>Bike Path Installation</u> – Construction to the Pulaski (McGuiness Blvd) Bridge across Newtown Creek at mile 0.6, Brooklyn, New York will commence on October 1, 2016 and will be completed on November 30, 2016. An underbridge inspection unit will be operated under the bridge from October 10 to **October 13, 2016** between 9 p.m. and 5 a.m. Mariners requiring full vertical clearance can contact the contractor via marine radio VHF-FM CH 13/16 or call 914-484-4044 or 917-710-4128. Mariners are advised to exercise caution when transiting the area.
Chart 12338 LNM 42/16 (CGD1)

NEW YORK – NEW YORK HARBOR – EAST RIVER – NEWTOWN CREEK – <u>Bridge Replacement</u> – Construction to the Kosciuszko New Eastbound (EB) Bridge across Newtown Creek at mile 2.1 is in progress. A temporary construction traveler will be operating over the navigable channel and will reduce the vertical clearance by approx. 10 feet. Mariners requiring full vertical clearance can contact the contractor via marine radio VHF-FM CH 13/16 or call 360-516-0208/646-235-7819 with 48 hours advance notice. The temporary construction traveler is authorized through September 30, 2016. The project will be completed by **March 31, 2017**. Mariners are advised to exercise caution when transiting the area.
Chart 12338 LNM 42/16 (CGD1)

NEW YORK – LONG ISLAND SOUND AND EAST RIVER – HEMPSTEAD HARBOR TO TALLMAN ISLAND - EAST RIVER – <u>Bridge Inspection</u> – Inspection to the approach viaducts of the Throgs Neck Bridge across East River at mile 15.8 will commence on October 24, 2016. Hours of operation are from 8 a.m. to 4 p.m. A barge with manlift will be operating IVO the bridge outside the navigation channel. Mariners can contact the contractor via marine radio VHF-FM CH 13/16 or call 646-961-1105 for barge location. This project will be completed by **December 30, 2016**. Mariners are advised to exercise caution when transiting the area.
Chart 12366 LNM 42/16 (CGD1)

NEW YORK- NEW HARBOR –EAST RIVER –Bridge Rehabilitation – Scaffolding – Rehabilitation of Bronx-Whitestone Bridge across the East River at mile 13.8 will commence or about 13 June 2016. Scaffolding will be installed under the bridge and will **NOT** reduce the available vertical clearance. This project is expected to be completed by **mid-2019**. Mariners are advised to exercise caution when transiting the area.
Chart 12339 LNM 42/16 (CGD1)

NEW YORK- NEW HARBOR –EAST RIVER – Biennial Bridge Inspection-Biennial Bridge inspection of the Triboro (RFK) Bridge across the East River, mile 7.8, will commence on or about 1 June and continue through **31 October 2016**. Bridge inspectors, equipped with marine radios, will be monitoring Chan. 13/16 VHF-FM. Bridge inspection will have no impact to navigation. Hours of operation are from 0800 to 1600, Mondays through Fridays. Mariners are advised to exercise caution when transiting the area.
Chart 12342 LNM 42/16 (CGD1)

NEW YORK – NEW YORK HARBOR – EAST RIVER – HUDSON RIVER – HARLEM RIVER – **Bridge Modification** – The U.S. Coast Guard has received an application for a bridge permit from the New York City Department of Transportation proposing modification of the fender system at the Broadway Bridge across the Harlem River, Manhattan, New York. Comments on this proposal should be forwarded to the office of Commander (dpb), First Coast Guard District, One South Street, Battery Park Building, New York, New York 10004-1466 through **October 19, 2016**. Public Notice 1-151, which describes the proposal in detail, may be viewed at http://www.navcen.uscg.gov/index.php. Copies of the public notice may be obtained by writing to the above address or calling 212-514-4335.
Chart 12342 LNM 42/16 (CGD1)

NEW YORK- HUDSON AND EAST RIVERS – GOVERNORS ISLAND TO 67TH STREET – EAST RIVER – Biennial Bridge Inspection-Biennial Bridge inspection of the Williamsburg Bridge across the East River, mile 2.3, will commence on or about 2 May and continue through **31 December 2016**. At times the traveler platform which will reduce the vertical clearance by approximately 15 feet will be operating at various locations over the navigable channel. Bridge inspectors, equipped with marine radios, will be monitoring Chan. 13/16 VHF-FM. Mariners requiring full vertical clearance under the bridge can contact the bridge inspector and request the traveler platform be moved out of the navigable channel. Hours of operation are from 0800 to 1600, Mondays through Fridays. The traveler platform will be moved out of the navigable channel after work hours, or when not in use. Mariners are advised to exercise caution when transiting the area.
Chart 12335 LNM 42/16 (CGD1)

NEW YORK – HUDSON AND EAST RIVERS – GOVERNORS ISLAND TO 67TH STREET – EAST RIVER – Bridge Inspection – From October 24, 2016 to **December 23, 2016** between 8 a.m. to 2 p.m., bridge traveler will be operated under Manhattan Bridge across East River at mile 1.1 in order to perform bridge inspection. The traveler platform will reduce the vertical clearance by approximately 10.1ft. Mariners requiring full vertical clearance can contact the contractor via marine radio VHF-FM Ch 13/16 or call 917-887-0772. The traveler platform will be moved out of the navigable channel after work hours or when not in use. Mariners are advised to exercise caution when transiting the area.
Chart 12335 LNM 42/16 (CGD1)

NEW YORK- HUDSON AND EAST RIVERS – GOVERNORS ISLAND TO 67TH STREET – EAST RIVER – Bridge Painting & Rehabilitation – Painting/approach rehabilitation of the Brooklyn Bridge across the East River, mile 0.8, is in progress. Contractor has installed scaffolding from the Brooklyn side through mid-channel. Scaffolding reduces the available vertical clearance under the bridge by approx. 6 feet. The scaffolding will be marked by three red lights, one at each end of the scaffolding and one at the center. The remainder of the channel between mid-channel and the Manhattan side will provide full vertical clearance and is clear of any obstructions, however, at times the movable platforms will be in use and occupy part of the Brooklyn half channel, the traveler platform can be move for passage of large vessels, with a one hour advance notice. Large vessels requiring the full vertical clearance of the bridge should contact the resident engineer in advance at 347-242-6442 for up to date information. This project is expected to be completed by end **January 2017.** Mariners are advised to exercise caution when transiting the area and large vessels are reminded to transit the Manhattan half of the channel.
Chart 12335 LNM 42/16 (CGD1)

NEW YORK – NEW JERSEY - RARITAN BAY AND SOUTHERN PART OF ARTHUR KILL – FRESH KILLS - Bridge Inspection – Inspection to the West Shore Expressway Bridge across Fresh Kills will commence on October 31, 2016. Hours of operation are from 8 a.m. to 4 p.m. A barge with manlift will be operating IVO the bridge. Mariners can contact the contractor via marine radio VHF-FM CH 13/16 or call 646-508-1030 for barge location. This project will be completed by **November 2, 2016**.

Mariners are advised to exercise caution when transiting the area.
Chart 12331 LNM 42/16 (CGD1)

NEW YORK- NEW YORK HARBOR –EAST RIVER-NEWTOWN CREEK-HARLEM RIVER – Bridge Closures – To accommodate the New York City Marathon, the following bridges will not open for marine traffic on Sunday 6 November 2016 as follows:

1. Pulaski Bridge across Newtown Creek – 0830 to 1500
2. Willis Ave. Bridge across Harlem River – 1000 to 1700
3. Madison Ave. Bridge across Harlem River – 1000 to 1700

Mariners are advised to plan accordingly.
Chart 12327 LNM 42/16 (CGD1)

NEW YORK – NEW YORK HARBOR – EAST RIVER – HARLEM RIVER – Bridge Inspection – Inspection to the Major Deegan exit ramp of the Macombs Dam Bridge across Harlem River at mile 3.2 will commence on October 29, 2016. Hours of operation are from 8 A.M. to 3 P.M. A Wellcraft boat will be operating IVO the bridge. Mariners requiring full horizontal clearance can contact the contractor via marine radio VHF-FM Ch 13/16 or call 917-359-9395. This project is to be completed by **October 30, 2016**. Mariners are advised to exercise caution when transiting the area.
Chart 12342 LNM 42/16 (CGD1)

NEW YORK – NEW YORK HARBOR – EAST RIVER – HARLEM RIVER - Fender System Damaged – The 207 St. (University Ave.) Bridge across Harlem River at mile 6.0 suffered a major fender collapsed at the East draw (Bronx side). To prevent further damage until it can be permanently repaired NYCDOT **i**s r**equesting all mariners to transit the West Draw** (Manhattan side) until further notice. From October 17, 2016 to December 14, 2016 between 6 a.m. and 2:30 p.m., a 30ft by 90 ft barge will be operated in the west channel (draw). Mariners requiring full horizontal clearance can contact the contractor via marine radio VHF-FM CH 13/16 or call 718-796-1971. Mariners are advised to exercise extreme caution and reduce wake when transiting the area.
Chart 12327 LNM 42/16 (CGD1)

NEW YORK – NEW YORK HARBOR – EAST RIVER – HARLEM RIVER- Bridge Out of Service – The Macombs Dam and 207 St. Bridges across Harlem River at mile 3.2 and 6.0 are still unable to open due the major damaged sustain during Hurricane Sandy. Vertical clearance under the closed span of Macomb's Dam is approx. 27 feet at MHW and the 207th Bridge is approx. 26 feet at MHW. NYCDOT is now in the process of awarding the contract to repair the bridge. On July 27 and July 28, 2016 a carne barge and a material scow will be operating in the Bronx channel mariners are advice to transit the Manhattan channel.
Vessels that can transit under the closed span may do so at any time. Mariners are advised to plan accordingly and exercise extreme caution when transiting the area.
Chart 12327 LNM 42/16 (CGD1)

NEW YORK - NEW JERSEY - NEW YORK HARBOR – Biennial Bridge Inspection - Biennial Bridge inspection of the Verrazano Bridge across the New York Harbor, mile 0.0, will commence on or about 23 June and continue through **31 October 2016**. At times the traveler platform which will reduce the vertical clearance by approximately 15 feet will be operating at various locations over the navigable channel. Bridge inspectors, equipped with marine radios, will be monitoring Chan. 13/16 VHF-FM. Mariners requiring full vertical clearance under the bridge can contact the bridge inspector and request the traveler platform be moved out of the navigable channel. The traveler platform will be moved out of the navigable channel after work hours, or when not in use. Mariners are advised to exercise caution when transiting the area.
Chart 12327 LNM 42/16 (CGD1)

NEW YORK – NEW JERSEY - NEW YORK HARBOR – KILL VAN KULL – Vertical Clearance Reduction – On or about 15 August through **31 December 2016** a temporary work platform measuring 16ft X 2 1/2ft will be operating at various locations under the Bayonne Bridge reducing the available vertical clearance by approx. 5 feet. Bridge Engineer/contractor is equip with marine radio and will be monitoring Chan. 13/16 VHF-FM, when the work platform is in use. Mariners requiring the full vertical clearance can contact the bridge engineers/contractor one hour in advance to move the work platform above the bottom girder. The work platform will be pulled up above the bottom girder when not in use. Mariners are advised to exercise caution when transiting the area.
Chart 12327 LNM 42/16 (CGD1)

NEW YORK AND NEW JERSEY – NEW YORK HARBOR – KILL VAN KULL – Bridge Construction - The construction project for the raising of the Bayonne Bridge navigational clearance across the Kill Van Kull, mile 1.5, is in progress. Phase 1 is removal of the west side sidewalk. Phase 2 involves the demolition of the eastern half approach of the span deck. All work at this

time is above the bridge deck and on the bridge approaches and will not impact marine traffic. This project is expected to be completed by the end **of 2016**. More information will be provided as the project progresses. Mariners are advised to exercise caution when transiting the area.
Chart 12327 LNM 42/16 (CGD1)

NEW YORK – NEW JERSEY – KILL VAN KULL AND NORTHERN PART OF ARTHUR KILL – ARTHUR KILL - Bridge Testing – On **October 24, 2016** from 8 a.m. to 9:19 a.m., and from 11:19 a.m. to 3:23 p.m. the Arthur Kill (AK) Bridge across Arthur Kill at mile 11.6 will be performing control system testing. During these times, the bridge will be operated up and down as needed. The bridge operator will coordinate bridge closings in advance with Coast Guard Vessel Traffic Service New York to minimize impact on maritime traffic. Furthermore, mariners requiring bridge openings can contact the bridge via marine radio VHF-FM CH 13 with 10 minutes notice. Mariners are advised to exercise caution when transiting the area.
Chart 12333 LNM 42/16 (CGD1)

NEW YORK AND NEW JERSEY – NEW YORK HARBOR – ARTHUR KILL – Bridge Construction- Construction for the replacement of the Goethals Bridge across the Arthur Kill, mile 11.5, is in progress. The installation of the main span over the navigable channel is in progress. See attached work schedule over the navigable water below. Two 8ft by 12ft and two 4ft by 10ft movable platforms will be operating under the new installed span to complete the installation. Hours of operations are from 7 a.m. to 5:30 p.m. Monday to Friday and 7 a.m. to 3:30 p.m. on Saturday. Upon 2 hours advance notice during work hours the movable platform can be move, after work hours it will require a 6 hours advance notice to mobilize the crew to move the traveler platform. Mariners can contact 360-601-6182 or 201-394-6702 for the required advance notice. Mariners are advised to exercise caution when transiting the area
Chart 12327 LNM 42/16 (CGD1)

TGT 09/19/1

TGT 10/17/16

Kiewit – Weeks – Massman
KWM
Goethals Bridge Replacement

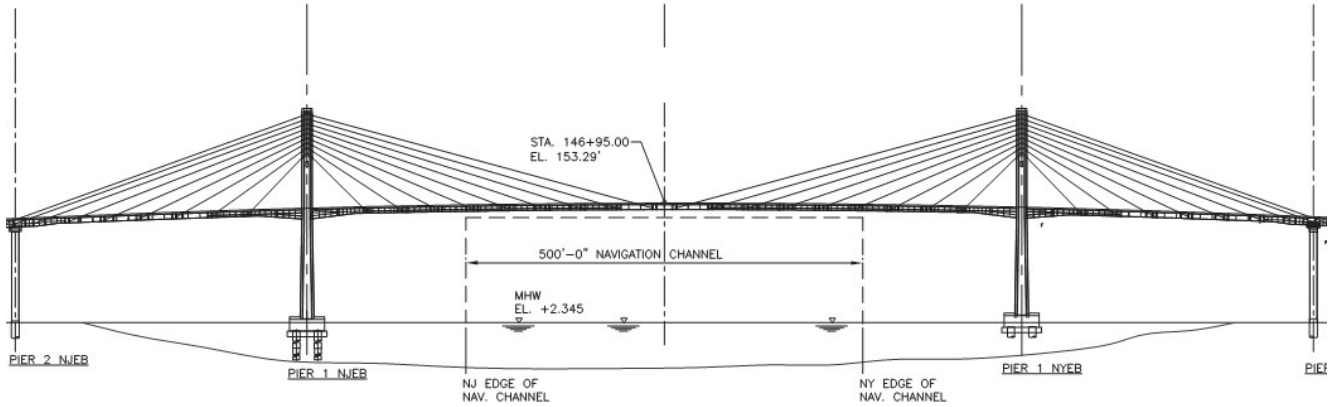
EB Main Bridge Superstructure Erection Navigation Clearance Reduction and Schedule

Elevation Datum NAVD88

	New Jersey			Limits of 500 ft. Navigation Channel													New York		
EG Segment	**201**	**202**	**203**	**204**	**205**	**206**	**207**	**208**	**209**	**Closure**	**309**	**308**	**307**	**306**	**305**	**304**	**303**	**302**	**301**
North EG WP EL	147.61	148.49	149.24	149.89	150.42	150.88	151.23	151.07	150.53		150.53	151.05	151.12	150.80	150.36	149.86	149.26	148.52	147.62
Traveler Depth	-15.50	-15.50	-15.50	-15.50	-15.50	-15.50	-15.50	-15.50	-15.50		-15.50	-15.50	-15.50	-15.50	-15.50	-15.50	-15.50	-15.50	-15.50
Tolerance (ft.)				-0.17	-0.17	-0.17	-0.33	-0.33	-0.33		-0.33	-0.33	-0.33	-0.17	-0.17	-0.17			
MHW Elev.				-2.35	-2.35	-2.35	-2.35	-2.35	-2.35		-2.35	-2.35	-2.35	-2.35	-2.35	-2.35			
	Clearance to traveler at MHW =			131.87	132.40	132.86	133.05	132.89	132.35		132.35	132.87	132.94	132.78	132.34	**131.84**			

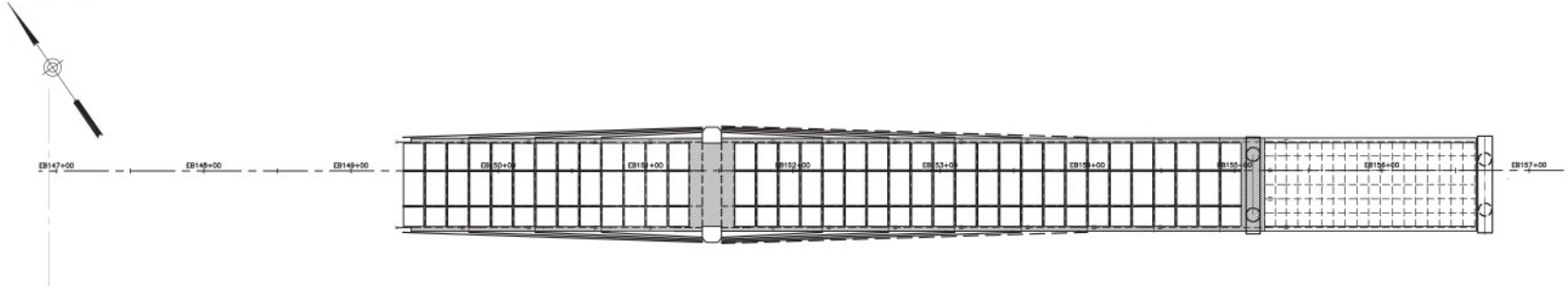
Schedule	201	202	203	204	205	206	207	208	209	Closure	309	308	307	306	305	304	303	302	301
Start Erection	06/27/16	08/06/16	08/26/16	09/20/16	10/07/16	10/22/16	11/08/16	11/29/16	12/14/16		12/15/16	12/01/16	11/14/16	10/31/16	10/15/16	10/01/16	09/14/16	08/21/16	07/13/16

Date		Dist CL Channel to Traveler (ft.)		
From	To	NJ	NY	Total
09/20/16	09/30/16	213	258	**471**
10/01/16	10/06/16	213	213	**426**
10/07/16	10/14/16	168	213	**381**
10/15/16	10/21/16	168	168	**336**
10/22/16	10/30/16	123	168	**291**
10/31/16	11/07/16	123	123	**246**
11/08/16	11/13/16	78	123	**201**
11/14/16	11/28/16	78	78	**156**
11/29/16	11/30/16	33	78	**111**
12/01/16	12/13/16	33	33	**66**
12/14/16	12/14/16	0	33	**33**
12/15/16		0	0	**0**



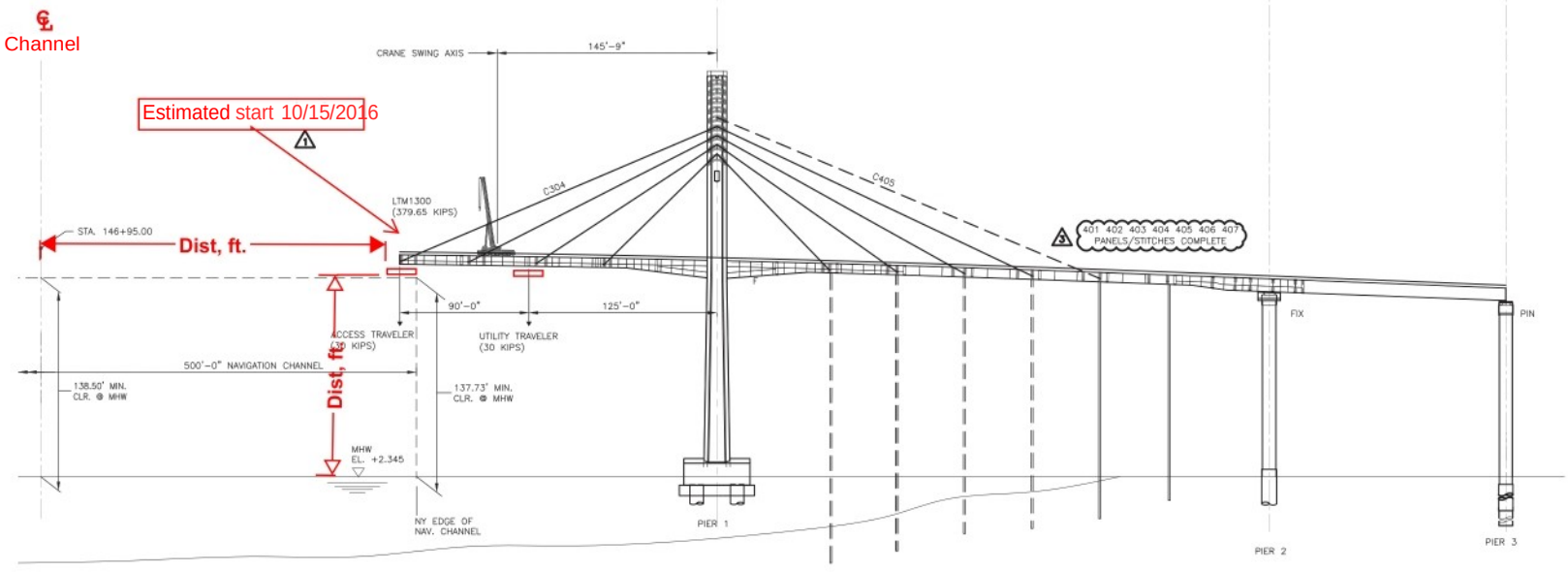
EASTBOUND MAIN BRIDGE ELEVATION (LOOKING NORTH)

0 100 200
SCALE IN FEET



EASTBOUND MAIN BRIDGE PLAN VIEW

0 40 80
SCALE IN FEET



EASTBOUND MAIN BRIDGE ELEVATION (LOONNG NORTH)

0 40 80
SCALE IN FEET

SEGMENT 304:

1. ERECT THE EDGE GIRDERS, FLOORBEAMS, AND REDUNDANCY TRUSS STEEL GRILLAGE FOR MAIN SPAN SEGMENT 304. INSTALL SEGMENTED FAIRINGS ON THE SOUTH EDGE GIRDER, TEMPORARY FAIRINGS ON THE NORTH EDGE GIRDER AND BAFFLE PLATES ON THE NORTH REDUNDANCY TRUSS.
2. INSTALL ALL STAY CABLE STRANDS FOR STAY CABLE C304 NORTH AND SOUTH AND COMPLETE STAGE 1 STAY CABLE STRESSING. (1)
3. MOVE THE ERECTION CANE 15 FEET BACK. PLACE THE DECK PANELS FOR THIS SEGMENT.
4. PERFORM SURVEY 1.
5. COMPLETE STAGE 2 STRESSING FOR STAY C304.
6. COMPLETE STAGE 2 STRESSING OF STAY C404.
7. PERFORM SURVEY 2.
8. COMPLETE THE STITCH POUR FOR THE FLOORBEAMS AND EDGE GIRDERS.
9. INSTALL STRANDS OF STAY C405 NORTH AND SOUTH AND STRESS TO STAGE 1.
10. ADVANCE THE ERECTION CRANE. (2)

CONSTRAINTS:

1. SEE ES-24 FOR CONSTRAINTS REGARDING THE BOLTING CONNECTION.
2. STEEL ERECTION SHALL BE NO MORE THAN TWO SEGMENTS AHEAD OF WIND FAIRING AND BAFFLE INSTALLATION.
3. ALL THE BACK SPAN GIRDERS MUST BE COMPLETED PRIOR TO STEP 9. (3)
4. BACKSPAN STITCH POURS MUST BE COMPLETED IN SEGMENTS 401-407 PRIOR TO SEP 9.

NOTES:

1. MAIN SPAN EDGE GIRDERS ARE TO BE AT THE AS-FABRICATED ALIGNMENT RELATIVE TO THEIR MATING GIRDERS AND THE SPLICES ARE TO BE MADE TO THE AS-FABRICATED AND TRIAL ASSEMBLED ALIGNMENT WHEN CRANE SUPPORTED.
2. THE BACK SPAN SUPERSTRUCTURE WILL LIFT OFF THE SHORING TOWERS AND INTO THE PROFILE TABULATED IN THE ERECTION MANUAL AS THE BACK SPAN CABLES ARE STRESSED. FALSEWORK GIRDER BEARINGS SHOULD BE REMOVED AFTER THE SUPERSTRUCTURE HAS LIFTED OFF THE SHORING TOWER SUPPORT.

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No.	Date	Revision	Approved
3	3/30/2016	FDC371	JCC
2	2/26/2016	FDC368	JCC
1	11/23/2015	REV. 2	JCC
0	7/11/2015	FINAL	JCC

ENGINEERING DEPARTMENT

GOETHALS BRIDGE

STRUCTURAL

Title
GOETHALS BRIDGE
REPLACEMENT PROJECT
ERECTION SEQUENCE
EASTBOUND
MAIN BRIDGE

STAGE 11: NY MAIN SPAN
SEGMENT 304

This drawing is subject to conditions in contract. Subject to the terms of the Project Documents, all inventions, ideas, designs and methods herein are reserved in accordance with the Project Agreement and may not be used without the Author's consent.
All recipients of project documents, including any Contractor or Developer-Related Entity, shall make every effort to ensure the secure and appropriate disposal of the project documents to prevent further disclosure of the information contained in the documents. Secure and appropriate disposal includes methods of document destruction such as shredding or arrangements with refuse handlers that ensure that third persons will not have access to the documents contained either before, during, or after disposal.
Documents may also be returned for disposal purposes to the Office of the Chief Engineer of the Port Authority of NY & NJ, 225 Park Avenue South, 7th Floor, New York, NY 10010.
No person shall be permitted to alter a document in any way, unless acting under the direction of a licensed professional engineer or registered architect. If this document bearing the seal of an engineer/architect is altered, the altering engineer/architect shall affix to the document their seal and the notation "altered by" followed by their signature and the date of such alteration, and a specific description of the alteration.

R.SEHHATI	A. LIOTA	J. CLENANCE
Designed by	Drawn by	Checked by

Date 11/17/2014

Contract Number

Drawing Number

PD# 03896002

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WBS #: 2035

EASTBOUND MAIN BRIDGE PLAN VIEW

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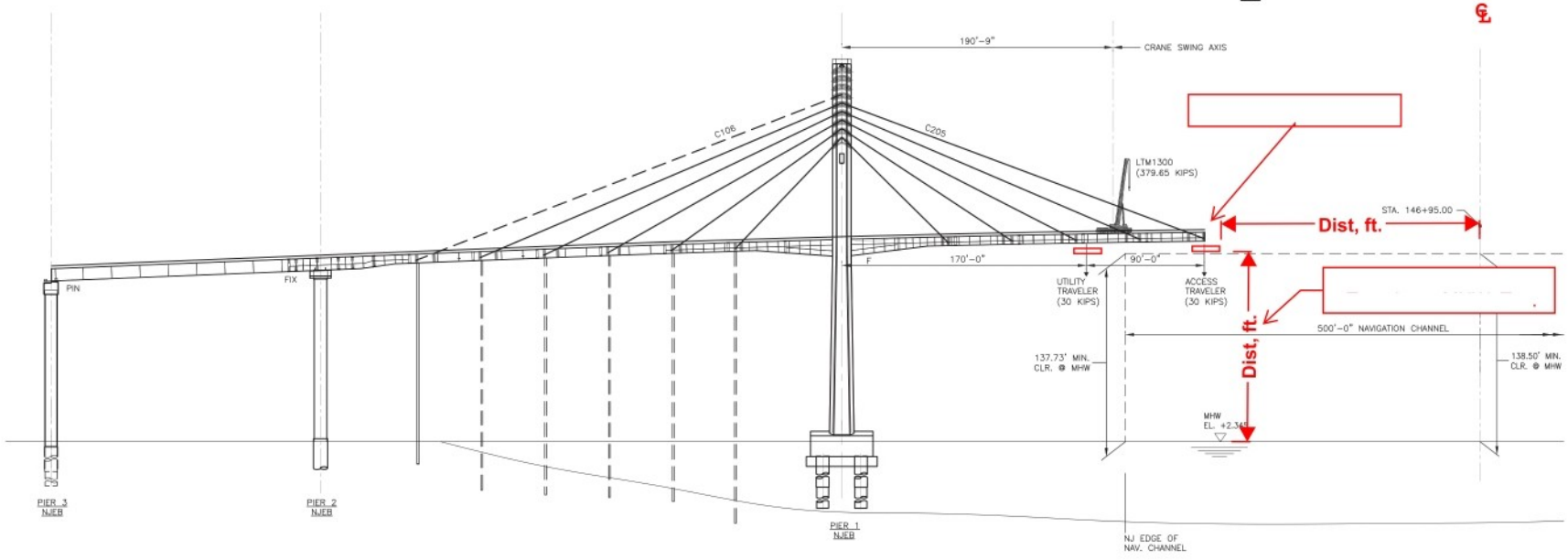
0 40 80
SCALE IN FEET



0 40 80
SCALE IN FEET

SEGMENT 205:

1. ERECT THE EDGE GIRDERS, FLOORBEAMS, AND REDUNDANCY TRUSS STEEL GRILLAGE FOR MAIN SPAN SEGMENT 205. INSTALL SEGMENTED FAIRINGS ON THE SOUTH EDGE GIRDER, TEMPORARY FAIRINGS ON THE NORTH EDGE GIRDER AND BAFFLE PLATES ON THE NORTH REDUNDANCY TRUSS.
2. CONSTRUCT FLANKING SPAN BARRIER, PENDING FLANKING SPAN COMPLETION.
3. INSTALL ALL STAY CABLE STRANDS FOR STAY CABLE C205 NORTH AND SOUTH AND COMPLETE STAGE 1 STAY CABLE STRESSING.
4. MOVE THE ERECTION CRANE 15 FEET BACK. PLACE THE DECK PANELS FOR THIS SEGMENT.
5. PERFORM SURVEY 1.
6. COMPLETE STAGE 2 STRESSING FOR STAY C205.
7. COMPLETE STAGE 2 STRESSING OF STAY C105.
8. PERFORM SURVEY 2.
9. COMPLETE THE STITCH POUR FOR THE FLOORBEAMS AND EDGE GIRDERS.
10. INSTALL STRANDS OF STAY C106 NORTH AND SOUTH AND COMPLETE STAGE 1 STAY CABLE STRESSING.
11. ADVANCE THE ERECTION CRANE.

CONSTRAINTS:

1. SEE ES-8 FOR CONSTRAINTS REGARDING THE BOLTING CONNECTION.
2. STEEL ERECTION SHALL BE NO MORE THAN TWO SEGMENTS AHEAD OF WIND FAIRING AND BAFFLE INSTALLATION.

NOTES:

1. MAIN SPAN EDGE GIRDERS ARE TO BE AT THE AS-FABRICATED ALIGNMENT RELATIVE TO THEIR MATING GIRDERS AND THE SPLICES ARE TO BE MADE TO THE AS-FABRICATED AND TRIAL ASSEMBLED ALIGNMENT WHEN CRANE SUPPORTED.
2. THE BACK SPAN SUPERSTRUCTURE WILL LIFT OFF THE SHORING TOWERS AND INTO THE PROFILE TABULATED IN THE ERECTION MANUAL AS THE BACK SPAN CABLES ARE STRESSED. FALSEWORK GIRDER BEARINGS SHOULD BE REMOVED AFTER THE SUPERSTRUCTURE HAS LIFTED OFF THE SHORING TOWER SUPPORT.

Sheet ---- of ----

No.	Date	Revision	Approved
4	4/12/2016	FDC401	JCC
1	11/21/2015	REV. 2	JCC
0	7/31/2015	FINAL	JCC

ENGINEERING DEPARTMENT

GOETHALS BRIDGE

STRUCTURAL

Title
GOETHALS BRIDGE
REPLACEMENT PROJECT
ERECTION SEQUENCE
EASTBOUND
MAIN BRIDGE

This drawing is subject to conditions in contract. Subject to the terms of the Project Documents, all inventions, ideas, designs and methods herein are the property of Parsons and subject to the Project Agreement and may not be used without its written consent.
All recipients of project documents, including any Contractor or Developer-Related Entity, shall make every effort to ensure the secure and appropriate disposal of the project documents to prevent further disclosure of the information contained in the documents. Disclosure can occur through improper or inadvertent disposal of the documents, or through shredding or arrangements with refuse handlers that ensure that third persons will not have access to the documents' contents either before, during, or after disposal.
Documents may also be returned for disposal purposes to the Office of the Chief Engineer of the Port Authority of NY & NJ, 225 Park Avenue South, New York, NY 10003 Attn: Contracts.
It is a violation of law for any person to alter a document in any way, unless acting under the direction of a licensed professional engineer or registered architect. If this document bearing the seal of an engineer/architect is altered, the altering engineer/architect shall affix to the document their seal and the notation "altered by" followed by their signature and the date of such alteration, and a specific description of the alteration.

R.SEKHATI	A. LIOTA	J. CLEMANCE
Designed by	Drawn by	Checked by

Date 11/17/2014

Contract Number

Drawing Number

PID# 03896002

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WBS #: 2035

NEW JERSEY- NEWYORK HARBOR - NEWARK BAY – HACKENSACK RIVER-HACKENSACK AND PASSAIC RIVER - Notice of Temporary Final Rule - The Coast Guard is temporarily modifying the operating schedule that governs the operation of the Route 1 & 9 (Lincoln Highway) Bridge across the Hackensack River, mile 2.0. New Jersey Department of Transportation, requested to temporarily restrict bridge openings during the morning and afternoon rush hour periods to alleviate traffic congestion resulting from area (Pulaski Skyway) roadway closures. Effective **March 1, 2014** through **September 30, 2017**, the draw of the Route 1 & 9 (Lincoln Highway) Bridge, mile 2.0, across the Hackensack River shall open on signal; except that, the draw need not open for the passage of vessel traffic between 6 a.m. and 10 a.m. and between 2 p.m. and 6 p.m., Monday through Friday, except holidays. Tide dependent deep draft vessels may request bridge openings between 6 a.m. and 10 a.m. and between 2 p.m. and 6 p.m. provided at least a twelve hour advance notice is given by calling 973-589-5143. It is expected that this temporary change to the regulations will provide relief to vehicular traffic while continuing to meet the reasonable needs of navigation. Mariners are advised to plan their transits accordingly.
Chart 12327 LNM 42/16 (CGD1)

NEW JERSEY – PASSAIC AND HACKENSACK RIVERS – HACKENSACK RIVER – PASSAIC RIVER - Diving Inspection & Fathometric Survey – From October 21 to **October 28, 2016** between 0800 and 1700, diving inspection and fathometric survey will be performed at the Court Street Bridge, mile 16.2 across Hackensack River and Avondale (Kingsland Ave) Bridge, mile 10.7 across Passaic River. A dive boat will be operating IVO the bridge. Mariners requiring full horizontal clearance can contact the contractor via marine radio VHF-FM Ch 13/16 or call 973-769-3480. Mariners are advised to exercise caution when transiting the area.
Charts 12337 LNM 42/16 (CGD1)

NEW JERSEY - NEW YORK HARBOR – NEWARK BAY - HACKENSACK RIVER - New Bridge Construction – Replacement of the Whitt-Penn Bridge across the Hackensack River at mile 3.1 is in progress. At this time work on the waterway has been completed, and the channel are free and clear of any obstruction. More information will be published as received. Mariners are advised to exercise extreme caution when transiting the area.
Chart 12337 LNM 42/16 (CGD1)

NEW JERSEY – NEW YORK HARBOR - NEWARK BAY – HACKENSACK AND PASSAIC RIVER - Notice of Temporary Final Rule - The Coast Guard is temporarily modifying the operating schedule that governs the operation of the Route 1 & 9 (Lincoln Highway) Bridge across the Passaic River, mile 1.9. New Jersey Department of Transportation, requested to temporarily restrict bridge openings during the morning and afternoon rush hour periods to alleviate traffic congestion resulting from area (Pulaski Skyway) roadway closures. Effective **March 1, 2014** through **September 30, 2017,** the draw of the Route 1 & 9 (Lincoln Highway) Bridge, mile 2.0, across the Hackensack River shall open on signal; except that, the draw need not open for the passage of vessel traffic between 6 a.m. and 10 a.m. and between 2 p.m. and 6 p.m., Monday through Friday, except holidays. Tide dependent deep draft vessels may request bridge openings between 6 a.m. and 10 a.m. and between 2 p.m. and 6 p.m. provided at least a twelve hour advance notice is given by calling the 973-589-5143. It is expected that this temporary change to the regulations will provide relief to vehicular traffic while continuing to meet the reasonable needs of navigation. Mariners are advised to plan their transits accordingly.
Chart 12327 LNM 42/16 (CGD1)

NEW JERSEY- RARITAN RIVER – Pier Repairs– Sub-structure rehabilitation at the NJTRO Raritan River Drawbridge across Raritan River at mile, 0.5, at Perth Amboy, New Jersey is in progress. 3 spud barges measuring 24ft X 48 ft coupled together will form a 30ft X 40ft work platform. Barges will be operating at various locations on the east side of the bridge. No work will be done on the movable span or the navigational channel. After work hours work platform will be moored in place outside the navigable channel. This project is expected to be completed by **21 October 2016**.
Mariners are advised to reduce wake and exercise caution when transiting the area.
Chart 12332 LNM 42/16(CGD1)

NEW JERSEY- SANDY HOOK TO LITTLE EGG HARBOR– NAVESINK RIVER – Sub-Structure Rehabilitation – Sub-structure rehabilitation at the Oceanic Drawbridge across Navesink River at mile, 4.5, at Monmouth County, New Jersey is in progress. A 24ft X 40 hydraulic spud barge and 24ft buddy boat and14ft rescue boat will be operating at the various piers and will not obstruct the navigable channel during daylight hours, Mondays through Fridays. After work hours work float will be move out of the waterway. This project is expected to be completed **by 31 October2016**.
Mariners are advised to reduce wake and exercise caution when transiting the area.
Chart 12324 LNM 42/16(CGD1)

NEW YORK AND NEW JERSEY- RARITAN BAY – KEYPORT HARBOR – MATAWAN CREEK – Bridge Replacement – Replacement of the Amboy Avenue/W Front Street Bridge across Matawan Creek, mile 0.6 is in progress. All work equipment will

be in operation on the land side and will not impact marine traffic, except during demolition of the old and installation of the new span over the waterway. This project is expected to be completed by **spring of 2018**. Mariners are advised to reduce wake and exercise caution when transiting the area.
Chart 12327 LNM 42/16(CGD1)

Coast Guard Sector New York

Marine Safety Information Bulletin – 01-14

Vessel Air Drafts and Bayonne Bridge Allisions

April 18, 2014

The Bayonne Bridge is undergoing a two-year construction project to raise the roadway an average of 65 feet. The associated demolition activities and work platforms outside of the navigable channel present serious safety considerations for mariners. Despite previous Coast Guard advisories, the Bayonne Bridge has been struck twice within the past four months. The most recent allision demasted a ship's INMARSAT C and Ship Safety Alert System antennas. In this case, the Coast Guard is pursuing a civil penalty against the ship's owner.

To ensure the safety of the bridge work crews, as well as ships navigating in the vicinity of the construction project, each vessel owner, master, or person in charge is reminded to review and update as necessary their ship's particulars. In accordance with Title 33 Code of Federal Regulations Section 164.11(k), this includes knowing the distance from their ship's keel to its highest point, providing accurate information to the Pilot and the ship's agent for safe navigation, and clearly indicating whether vessel modification data or any adjustable or whip antennas are included.

Bridge allisions, including ship antenna and mast strikes, may cause severe property damage or even loss of life. Vessels must take proactive measures to ensure they can safely navigate under bridges and other overhead obstructions before attempting such transits. Depending on the facts of future incidents, the Coast Guard will likely pursue civil penalties against any vessel owner, master, or person in charge that provides inaccurate vessel information that contributes to a bridge allision within the New York-New Jersey Captain of the Port Zone. The maximum penalty authorized by the Ports and Waterway Safety Act is $40,000 per incident.

For current vertical and horizontal clearance information and construction status at the Bayonne Bridge, refer to NOAA Chart 12333, the First Coast Guard District Local Notice to Mariners (LNM) at http://www.navcen.uscg.gov, and http://www.nws.noaa.gov/om/marine/ports.htm.

GORDON LOEBL
Captain, U.S. Coast Guard
Captain of the Port, New York-New Jersey
Sector New York, 212 Coast Guard Drive, Staten Island, NY 10305
http://homeport.uscg.mil/newyork

Bay State Wind

NOTICE TO FISHERMEN

Geotechnical survey to start approximately on October 7, 2016
Estimated duration 15 days (weather permitting)

Survey Vessel Details:

RV Fugro Synergy
LOA 340 ft. Flag: Bahamas

Bridge VSAT phone: 011 31 107 130 581
Satellite phone: 1 713 714 5894
Standing by on VHF Channel 16

When the survey is taking place

RV Fugro Synergy will be conducting a geotechnical survey in an area south of Martha's Vineyard for 15 days (weather permitting) starting about October 7, 2016.

Why the survey is taking place

In August and September an exploratory geophysical survey mapped sea bed conditions within the BOEM Massachusetts Wind Energy Area (WEA), lease area OCS-A 0500. Following up, in October a geotechnical survey will test bottom conditions in 18 specific locations identified in the previous survey. This information will assist engineering of future wind turbines.

Survey vessel transits

The survey is not expected to interfere with near-by fishing activities. Fishermen are encouraged to contact RV Fugro Synergy Bridge to coordinate with the on board FIR.

Survey design and equipment to be used

The survey vessel will use dynamic positioning systems to maintain station precisely while testing is taking place. Each testing station may require the vessel to maintain position for 2 to 24 hours depending on conditions and testing activity. Operations will proceed 24 hours a day.

This Ground Investigation will consist of a series of shallow Vibrocore Holes, Cone Penetration Tests (CPTs) and core samples.

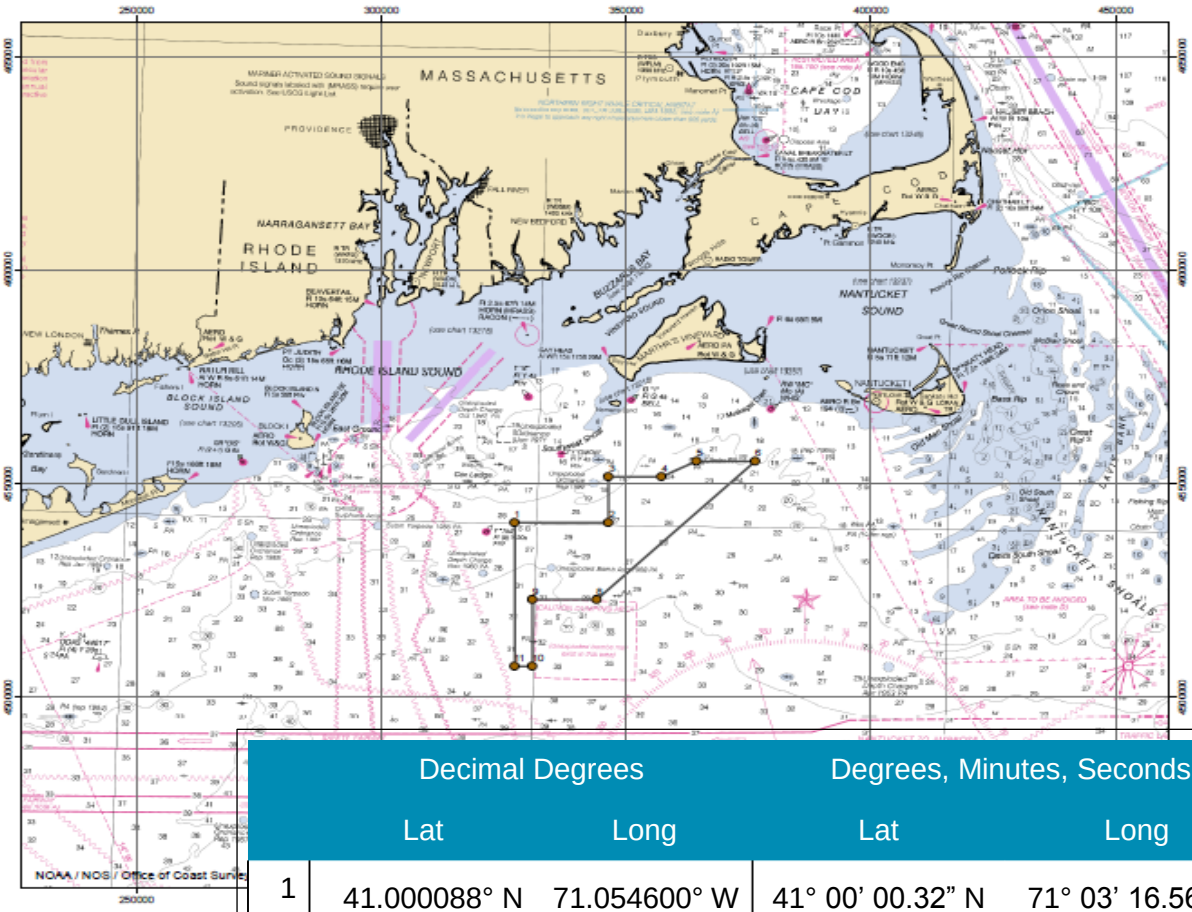
Voluntary half-mile buffer

Mariners are requested to provide RV Fugro Synergy a wide berth of **one half mile** at all times while on site. Passing vessels are requested to reduce speed if possible. When operating in the vicinity of RV Fugro Synergy please be aware that the vessel may move to a new position within the site without prior notification.

DONG energy

BAY STATE WIND
A DONG Energy Initiative

Survey Area co-ordinates



	Decimal Degrees		Degrees, Minutes, Seconds	
	Lat	Long	Lat	Long
1	41.000088° N	71.054600° W	41° 00’ 00.32” N	71° 03’ 16.56” W
2	41.003931° N	70.826429° W	41° 00’ 14.15” N	70° 49’ 35.14” W
3	41.101169° N	70.829121° W	41° 06’ 04.21” N	70° 49’ 44.84” W
4	41.103139° N	70.700567° W	41° 06’ 11.30” N	70° 42’ 02.04” W
5	41.136789° N	70.615653° W	41° 08’ 12.44” N	70° 36’ 56.35” W
6	41.138705° N	70.472722° W	41° 08’ 19.34” N	70° 28’ 21.80” W
7	No point	No point	No point	No point
8	40.841410° N	70.850425° W	40° 50’ 29.08” N	70° 51’ 01.53” W
9	40.838793° N	71.006912° W	40° 50’ 19.65” N	71° 00’ 24.88” W
10	40.698345° N	71.002689° W	40° 41’ 54.04” N	71° 00’ 09.68” W
11	40.697598° N	71.045274° W	40° 41’ 51.35” N	71° 02’ 42.99” W

RV Fugro Synergy

Contact the Onboard Fishing Industry Representative

Fishermen are requested to remain aware of these survey operations and to maintain a prudent distance (**half-mile minimum**) from the RV Fugro Synergy while the vessel is on station with dynamic positioning systems. A local Fishing Industry Representative (FIR), Steve Welch, will act as the onboard fisheries point of contact, advising the vessel master on local fishing activities.

Fishermen working in the Survey Area are advised to contact **FIR Steve Welch** through the RV Fugro Synergy Bridge to coordinate activities:

RV Fugro Synergy VSAT phone 011 31 107 130 581
Standing by on VHF channel 16

In advance of survey operations local fishermen with questions may also contact:

John Williamson, DONG Energy Fishery Liaison
1 207 939-7055 john@seakeeper.net

Please add your contact information to our file of fishermen in the lease area. Fishermen's information is respected as confidential.

DONG energy

BAY STATE WIND
A DONG Energy Initiative

DONG Energy is lessee to develop an offshore wind farm in federal waters

In April 2015, the Bureau of Ocean Energy Management awarded a lease for area OCS-A 0500, in the Massachusetts Wind Energy Area (WEA), to RES American Developments. In May 2015, BOEM announced the transfer of assignment of that lease to DONG Energy. Comprising 187,523 acres (222 sq nm), the lease area is the western-most portion of the Massachusetts WEA, beginning approximately 12 miles due south of Martha's Vineyard. The project name is Bay State Wind.

A description of the BOEM lease process, lease areas and maps can be found at the BOEM website: http://www.boem.gov/Atlantic-Fishing-Industry-Communication-and-Engagement

Site Assessment and geophysical survey of the Bay State Wind area

For the next three years DONG Energy will collect data and perform detailed assessments of the physical, biological and economic characteristics of the lease area. The first step of data collection was a geophysical survey in August and September 2016. A geotechnical survey in October 2016 will further refine the area mapping.

Wind farm would be smaller than Survey Area

A future wind farm will be smaller than the Survey Area, but sited somewhere within its boundaries. The ideal location has yet to be identified.

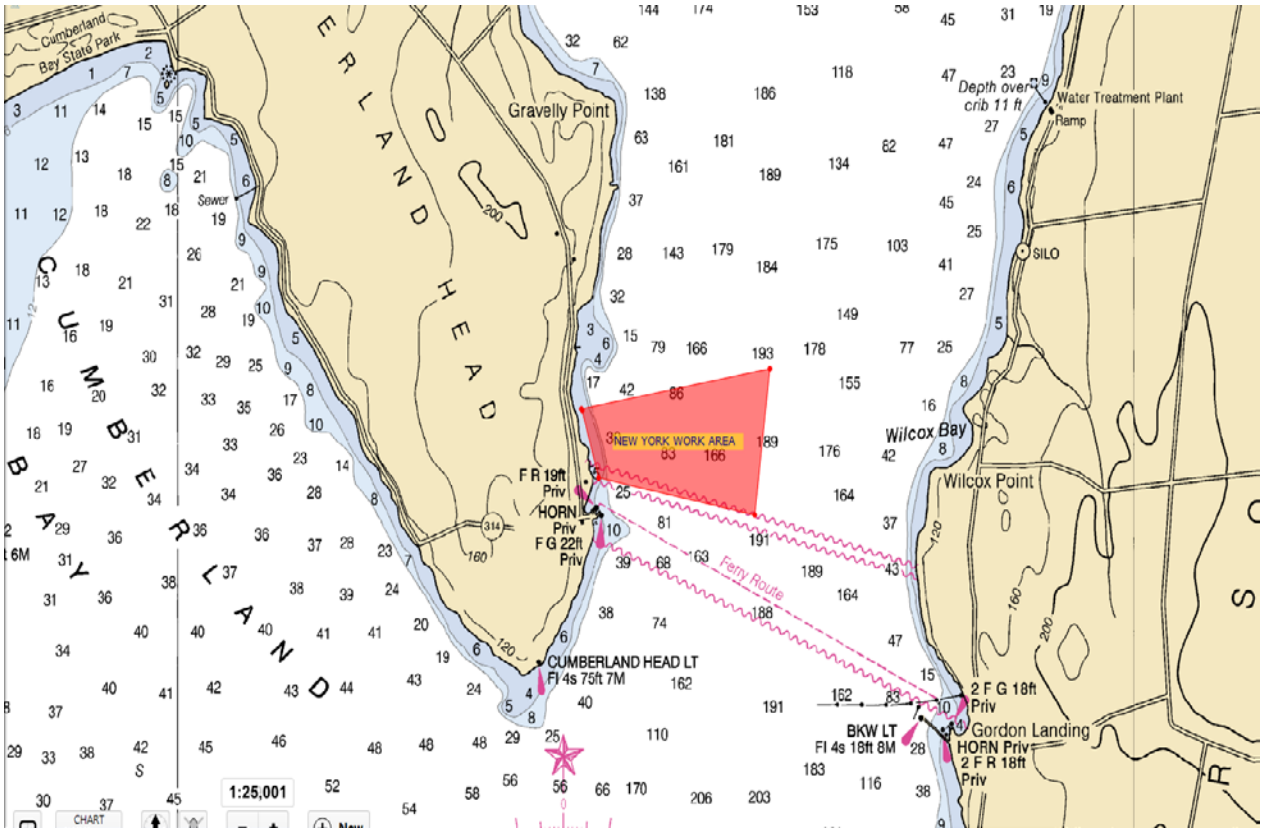
Fishermen's knowledge, Fishery Liaison and Fishing Industry Representative

Fishermen in the region will be consulted at several stages of the data collection process. To this end DONG Energy has engaged a Fishery Liaison Officer to work with fishing community leaders. Additionally, an experienced local fisherman will be on the survey vessel for the duration of the survey to ensure daily contact with vessels fishing in the area and to advise the survey captain to avoid gear conflicts. Fishermen will be requested to give wide berth to the survey vessel, but should not otherwise be inconvenienced.

The importance of fishing

DONG Energy recognizes the importance of this lease area to fishing communities of southern New England and the Mid-Atlantic Bight. To that end, DONG Energy intends to fully consult with fishermen from all associated fishery sectors at every stage of development of the Bay State wind farm.

DONG Energy Contacts	Company	Role	Telephone Email	Email
John Williamson	FV Sea Keeper	Fisheries Liaison for Bay State Wind	1 (207) 939-7055	john@seakeeper.net
Stephen Welch	FV Mystic	Fishing Industry Representative	1 (781) 422-1084	welchstephen@comcast.net
Jim Neveu	DONG Energy (US)	Environmental Manager	1 (617) 535-7646	janev@dongenergy.com
Gunnar Krusborg	DONG Energy (Denmark)	Site Investigation Project Manager	011 45 99 51 62 95	GUNKR@dongenergy.dk
Malgorzata Zorawinska	DONG Energy (Denmark)	Site Investigation Project Manager	011 45 99 55 94 33	malzo@dongenergy.dk

<u>NEW YORK -VERMONT– LAKE CHAMPLAIN – CUMBERLAND HEAD TO FOUR BROTHERS ISLAND</u> – <u>Submarine Cable Installation-</u> Starting **August 20, 2016** through **December 15, 2016** the waters between Cumberland Head Point, NY and South Hero, VT will have construction crews working on deck barges conducting Horizontal Directional Drilling operations for a future submarine power cable installation project. The navigational channel **will remain open** and all vessel traffic will be allowed to transit. Mariners are requested to maintain a separation of 600 yards from the working vessels and should exercise caution while transiting the area. Contact Paul Larrabee of Cadwell Marine International at (732) 620-3938 with any questions or concerns. This work zone will be lighted and manned 24 hours a day with appropriate signage posted throughout the period of construction.

<u>Submarine Power Transmission Cable Infrastructure Installation</u>