U.S. Department
of Homeland Security

United States
Coast Guard

LOCAL NOTICE TO MARINERS

District: 7 Week: 21/20

LITTLE RIVER, SOUTH CAROLINA TO ECONFINA RIVER, FLORIDA (INCLUDES PUERTO RICO AND THE U.S. VIRGIN ISLANDS)

Commander, Seventh Coast Guard District (dpw)
Brickell Plaza Federal Building
909 SE 1st Avenue, Room 406
Miami, Florida 33131-3028
Telephone: (305) 415-6750 or Fax: (305) 415-6757

LNM Article Entries and Updates: D07-SMB-D7-LNM@uscg.mil
Proposed Changes Comments: D07-SMB-DPWPublicComments@uscg.mil

Aids to Navigation discrepancies (missing, damaged, extinguished or off-station), shoaling or hazard to navigation and Bridge discrepancies (including lighting) report to the nearest Coast Guard unit.

-DISTRICT 7 (305) 415-6800
-SECTOR CHARLESTON (843) 740-7050
-SECTOR JACKSONVILLE (904) 714-7557
-SECTOR MIAMI (305) 535-4472
-SECTOR KEY WEST (305) 292-8727
-SECTOR ST PETERSBURG (727) 824-7506
-SECTOR SAN JUAN (787) 729-2041

BROADCAST NOTICE TO MARINERS
Navigation information of immediate concern to the Mariner, and promulgated by the following broadcasts:

- CCGD7 (D7) BNM 180-20 to 182-20
- SECTOR CHARLESTON (CHA) BNM 117-20 to 121-20
- SECTOR JACKSONVILLE (JAX) BNM 094-20 to 099-20
- SECTOR MIAMI (MIA) BNM 064-20 to 066-20
- SECTOR KEY WEST (KWT) BNM 025-20 to 027-20
- SECTOR ST PETERSBURG (STP) BNM 380-20 to 389-20
- SECTOR SAN JUAN (SJN) BNM 016-20 to 016-20

Navigation Internet Sites:
Local Notice to Mariners (LNM) published weekly on the USCG Navigation Center website:
https://www.navcen.uscg.gov/?pageName=lnmDistrict&region=7

Public Notices for Bridges https://www.navcen.uscg.gov/?pageName=pnBridges

Online 2020 Light List https://www.navcen.uscg.gov/index.php?pageName=lightLists
Full updates to electronic editions of these volumes https://www.navcen.uscg.gov/

USCG Auxiliary Public Education Classes https://www.cgaux.org/boatinged/class_finder/index.php

USCG Navigation Information Service (NIS) https://www.navcen.uscg.gov

U.S. Coast Pilot https://nauticalcharts.noaa.gov/publications/coast-pilot/index.html

NOAA Chart Corrections and Chart Viewer https://www.nauticalcharts.noaa.gov

NTM Special Notice Section https://msi.nga.mil/NTM

ABBREVIATIONS

A through H

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

I through O

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

P through Z

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

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

HURRICANE INFORMATION:

The hurricane season extends from June 1st through November 30th. Hurricanes can cause excessive damage to vessels and loss of life. To minimize these dangers, the following precautions should be taken by all mariners before getting underway during the hurricane season:

(a) Instruction of crew and passengers in location of emergency equipment and emergency procedures;
(b) Pre-sailing check of vessel, machinery, and equipment for seaworthiness;
(c) Installation of strong ground tackle;
(d) Review of storm center evasion procedures;
(e) Knowledge of nearest hurricane shelter or port; and
(f) Constant radio watches on channel 16 VHF-FM and frequent monitoring of weather broadcasts.

The civilian hurricane warning service for the North Atlantic is provided by the National Hurricane Center, Miami, Florida. The center collates ship, aircraft, radar, and satellite data to produce and issue tropical cyclone warnings and forecasts for the North Atlantic Ocean, including the Caribbean Sea and the Gulf of Mexico. A Tropical Cyclone Public Advisory (TCP) is issued every six hours, with intermediate bulletins provided as needed. For tropical storms and hurricanes threatening to cross the coast of the U.S., coastal warnings are issued to the public so that precautionary actions, including evacuation, can be initiated to minimize damage and loss of life.

Four alerts are issued:
(a) TROPICAL STORM WATCH – An announcement that sustained winds of 34 to 63 knots (39 to 73 mph or 63 to 118 km/hr) are possible within the specified area within 48 hours in association with a tropical, subtropical, or post-tropical cyclone.

b) TROPICAL STORM WARNING – An announcement that sustained winds of 34 to 63 knots (39 to 73 mph or 63 to 118 km/hr) are expected somewhere within the specified area within 36 hours in association with a tropical, subtropical, or post-tropical cyclone.

(c) HURRICANE WATCH – An announcement that sustained winds of 64 knots (74 mph or 119 km/hr) or higher are possible within the specified area in association with a tropical, subtropical, or post-tropical cyclone. Because hurricane preparedness activities become difficult once winds reach tropical storm force, the hurricane watch is issued 48 hours in advance of the anticipated onset of tropical storm force winds.

d) HURRICANE WARNING – An announcement that sustained winds of 64 knots (74 mph or 119 km/hr) or higher are expected somewhere within the specified area in association with a tropical, subtropical, or post-tropical cyclone. Because hurricane preparedness activities become difficult once winds reach tropical storm force, the warning is issued 36 hours in advance of the anticipated onset of tropical-storm-force winds. The warning can remain in effect when dangerously high water or a combination of dangerously high water and waves continue, even though winds may be less than hurricane force.

Additional information of interest to mariners is included in the Tropical Cyclone Forecast/Advisory (TCM) and the Tropical Cyclone Surface Wind Speed Probabilities (PWS) products. The TCM provides current and forecast storm positions, intensities, and wind fields out to 120 hours. The PWS provides probabilities of sustained wind speeds equal to or exceeding 34-, 50-, and 64-kt wind speed thresholds for select coastal and offshore locations.

LNM: 20/20

HURRICANE INFORMATION CONTINUED:

Mariners are reminded that aids to navigation, particularly lighted and unlighted buoys, may be moved from charted position, damaged, destroyed, extinguished, or otherwise deemed discrepant as a result of hurricanes and storms. Mariners should not rely solely upon the position or operation of an aid to navigation, but also employ such other methods of determining position as may be available. Port Hurricane Conditions are set up by the COTP and will change as the threat of severe weather increases, or as a storm approaches a specific COTP Area of Responsibility. For COTP-specific Port Hurricane Conditions, you should review information provided under the Port Directory tab of http://homeport.uscg.mil Condition 4 – Hurricane Seasonal Alert. 01 June–30 November; port status: open.

Condition Whiskey – Sustained Gale Force winds associated with Tropical Cyclone activity are predicted within 72 hours; port status: open.
Condition X-Ray – Sustained Gale Force winds associated with Tropical Cyclone activity are predicted within 48 hours; port status: open.
Condition Yankee – Sustained Gale Force winds associated with Tropical Cyclone activity are predicted within 24 hours; port status: restricted; vessel/facility control measures in effect.
Condition Zulu – Sustained Gale Force winds associated with Tropical Cyclone activity are predicted within 12 hours; port status: closed to all vessel traffic and waterside activities except for activities approved by the COTP.

Drawbridges along the coast may deviate from normal operating procedures. Drawbridges are authorized to remain closed upon approach of Gale Force winds of 34 knots or greater. Extended closure periods may be authorized up to 8 hours prior to arrival of Gale Force winds to facilitate evacuation of land traffic. Due to the uncertainty of hurricane movements and bridge closures, mariners are urged to seek passage through drawbridges well in advance of the arrival of Gale Force winds.

LNM: 20/20

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

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

LNM: 01/20

INTERFERENCE WITH AIDS TO NAVIGATION

U. S. Code, Title 14, Part I, Chapter 5, § 84. It shall be unlawful for any person, or public body, or instrumentality, excluding the armed forces, to remove, change the location of, obstruct, willfully damage, make fast to, or interfere with any aid to navigation established, installed, operated, or maintained by the Coast Guard pursuant to section 81 of this title, or with any aid to navigation lawfully maintained under authority granted by the Coast Guard pursuant to section 83 of this title, or to anchor any vessel in any of the navigable waters of the United States so as to obstruct or interfere with range lights maintained therein. Whoever violates the provisions of this section shall be guilty of a misdemeanor and shall be fined not more than $1,500 for each offense. Each day during which such violation shall continue shall be considered as a new offense. U. S. Code, Title 14, Part I, Chapter 5, § 84.

LNM: 01/20

USCG NAVIGATIONAL INFORMATION SERVICE (NIS)/USCG NAVIGATION CENTER

The United States Coast Guard Navigational Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days

a week. The NIS provides information on the current operational status, effective policies, and general information on GPS and DGPS. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar (NANU). These notices can also be obtained via-e-mail subscription through the USCG Navigation Center website (https://www.navcen.uscg.gov/gps/status/default.htm). In addition, the NIS investigates all reports of degradation or loss of GPS and DGPS service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following Phone:(703) 313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at https://www.navcen.uscg.gov.

LNM: 01/20

U.S. ARMY CORPS OF ENGINEERS DISTRICT SITES, CHARLESTON AND JACKSONVILLE

The U.S. Coast Guard strongly recommend that mariners regularly check for any updates and notices on the U.S. Army Corps of Engineers District Sites "Charleston and Jacksonville" specifically regarding Notices to Navigation, Channel Condition Reports/Hydrographic Maps and Lock Hours/Notices.

U.S. Army Corps of Engineers Charleston District –
https://www.sac.usace.army.mil/Missions/Navigation/Channel-Conditions/
https://www.sac.usace.army.mil/Missions/Navigation/Hydrographic-Maps/
https://www.iwr.usace.army.mil/About/Technical-Centers/NDC-Navigation-and-Civil-Works-Decision-Support/

U.S. Army Corps of Engineers Jacksonville District –
https://www.saj.usace.army.mil/Missions/Civil-Works/Navigation/Notices-to-Navigation/
https://www.saj.usace.army.mil/Missions/Civil-Works/Navigation/Hydro-Surveys/

LNM: 06/19

NATIONAL GEOSPATIAL- INTELLIGENCE AGENCY POSTS USCG LIGHT LISTS TO NGA MARINE SAFETY INFORMATION WEBSITE

Effective immediately with NGA NtM 16/2020 (18 APR 2020), NGA will now be posting fully corrected versions of the USCG Light List (LL) to their Maritime Safety Information (MSI) webpage and will suspend issuing corrections to the USCG LL within the NGA NtM. The USCG NAVCEN provides PDF and XML versions of their weekly corrected Light List publications available at https://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates. USCG NVIC 01-16 allows for publications to be kept in electronic format as long as the publication updates are reasonably available. To align with the NVIC, NGA will match the USCG format and will start posting the fully corrected USCG Light List PDFs on their website at https://msi.nga.mil/Publications/USCGLL. This will allow the mariner to download a corrected version of the USCG Light List instead of applying notice corrections to the baseline PDFs. Effective immediately, NGA will stop incorporating individual USCG Light List corrections in their weekly Notice to Mariners. Additionally, the "SEARCH ONLINE DATABASE" query function on NGA's MSI webpage will no longer be maintained. Until it can be removed from the MSI webpage, mariners are directed to only use the updated USCG LL PDFs for all light information. The specific USCG Light List corrections can continue to be viewed in each USCG Local Notice to Mariner by District at: https://www.navcen.uscg.gov/?pageName=lnmMain. Please contact the Maritime Safety Office or the Maritime Light Team at Maritime_Lights@nga.mil with any questions.

LNM: 15/20

ATLANTIC OCEAN –EAST COAST - OFFSHORE: SURFACE WAVE GLIDER DATA COLLECTION

ThayerMahan, Inc. will be transecting one autonomous, unmanned maritime vehicle (Wave Glider-WG) from approximately 100NM east of Port Canaveral, FL to about 100NM east of Cape May, NJ. The transit will commence on or about May 27, 2020 and is expected to terminate on or about August 27, 2020. Operations will run 24/7 and consist of scientific ocean data collection. The Wave Glider carries no fuel, lubricants or hydrocarbons. It is wave powered and remotely attended from the ThayerMahan Operations Center, moving at speeds of about 1kt, and is designed to automatically give way if encountered by a vessel transmitting AIS. It is approximately 6.5′ x 2′ (surfboard size), copper in color, with a contact plaque and mast extending 3′ above the water surface. Mariners are advised to requested to transit the area with caution and to remain a safe distance from the wave glider. Further information contact the ThayerMahan Operations center at (860) 969-3171.

LNM: 20/20

ATLANTIC OCEAN - GEORGIA - FLORIDA - JACKSONVILLE: U.S. NAVY EXERCISES HAZARDOUS TO SURFACE VESSEL

The following areas will contain exercises hazardous to surface vessels in the Jax/Chasnoa during May 25-31, 2020. Mariners are advised to avoid these areas:

Date: 25-31 MAY 0000-2359 (LCL)
30-45N2 80-56W9 GUNEX AREA
30-45N2 80-30W1 W-137L
30-34N0 80-30W1
30-34N0 80-57W0
30-36N2 80-57W0

Date: 25 - 31 MAY 0000-2359 (LCL)
30-45N2 80-30W0 W-138L
30-45N2 79-38W7
30-34N0 79-41W1

30-34N0 80-30W1

Date: 25 - 31 MAY 0000-2359 (LCL)
29-20N3 79-50W1 31J
29-20N3 79-40W0
29-10N2 79-40W0
29-10N2 79-50W1

Date: 25 - 31 MAY 0000-2359 (LCL)
30-00N3 81-00W9 27C
30-00N3 80-50W3
29-50N6 80-50W3
29-50N6 81-00W9

Date: 25 - 31 MAY 0000-2359 (LCL)
30-28N3 80-22W2 JSWTR
30-28N3 80-00W8
30-03N6 80-06W4
30-03N6 80-29W9

Date: 27 MAY 1115-1715 (LCL)
31-24N0 80-30W1 GUNX
31-24N0 79-30W9 W-138C
30-45N2 79-38W7
30-45N2 80-30W1

Date: 28 MAY 1115-1715 (LCL)
31-24N0 80-30W1 GUNX
31-24N0 79-30W9 W-138C
30-45N2 79-38W7
30-45N2 80-30W1

LNM: 21/20

ATLANTIC OCEAN – FLORIDA – CAPE CANAVERAL: SPACE LAUNCH ZONES (VIRTUAL- AIS PRIVATE AID TO NAVIGATION)

The U.S. Coast Guard has approved the use of a Virtual Automatic Identification System Private Aid to Navigation (V-AIS PATON) to mark a restricted navigation area during a space launch. The Coast Guard authorized the Space Exploration Technologies Corporation, better known as SpaceX, to use Virtual-AIS PATONs to inform mariners of non-charted restricted zones around launch areas. While the Coast Guard does not approve Virtual-AIS PATON for all restricted areas, particularly charted ones, the space launch zones are non-charted, dynamic and temporary. Safety zones designed to keep vessels from entering the launch area while an active rocket launch is taking place.

The Captain of the Port Jacksonville, FL will activate Safety Zone "B" located near Cape Canaveral, as described in 33 CFR 165.775(a)(2), 45 minutes prior to the opening of the scheduled launch window. At that time, SpaceX will transmit Virtual AIS aids marking the corners of the active safety zone. The virtual-AIS aids will remain transmitting until the Captain of the Port Jacksonville has deactivated the safety zone. The Virtual-AIS aids will be labeled:

N 28° 48.8′ W 80° 28.9′ (28.813333 -80.481667) N1*X*33CFR165.775 (A) (2), MMSI# 993663027
N 28° 29.7′ W 80° 18.9′ (28.495000 -80.315000) E2*X*33CFR165.775 (A) (2), MMSI# 993663028
N 28° 29.7′ W 80° 31.6′ (28.495000 -80.526667) S3*X*33CFR165.775 (A) (2), MMSI# 993663029
N 28° 40.1′ W 80° 38.4′ (28.668333 -80.640000) W4*X*33CFR165.775 (A) (2), MMSI# 993663030

If a vessel equipped with AIS is determined to be entering the launch hazard area, an addressed safety message 14 with the text "REGULATED AREA 33 CFR 165.775 ACTIVE STAY CLEAR" will be transmitted to the vessel. All provisions of the safety zone remain in effect; no person or vessel may enter, pass through or remain within the safety zone unless authorized by the Captain of the Port. Mariners are required to contact the Coast Guard via VHF FM channel 16 to arrange for this authorization.

LNM: 17/20

ATLANTIC OCEAN - FLORIDA - CAPE CANAVERAL: EASTERN RANGE HAZARDOUS OPERATION OP# X0053 FALCON 9 CREW DEMO-2

Hazardous operation within the following coordinates;

28° 38' 0.62" N 80° 36' 58.76" W
28° 39' 0.00" N 80° 35' 0.00" W
28° 38' 0.00" N 80° 33' 0.00" W
28° 37' 0.00" N 80° 33' 0.00" W
28° 36' 0.00" N 80° 35' 0.00" W

28° 36' 0.00" N 80° 35' 11.05" W

Date/Time/Duration of test: 27 May 20 / 1940Z - 2130Z

LNM: 20/20

ATLANTIC OCEAN - FLORIDA - CAPE CANAVERAL: EASTERN RANGE OP# X0053 FALCON 9 CREW DEMO-2

Eastern range will be conducting hazardous operations surface to unlimited within portions of Warning Areas W497A, W497B, W137F/G, W138E, W139E/F, W140, W141, W122 and the following Hazard Areas. **THIS IS A MANNED SPACE LAUNCH**

A: From 2838 25.89N 8037 17.06W
TO 2839N 8037W
TO 2901N 8014W
TO 2858N 8011W
TO 2834N 8029W
TO 2833 32.69N 8034 1.72W to beginning

B: From 3122N 7744W
TO 3201N 7716W
TO 3218N 7641W
TO 3212N 7634W
TO 3142N 7652W
TO 3117N 7740W to beginning

Hazard periods for primary launch day and backup launch days;
Primary launch day: 27 / 2022Z thru 27 / 2107Z May 20. Preferred T-0 is 2032Z.
Backup launch day (1): 30 / 1911Z thru 30 / 1956Z May 20. Preferred T-0 is 1921Z.
Backup launch day (2): 31 / 1849Z thru 31 / 1934Z May 20. Preferred T-0 is 1859Z.

LNM: 20/20

ATLANTIC OCEAN - FLORIDA - CAPE CANAVERAL: HAZARDOUS OPERATION OP# X0053 FALCON 9 CREW DEMO-2

Hazardous operation within the following coordinates;

28° 38' 0.62" N 80° 36' 58.76" W
28° 39' 0.00" N 80° 35' 0.00" W
28° 38' 0.00" N 80° 33' 0.00" W
28° 37' 0.00" N 80° 33' 0.00" W
28° 36' 0.00" N 80° 35' 0.00" W
28° 36' 0.00" N 80° 35' 11.05" W

Date/Time/Duration of test: 27 May 20 / 1940Z - 2130Z

LNM: 21/20

ATLANTIC OCEAN - FLORIDA - CAPE CANAVERAL: EASTERN RANGE OP# X0056 FALCON 9

Eastern range will be conducting hazardous operations surface to unlimited within portions of Warning Areas W497A, W497B, W137F/G, W138E, W139E/F, W140E, W122 and the following Hazard Areas.

A: From 2836 55.22N 8036 0.35W
TO 2848N 8024W
TO 2854N 8017W
TO 2917N 7949W
TO 2915N 7946W
TO 2841N 8017W
TO 2834N 8025W
TO 2831N 8031W
TO 2830 25.65N 8033 0.42W to beginning

B: From 3158N 7658W
TO 3309N 7558W
TO 3323N 7536W
TO 3323N 7456W
TO 3315N 7437W
TO 3248N 7435W
TO 3229N 7459W

TO 3140N 7642W to beginning

Hazard periods for primary launch day and backup launch days;
Primary launch day: 02 / 0133Z thru 02 / 0331Z Jun 20. Preferred T-0 is 0138Z.
Backup launch day: 03 / 0112Z thru 03 / 0310Z Jun 20. Preferred T-0 is 0117Z.

LNM: 21/20

ATLANTIC OCEAN - FLORIDA - OFFSHORE FORT LAUDERDALE: USN OPERATIONS ERMA-DERMA

The United States Navy, South Florida Ocean Measurement Facility (SFOMF) will be conducting operations in the water immediately south and east of Port Everglades inlet. The operations are scheduled within a period beginning on 0500R May 28, 2020 to 2000R June 2, 2020. A naval vessel will be conducting maneuvers between ¾ NM to 4 NM off shore, and from ½ NM south of the Port Everglades inlet to 2.5 NM south of the Dania Beach Pier. The vessel will be restricted in maneuverability and these operations are considered a hazard to navigation. All traffic must remain clear of the area bounded by the coordinates below for the duration of the operations. Local law enforcement and Tow Boat US small craft will provide range security and range clearance for the naval vessel during these operations. Ships entering Port Everglades are requested to enter from the northeast thereby avoiding the waters south of the channel. To allow for the safe operation of the naval vessel, all maritime traffic transiting the area is requested to stay 5 NM east of PEV or inshore of the Barracuda Reef mooring buoys. Any concerned vessels may contact U.S. Navy Fort Lauderdale on VHF Channel 16.

SFOMF OPAREA
NW Corner: 26-05-03.000N/080-05-42.000W
NE Corner: 26-05-03.000N/080-02-04.200W
SE Corner: 26-00-57.000N/080-02-25.200W
SW Corner: 26-00-57.000N/080-06-03.600W

LNM: 19/20

WEST INDIES - PUERTO RICO – CEIBA – ISLA PIÑEROS: (UXO)

The U.S. NAVY is advising all mariners to refrain from entering the following area in Ceiba, Puerto Rico: the waters surrounding Isla Piñeros. Mariners are advised to stay away from this danger zone until further notice, as it contains (UXO) Unexploded Ordnance. The U.S. Coast Guard may be contacted via VHF-FM channel 16 or via landline at (787) 289-2041. For more information, contact Mrs. Maria Danois at (787) 232-3801 or email: maria.danois@navy.mil

Chart 25666 LNM: 10/20

WEST INDIES - PUERTO RICO - (ISLA DE VIEQUES): NORTHEAST FROM PLAYA ICACOS TO PUNTA ESTE, AND ON THE SOUTHEAST ON BAHIA SALINAS DEL SUR: (UXO)

The U.S. NAVY is advising all mariners to refrain from entering the following areas in Vieques, Puerto Rico: Northeast from Playa Icacos to Punta Este and on the Southeast on Bahia Salinas Del Sur. Mariners are advised to stay away from this danger zone until further notice, as it contains (UXO) Unexploded Ordnance. The U.S. Coast Guard may be contacted via VHF-FM channel 16 or via landline at (787) 289-2041. For more information, contact Mrs. Maria Danois at: (787) 232-3801 or email: maria.danois@navy.mil (Ref: LNM 44/19)

LNM: 13/16

WEST INDIES – PUERTO RICO - (ISLA DE VIEQUES) IVO BAHIA SALINA DEL SUR & BAHIA ICACOS: NAVY OPERATIONS

The U.S. Navy will be conducting underwater operations in vicinity of Bahía Salinas del Sur, Bahía Icacos, and the surrounding areas in Vieques, PR. Operations will occur from March 2, 2020 through May 29, 2020 from 7:00 a.m. through 4:00 p.m. daily. Mariners are advised to remain at least 3,074 feet from coordinate boundaries. The Navy Dive Ops Safety Officer can be reached via VHF channel 16 or the Navy Site Manager, Ms. Maria Danois at (787) 232-3801.

Encompassed by a line connecting the following points beginning: 18°08′56.48″N, 065°20′10.69″W, thence to 18°09′10.72″N, 065°20′04.11″W, thence to 18°08′50.19″N, 065°17′05.78″W, thence to 18°08′05.79″N, 065°16′16.71″W, thence to 18°07′38.60″N, 065°17′45.95″W, thence to 18°07′38.60″N, 065°17′45.94″W, thence to 18°07′23.72″N, 065°17′58.33″W, thence to 18°07′18.76″N, 065°18′29.64″W, thence to 18°07′34.47″N, 065°18′31.81″W back to the beginning point.

LNM: 09/20

WEST INDIES - EAST COAST PUERTO RICO - CULEBRA ISLAND: (UXO)

An Exclusion Zone of 377 feet is established along the length of Tamarindo Grande Beach in Culebra Island from 18-19.23N / 065-19.47W to 18-19.26N / 065-19.38W due to (UXO) Unexploded Ordnance Operations being conducted. This will remain in effect from 0700- 1600 Monday through Friday until further notice. This exclusion zone is for intrusive UXO Operations only. The U.S. Coast Guard may be contacted on VHF-FM Channel 16 or 787-289-2041.

Chart 25653 LNM: 52/16

FLORIDA - AICW - PALM SHORES TO WEST PALM BEACH - LAKE WORTH NORTH: USN OPERATIONS.

US Navy will conduct testing from April 27 – July 31, 2020 with a manned submersible vehicle piloted by two personnel. Testing may occur 24 hour daily, weekdays only. The vehicle will transit on the surface escorted by 2 RHIBs with flashing amber lights from intracoastal in vicinity of Riviera Beach west of Peanut Island, north on the intracoastal waterway, transiting under Blue Heron Bridge to approximately 0.5 miles north of the bridge. Operations will take place west of the ICW and may include scuba diving operations. The RHIBs will display diver down flags when divers

are in the water. RHIBs will be monitoring VHF CH16. Mariners are advised to give wide berth and minimum wake while submersible is transiting on the ICW.

Operational area:
N26 47.902 W80 02.618
N26 47.267 W80 02.601
N26 47.266 W80 02.714
N26 47.908 W 80 02.807
Chart 11472 LNM: 16/20

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
525	Brunswick Spoil Area Buoy B	MISSING	11502	200-19 CHA	39/19	
620	Hetzel Shoal Lighted Buoy 8	OFF STA	11484	246-19 JAX	42/19	
830	NOAA Data Lighted Buoy 41002 (ODAS)	MISSING	11009	N/A	15/20	
920	Fowey Rocks Light	TRLT	11465	197-19 MIA	45/19	
935	Pacific Reef Light	LT EXT/TRLT	11451	288-18 MIA	39/18	
950	Elbow Reef Light 6	STRUCT DEST/LT IMCH/REDUCED INT/DAYMK MISSING/TRLT	11463	025-16 MIA	04/16	
960	Molasses Reef Light 10	LT IMCH	11464	020-20 KWT	13/20	
990	Tennessee Reef Light	LT EXT/STRUCT DMGD	11449	018-19 KWT	16/19	
1020	Pelican Shoal Light 26	STRUCT DEST/HAZ NAV/TRLB	11446	052-16 KWT	33/16	
1040	Key West Entrance Lighted Whistle Buoy KW	REDUCED INT	11447	035-19 KWT	23/19	
1080	Twenty Eight Foot Shoal Lighted Buoy 2	RAC INOP	11439	005-20 KWT	06/20	
1345	New Pass Shoal Light	DAYMK DMGD	11425	379-20 STP	20/20	
1375	Egmont Channel Range Front Light	REDUCED INT	11411	098-17 STP	05/17	
1380	Egmont Channel Range Rear Light	HAZ NAV/LT EXT/TRLB	11411	977-17 STP	38/17	
1705	Little River Inlet Light 7	STRUCT DEST/TRLB	11534	048-19 CHA	11/19	
1725	Little River Inlet Daybeacon 11	STRUCT DEST/TRUB	11534	275-19 CHA	48/19	
1740	Little River Inlet Light 15	TRLB	11534	092-19 CHA	22/19	
1755	Little River Inlet Daybeacon 20	STRUCT DEST/TRUB	11534	116-19 CHA	26/19	
1835	Murrells Inlet Daybeacon 21	STRUCT DEST/TRUB	11534	189-19 CHA	37/19	
1885	Winyah Bay Channel Lighted Bell Buoy 4	OFF STA	11532	235-19 CHA	43/19	
1890	Winyah Bay Channel Lighted Buoy 5	OFF STA	11532	174-19 CHA	37/19	
2150	Winyah Bay Channel Light 40	STRUCT DEST/TRLB	11532	110-20 CHA	19/20	
2505.5	Bennis Reach Range Front Light	REDUCED INT	11524	253-19 CHA	46/19	
2685	Charleston Harbor South Channel Daybeacon 6	STRUCT DEST/TRUB	11524	254-19 CHA	47/19	
3045	Cooper River Range D Rear Light	LT EXT	11524	233-19 CHA	43/19	
3185.1	Cooper River Light 99	STRUCT DEST	11527	099-20 CHA	17/20	
3243	Cooper River Daybeacon 114	STRUCT DEST/TRUB	11527	059-19 CHA	13/19	
3380	Wando River Light 21	STRUCT DEST/TRLB	11524	161-19 CHA	34/19	
3520	Mount Pleasant Channel Daybeacon 3	TRUB	11524	267-19 CHA	48/19	
3555	Mount Pleasant Channel Light 16	STRUCT DMGD	11524	103-20 CHA	18/20	
3965	St Helena Sound Entrance Buoy 4	MISSING	11517	026-20 CHA	07/20	

3970	St Helena Sound Buoy 4B	MISSING	11517	027-20 CHA	07/20
4025	Harbor River Shoal Daybeacon	TRUB	11517	524-16 CHA	42/16
4110	Port Royal Sound Channel Lighted Buoy 8	MISSING	11516	298-19 CHA	53/19
4305	Beaufort River Buoy 39	BUOY DMGD	11507	113-19 CHA	26/19
4660	South Channel Daybeacon 5 (Savannah)	TRUB	11505	007-20 CHA	03/20
4683	Calibogue Sound Entrance Lighted Buoy 2	MISSING	11505	175-19 CHA	37/19
4805	Long Island Crossing Upper Range Rear Light	DAYMK MISSING/TRLB	11507	050-20 CHA	11/20
4835	Lower Flats Range Rear Light	LT EXT/STRUCT DMGD	11507	110-16 CHA	20/16
4920	The Bight Channel Light 44	TRLB	11507	227-19 CHA	42/19
4930	The Bight Channel Light 46	TRLB	11507	149-19 CHA	32/19
4965	Elba Island Light 49	TRLB	11507		22/19
5030	Marsh Island Turning Basin Light 4	TRLB	11514	170-19 CHA	37/19
5045	Kings Island Turning Basin Range Front Light	STRUCT DEST/HAZ NAV	11514	043-20 CHA	10/20
5050	Kings Island Turning Basin Range Rear Light	STRUCT DEST/HAZ NAV	11514	061-20 CHA	12/20
5065	Kings Island Turning Basin Light 16	STRUCT DEST/TRLB	11514	112-20 CHA	20/20
5115	Port Wentworth Channel Daybeacon 24	STRUCT DEST/TRUB	11514	090-20 CHA	16/20
5150	Port Wentworth Channel Light 30	TRLB	11514	042-20 CHA	10/20
5760	Ossabaw Sound North Channel Daybeacon 10	TRUB	11511	367-16 CHA	42/16
5780	Ossabaw Sound South Channel Daybeacon 5	STRUCT DEST/TRUB	11511	183-19 CHA	37/19
5855	Sapelo Sound Buoy 6	OFF STA	11507	257-18 CHA	47/18
5875	Sapelo River Daybeacon 2	TRUB	11507		14/19
5885	Sapelo River Daybeacon 4	TRUB	11510	102-18 CHA	18/18
5900	Sapelo River Buoy 8	OFF STA	11507	217-19 CHA	40/19
5945	Doboy Sound Light 8	TRLB	11507	106-18 CHA	20/18
5975	Hampton River Daybeacon 12	TRUB	11507	075-19 CHA	16/18
6120	St Simons North Tower Light	DAYMK IMCH	11489	210-16 CHA	31/16
6120	St Simons North Tower Light	LT EXT	11489	240-19 CHA	45/19
6125	St Simons South Tower Light	LT EXT/STRUCT DMGD	11489	188-19 CHA	37/19
6200	Cedar Hammock Range Rear Light	LT EXT	11489	098-20 CHA	17/20
6230	Brunswick Point Cut Range Front Light 2	DAYMK MISSING	11489	126-18 CHA	24/18
6290	Brandy Point Jetty Daybeacon	HAZ NAV/TRUB	11489	114-19 CHA	26/19
6296	East River Turning Basin Light A	STRUCT DEST/TRLB	11506	068-20 CHA	13/20
6315	Turtle River Lighted Buoy 1	TRLB	11489	094-19 CHA	22/19
6380	Turtle River Light 9	TRLB	11506	239-19 CHA	44/19
6600	St Marys Entrance Lighted Buoy 16	OFF STA	11503	013-20 JAX	03/20
6615	St Marys South Jetty Buoy B	OFF STA	11503	202-19 JAX	37/19
6620	St Marys North Jetty Buoy C	MISSING	11503	210-19 JAX	38/19
6630	St Marys Entrance Lighted Buoy 18	MISSING	11503	079-20 JAX	13/20
6695	Cumberland Sound Upper Range A Rear Light	LT EXT	11503	081-20 JAX	13/20
6773	Cumberland Sound Shoal Light A	STRUCT DEST	11503	221-19 JAX	40/19
6810	St Marys River Daybeacon 8	TRUB	11503	138-19 JAX	25/19
6847	Cumberland Sound Shoal Light C	STRUCT DEST	11503	222-19 JAX	40/19
6867	Cumberland Sound Shoal Light D	STRUCT DEST	11503	202-17 JAX	29/17
6894	Cumberland Sound Shoal Light H	TRUB	11503	066-19 JAX	15/19

6965	Kings Bay North Degausssing Range Front Daybeacon	STRUCT DEST	11503	220-19 JAX	40/19
6985	Kings Bay Light 44	TRLB	11503	022-20 JAX	06/20
7120	St Johns Bar Cut Range Rear Light	LT EXT	11491	179-18 JAX	42/18
7220	Mayport Cut Range Rear Light	REDUCED INT	11491	048-20 JAX	09/20
7240	Sherman Cut Range Rear Light	STRUCT DEST	11491	229-17 JAX	35/17
7535	Trout River Range Rear Light	STRUCT DMGD	11491	178-18 JAX	42/18
7770	Beauclerc Bluff Light 9	STRUCT DEST/TRLB	11492	078-20 JAX	12/20
7940	**Racy Point Cut Range Front Light**	**STRUCT DEST/HAZ NAV/LT EXT**	**11487**	**098-20 JAX**	**21/20**
7945	**Racy Point Cut Range Rear Light**	**LT EXT**	**11487**	**097-20 JAX**	**21/20**
8860	Island Daybeacon 6	OFF STA/TRUB	11495	043-19 JAX	11/19
8880	Lake Dexter Daybeacon 13	STRUCT DEST	11495	083-20 JAX	14/20
8990	Riverside Daybeacon 46	STRUCT DMGD	11498	253-19 JAX	44/19
9020	Hontoun Island Daybeacon 58	TRUB	11498	216-18 JAX	50/18
9480	St Augustine Inlet Buoy 2	MISSING	11488	280-19 CHA	49/19
9485	St Augustine Inlet Buoy 3	MISSING	11485	198-19 JAX	37/19
9490	St Augustine Inlet Buoy 4	OFF STA	11485	229-18 JAX	01/19
9495	St Augustine Inlet Lighted Buoy 5	MISSING	11485	282-19 JAX	37/19
9497	St Augustine Inlet Lighted Buoy 6	OFF STA	11485	189-19 JAX	33/19
9500	St Augustine Inlet Lighted Buoy 7	OFF STA	11485	032-20 JAX	09/20
9520	Ponce De Leon Inlet North Jetty Light	MISSING/HAZ NAV/TRLB	11485	203-19 JAX	47/16
9655	Canaveral Harbor Entrance Channel Light 14	TRLB	11478	258-19 JAX	45/19
9705	Canaveral Harbor Entrance Channel Lighted Buoy 19	SINKING	11478	073-20 JAX	11/20
10003	St Lucie Inlet Light 4	DAYMK MISSING/STRUCT DMGD	11472	161-19 MIA	37/19
10170	St Lucie Inlet Daybeacon 17	STRUCT DEST/TRUB	11472	059-20 MIA	19/20
10293	Hillsboro Inlet Entrance Light 2	DAYMK MISSING	11467	218-19 MIA	52/19
10665	Fishermans Channel Light 9	TRLB	11468	046-19 MIA	16/19
10715	Fishermans Channel Light 17	HAZ NAV/TRLB	11468	001-20 MIA	01/20
11110	Caesar Creek Junction Daybeacon A	DAYMK DMGD	11463	057-20 MIA	19/20
11125	Caesar Creek Daybeacon 29	TRLB	11463	346-17 MIA	49/17
11130	Caesar Creek Daybeacon 30	MISSING/TRUB	11463	285-17 MIA	22/16
11465	Turtle Harbor Daybeacon 3	STRUCT DMGD	11463	016-20 KWT	12/20
11495	Key Largo Daybeacon 29	HAZ NAV/TRLB	11463	042-19 KWT	23/19
11800	Largo Sound Channel Daybeacon 7	STRUCT DEST	11464	013-16 KWT	10/16
11805	Largo Sound Channel Daybeacon 7A	STRUCT DEST/TRUB	11464	074-16 KWT	45/16
11815	Largo Sound Channel Light 9	TRLB	11464	016-17 KWT	05/17
11825	Largo Sound Channel Daybeacon 11	TRUB	11464	013-18 KWT	07/18
11855	Largo Sound Channel Daybeacon 19	TRUB	11464	067-17 KWT	23/17
11870	Largo Sound Channel Daybeacon 22	TRUB	11464	108-17 KWT	44/17
11875	Largo Sound Channel Daybeacon 23	TRUB	11464		44/17
12050	Tavernier Key Daybeacon 4	MISSING/HAZ NAV/TRLB	11464	041-19 KWT	28/19
14650	Safe Harbor Channel Light 3	STRUCT DEST/HAZ NAV/TRLB	11441	025-20 KWT	17/20
14800	Key West Entrance Lighted Whistle Buoy KW	REDUCED INT	11447	035-19 KWT	23/19
15025	Garrison Bight Channel Daybeacon 14	HAZ NAV/TRLB	11441	070-19 KWT	44/19
15190	Key West Northwest Channel Buoy 4	TRUB	11441	003-20 KWT	05/20
15360	Calda Channel Daybeacon 9	TRUB	11441		33/19
15370	Calda Channel Daybeacon 12	TRUB	11441	121-17 KWT	45/17
15395	Calda Channel Daybeacon 17	TRUB	11441		33/19

15480	Fort Jefferson East Channel Daybeacon 6	STRUCT DEST	11438	018-18 KWT	09/18
15490	Fort Jefferson East Channel Daybeacon 8	STRUCT DEST	11438	018-18 KWT	09/18
16020	Indian Key Pass Daybeacon 13	STRUCT DEST/HAZ NAV	11430	345-20 STP	17/20
17490	Gordon Pass Channel Light 6	LT EXT	11430	314-20 STP	16/20
18000	San Carlos Bay Channel Light 2	STRUCT DEST/HAZ NAV/TRLB	11427	160-20 STP	08/20
19865	Sanibel Island Light 2	STRUCT DEST/TRLB	11427	380-20 STP	20/20
21585	New Pass Shoal Light	DAYMK DMGD	11425	379-20 STP	20/20
22280	Egmont Channel Range Front Light	REDUCED INT	11411	098-17 STP	05/17
22285	Egmont Channel Range Rear Light	HAZ NAV/LT EXT/TRLB	11411	977-17 STP	38/17
22355	Mullet Key Channel Range Front Light	LT EXT	11415	1208-17 STP	48/17
22360	Mullet Key Channel Range Rear Light	LT EXT	11415		20/20
22595	Tampa Bay Cut C Channel Lighted Buoy 2C	MISSING	11416	312-20 STP	16/20
22855	Gadsden Point Cut Range Rear Light	LT EXT/DAYMK DMGD	11416	469-17 STP	17/17
23190	Hillsborough Cut C Channel Outbound Range Rear Light	REDUCED INT	11416	1088-19 STP	48/19
23935	Tampa Bay Cut K Channel Buoy 11K	MISSING/TRUB	11416	190-20 STP	10/20
26225	**Anclote River Daybeacon 18**	**DAYMK MISSING**	**11411**	**384-20 STP**	**21/20**
26520	Pithlachascotee River Daybeacon 3	STRUCT DEST/HAZ NAV/TRLB	11411	141-20 STP	07/20
29385	Withlacoochee River Entrance Daybeacon 3A	STRUCT DEST/HAZ NAV/TRLB	11408	373-20 STP	20/20
30550.5	Steinhatchee River Light 29	DAYMK MISSING	11407	344-20 STP	17/20
30580.9	Steinhatchee River Daybeacon 48	STRUCT DEST/HAZ NAV/TRLB	11407	1139-19 STP	50/19
30730	Puerto Arecibo Buoy 2	OFF STA	25668		06/20
30734	Puerto Arecibo Buoy 6	OFF STA	25668	012-20 SJN	14/20
30760	Bahia De San Juan Lighted Buoy 2	OFF STA	25670	005-20 SJN	11/20
31170	Las Croabas Daybeacon 2	TRUB	25667	053-18 SJN	48/17
31380	Bajos Chinchorro Del Sur Light	STRUCT DEST	25664		40/17
31385	Cabeza De Perro Lighted Buoy 7	LT EXT	25664	017-20 MIA	18/20
31415	Vieques Southwest Channel Lighted Buoy 2	LT EXT	25664	018-20 SJN	18/20
31525	Cayo Lobito Light	STRUCT DEST	25650		40/17
32125	Bahia De Guayanilla Buoy 9	TRUB	25681	314-17 SJN	50/17
32470	Current Rock Light	STRUCT DEST	25649	230-17 SJN	37/17
32565	Buck Island Light (St Thomas)	STRUCT DEST	25649	322-17 SJN	42/17
32770	Stevens Cay Light	STRUCT DEST	25647	317-17 SJN	51/17
32895	Christiansted Harbor Channel Light 7	HAZ NAV/TRLB	25645		41/17
32910	Christiansted Harbor Channel Light 9	HAZ NAV/LT EXT/DAYMK MISSING/STRUCT DMGD	25645		41/17
32920	Christiansted Harbor Channel Light 11	HAZ NAV/LT EXT/DAYMK MISSING/STRUCT DMGD	25645		41/17
32940	Christiansted Harbor Channel Buoy 15	OFF STA	25645	066-19 SJN	46/19
33055	Coakley Bay Light 1	STRUCT DEST/HAZ NAV	25645	302-17 SJN	49/17
33060	Buck Island Light (St Croix)	STRUCT DEST	25641	252-18 SJN	44/18
33415	St Nicolas Point Channel Light 7	TRLB	26230		01/16
33605	Little River-Winyah Bay Daybeacon 2	TRUB	11534	045-20 CHA	10/20
33670	Little River-Winyah Bay Daybeacon 16A	TRUB	11534	091-18 CHA	17/18
33745	Little River-Winyah Bay Light 26A	TRUB	11534	081-19 CHA	17/19
33875	Little River-Winyah Bay Light 47	TRLB	11534	098-19 CHA	22/19
33930	Little River-Winyah Bay Light 63	TRLB	11534	036-20 CHA	10/20
34020	Little River-Winyah Bay Daybeacon 86	TRUB	11534	237-19 CHA	44/19
34055	Winyah Bay Channel Light 40	STRUCT DEST/TRLB	11532	110-20 CHA	19/20

34100.5	Little River-Winyah Bay Daybeacon 97	TRUB	11534		51/19
34250	Winyah Bay-Charleston Harbor Daybeacon 39	STRUCT DEST/TRUB	11518	094-20 CHA	17/20
34285	Winyah Bay-Charleston Harbor Daybeacon 47	TRUB	11518	198-19 CHA	38/19
34300	Winyah Bay-Charleston Harbor Light 50	TRLB	11518	198-19 CHA	38/19
34305	Winyah Bay-Charleston Harbor Daybeacon 51	TRUB	11518	076-19 CHA	16/19
34390	Winyah Bay-Charleston Harbor Daybeacon 84	OFF STA/TRUB	11518	232-19 CHA	43/19
34395	Winyah Bay-Charleston Harbor Light 86	TRLB	11518	154-19 CHA	34/19
34815	Stono River Light 63	TRLB	11518		02/20
34873	Wadmalaw River Daybeacon 82A	STRUCT DEST	11518	106-20 CHA	18/20
34980	Dawho River Light 119	TRLB	11517	142-19 CHA	30/19
35180	Ashepoo-Coosaw Cutoff Daybeacon 176	TRUB	11517	040-20 CHA	10/20
35205.2	Ashepoo-Coosaw Cutoff Daybeacon 185	STRUCT DEST/TRUB	11517	081-20 CHA	14/20
35265	Coosaw River Light 191	HAZ NAV/TRUB	11518	130-19 CHA	29/19
35290	Coosaw River Daybeacon 199	STRUCT DEST	11518	105-20 CHA	18/20
35445	Beaufort River Daybeacon 237	DAYMK IMCH	11516	132-19 CHA	30/19
35475	Beaufort River Daybeacon 241A	TRUB	11516	104-20 CHA	18/20
35485	**Beaufort River Daybeacon 244**	**STRUCT DEST**	**11516**	**121-20 CHA**	**21/20**
35520	Beaufort River Buoy 39	BUOY DMGD	11507	113-19 CHA	26/19
35655	Skull Creek Daybeacon 9A	DAYMK MISSING	11507		52/19
35825	Ramshorn Creek Light 39	STRUCT DEST/HAZ NAV/TRLB	11507	044-20 CHA	10/20
35840	Walls Cut Light 42	TRLB	11507	276-19 CHA	49/19
35870	Fields Cut Light 50	TRLB	11507	271-19 CHA	48/19
35885	Elba Island Cut Light 4	STRUCT DEST/TRLB	11507	116-20 CHA	20/20
35905	Elba Island Cut Daybeacon 12	DAYMK DMGD	11507	039-20 CHA	10/20
36000	Wilmington River Buoy 27	OFF STA	11507	035-20 CHA	09/20
36080	Skidaway River Light 43	HAZ NAV/TRLB	11507	070-18 CHA	13/18
36100	Skidaway River Daybeacon 48	TRUB	11507	078-20 CHA	13/20
36115	Skidaway River Daybeacon 52	TRUB	11507	284-18 CHA	50/18
36130	Skidaway Narrows Daybeacon 55	TRUB	11507	285-19 CHA	51/19
36225	Vernon River Daybeacon 84	TRUB	11507	145-19 CHA	31/19
36290	Hell Gate Light 92	TRLB	11507	306-18 CHA	51/18
36465	St Catherines Sound Light 114	TRLB	11507	165-19 CHA	36/19
36540	Johnson Creek Daybeacon 127	DAYMK MISSING	11507	064-20 CHA	12/20
36630.1	Sapelo Sound Light 138	TRLB	11507	356-17 CHA	51/17
36695	Creighton Narrows Light 155A	STRUCT DMGD	11507	080-20 CHA	13/20
36725	Old Teakettle Creek Light 159	TRLB	11507	185-19 CHA	36/19
36735	Old Teakettle Creek Daybeacon 160	TRUB	11507	180-18 CHA	22/18
36770	Old Teakettle Creek Daybeacon 168	TRUB	11507	266-17 CHA	39/17
36790	Old Teakettle Creek Light 175	TRLB	11507	062-20 CHA	12/20
36795	Doboy Sound Light 178	STRUCT DEST/HAZ NAV/TRUB	11507	213-19 JAX	40/19
36827.5	Darien River Daybeacon 29	TRUB	11508	268-19 CHA	48/19
36835	Rockdedundy River Light 185	TRLB	11507	010-20 CHA	04/20
36850	Rockdedundy River Daybeacon 188	STRUCT DEST/HAZ NAV/TRLB	11507		37/19
36865	Little Mud River Light 190	STRUCT DEST/HAZ NAV/TRLB	11507	186-19 CHA	37/19
36880	Little Mud River Light 196	STRUCT DEST	11507	073-18 CHA	13/18
36887	Altamaha Sound Daybeacon 197	TRUB	11507	109-19 CHA	25/19
36890	Altamaha Sound Light 198	TRLB	11507	267-18 CHA	49/18

36930	Altamaha Sound Light 209	TRLB	11507	131-19 CHA	30/19
36955	Buttermilk Sound Light 213	TRLB	11507	258-18 CHA	48/18
36975	Buttermilk Sound Daybeacon 218	TRUB	11507	136-19 CHA	30/19
37010	South Altamaha River Daybeacon 8	TRUB	11508	060-19 CHA	13/19
37015	South Altamaha River Daybeacon 10	STRUCT DMGD	11508	117-20 CHA	20/20
37035	Buttermilk Sound Daybeacon 220	TRUB	11507	152-19 CHA	32/19
37165	Mackay River Light 239A	STRUCT DEST	11506	006-19 CHA	03/19
37249	Brunswick Point Cut Range Front Light 2	DAYMK MISSING	11489	126-18 CHA	24/18
37295	Jekyll Creek Jetty Range Rear Light	STRUCT DEST	11489	252-17 CHA	38/17
37297	Jekyll Creek Daybeacon 5	HAZ NAV/TRLB	11489	046-19 CHA	11/19
37325	Jekyll Creek Light 17	HAZ NAV/TRLB	11489	196-19 CHA	38/19
37370	Jekyll Creek Light 29	STRUCT DEST/TRLB	11489	022-20 CHA	07/20
37380	St Andrew Sound Lighted Buoy 30	TRLB	11489	052-19 CHA	38/18
37490	Floyd Creek Cut Daybeacon A24	TRUB	11489	238-19 CHA	44/19
37725	Kings Bay Light 44	TRLB	11503	022-20 JAX	06/20
37793	Cumberland Sound Shoal Light H	TRUB	11503	066-19 JAX	15/19
37808	Cumberland Sound Shoal Light D	STRUCT DEST	11503	202-17 JAX	29/17
37827	Cumberland Sound Shoal Light C	STRUCT DEST	11503	222-19 JAX	40/19
37843	Cumberland Sound Shoal Light A	STRUCT DEST	11503	221-19 JAX	40/19
37875	Cumberland Sound Upper Range A Rear Light	LT EXT	11503	081-20 JAX	13/20
38010	Kingsley Creek Daybeacon 13	TRUB	11489	031-20 JAX	07/20
38055	South Amelia River Daybeacon 23	HAZ NAV/TRLB	11489	311-19 JAX	53/19
38640	Tolomato River Daybeacon 8	TRUB	11489	313-19 JAX	53/19
38790	Tolomato River Light 44	TRUB	11485	197-19 JAX	36/19
39035	Matanzas River Light 1	STRUCT DEST/HAZ NAV/TRUB	11485	075-20 JAX	12/20
39040	**Matanzas River Buoy 2**	**OFF STA**	**11485**	**096-20 JAX**	**21/20**
39065	Matanzas River Daybeacon 10A	HAZ NAV/TRLB	11485	303-19 JAX	51/19
39120	San Sebastian River Daybeacon 6	STRUCT DEST/HAZ NAV/DAYMK MISSING/TRLB	11485	066-20 JAX	10/20
39385	Matanzas River Daybeacon 53	TRUB	11485	287-19 JAX	49/19
39470	Matanzas River Daybeacon 66	TRUB	11485	077-20 JAX	12/20
39515	Matanzas River Light 78	STRUCT DEST/HAZ NAV/TRLB	11485	076-20 JAX	12/20
39630	Matanzas River Daybeacon 98	TRUB	11485	194-19 JAX	35/19
39635	Matanzas River Light 99	TRLB	11485		02/20
39960	Halifax River Daybeacon 21	TRUB	11485	228-19 JAX	40/19
39995	Halifax River Daybeacon 29	TRUB	11485	090-20 JAX	17/20
40125	Halifax River Daybeacon 39A	TRUB	11485	229-19 JAX	40/19
40345	**Halifax River Light 59**	**STRUCT DEST/TRLB**	**11485**	**099-20 JAX**	**21/20**
40440	Halifax River Daybeacon 61	TRUB	11485	269-19 JAX	46/19
40473	Halifax River Daybeacon 68A	TRUB	11485	248-19 JAX	42/19
40475	Halifax River Daybeacon 69	TRUB	11485	029-20 JAX	07/20
40495	Ponce De Leon Cut Light 1	TRLB	11485	223-19 JAX	40/19
40535	Ponce De Leon Cut Daybeacon 7	TRUB	11485	292-19 JAX	50/19
40720	South Sheephead Cut Junction Daybeacon	TRUB	11485	005-20 JAX	01/20
41440	Indian River (North Section) Daybeacon 52	TRUB	11485	290-19 JAX	50/19
42090	Indian River (North Section) Daybeacon 71	STRUCT DEST/TRUB	11485	082-20 JAX	14/20
42335	Indian River (North Section) Daybeacon 99	HAZ NAV/TRUB	11472	315-19 JAX	53/19

43500	Indian River (South Section) Daybeacon 50	STRUCT DEST/TRUB	11472	060-20 MIA	19/20
43900	Indian River (South Section) Daybeacon 108	TRUB	11472	024-20 MIA	07/20
44385	Indian River (South Section) Daybeacon 144	STRUCT DEST/TRUB	11472	063-20 MIA	20/20
45085	Indian River (South Section) Daybeacon 184	STRUCT DEST/TRUB	11475	035-20 MIA	11/20
45100	Taylor Creek Channel Daybeacon 3	TRUB	11475	023-20 MIA	07/20
45320	Indian River (South Section) Light 202	TRLB	11472	043-20 MIA	14/20
46655	Lake Worth North Daybeacon 40	TRUB	11472	025-20 MIA	08/20
47320	New River Daybeacon 5	STRUCT DEST/HAZ NAV/TRLB	11470	030-20 MIA	09/20
47725	Dumfoundling Bay Daybeacon 54	TRUB	11467	211-19+ MIA	50/19
48280	**Biscayne Bay Daybeacon 28**	**DAYMK MISSING**	**11467**	**065-20 MIA**	**21/20**
48360	Biscayne Bay Daybeacon 41	TRUB	11467	046-20 MIA	14/20
48490	Biscayne Bay Daybeacon 57	STRUCT DEST/HAZ NAV/TRLB	11468	203-19 MIA	47/19
50225	Barnes Point Light 24	DAYMK MISSING	11464	019-20 KWT	13/20
50760	Woods Point Daybeacon 1	TRUB	11472	N/A	07/18
50780	St Lucie River Daybeacon 22A	TRUB	11428		18/20
51085	**St Lucie River (South Fork) Daybeacon 29**	**STRUCT DEST**	**11428**	**066-20 MIA**	**21/20**
51120	St Lucie Canal Daybeacon 38	STRUCT DEST/TRUB	11428	058-20 MIA	19/20
51425	Lake Okeechobee (Rt 2) Daybeacon 6	HAZ NAV/TRLB	11428	040-19 MIA	15/19
51495	Lake Okeechobee (Rt 2) Daybeacon 25	STRUCT DEST/TRUB	11428	083-18 MIA	16/18
51795	Lake Okeechobee (Rt 2) Daybeacon 89	TRUB	11428	082-18 MIA	16/18
52235	Caloosahatchee River Daybeacon 24	STRUCT DEST/TRUB	11427	369-20 STP	19/20
56520	Gasparilla Sound Channel Daybeacon 3	STRUCT DEST/TRUB	11425	357-20 STP	18/20
57255	Lemon Bay Channel Light 11	LT EXT	11425	033-20 STP	02/20
59520	Siesta Key-Tampa Bay Daybeacon 42	STRUCT DEST/TRUB	11425	360-20 STP	19/20
60685	Cats Point Channel Daybeacon 13	STRUCT DEST/TRUB	11411	319-20 STP	16/20
60825	**Boca Ciega Bay Daybeacon 20**	**STRUCT DEST/TRUB**	**11411**	**383-20 STP**	**21/20**
61715	Clearwater Harbor Daybeacon 2	TRUB	11411	159-20 STP	08/20
62020	St Joseph Sound Daybeacon 17	TRUB	11411	221-20 STP	12/20
62045	St Joseph Sound Light 23	STRUCT DEST/HAZ NAV/TRLB	11411	375-20 STP	20/20
62290	St Joseph Sound Daybeacon 41	STRUCT DEST/HAZ NAV/TRLB	11411	257-20 STP	12/20

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2545	Horse Reach Range Front Light	RELIGHTED	11524		21/20	21/20
2897	Cooper River Lighted Buoy 55	RELIGHTED	11524		19/20	21/20
3320.5	Wando River Terminal Lighted Buoy 7	RELIGHTED	11524		21/20	21/20
9830	Fort Pierce Inlet Inner Harbor Lighted Buoy 7	WATCHING PROPERLY	11475		41/19	21/20
9840	Fort Pierce Inlet Inner Harbor Lighted Buoy 9	WATCHING PROPERLY	11475		21/20	21/20
18232	Matanzas Pass Channel Daybeacon 13	WATCHING PROPERLY	11427		21/20	21/20
24735.2	Point Pinellas Channel Light 10	REBUILT/REMAINS	11415		17/20	21/20
26190	Anclote River Daybeacon 11	WATCHING PROPERLY	11411		21/20	21/20
36260	Vernon River Light Wreck 86	REBUILT/REMAINS	11507		50/18	21/20
38352	Pablo Creek Buoy 2	WATCHING PROPERLY	11491		06/20	21/20
54275	Caloosahatchee River Daybeacon 83	WATCHING PROPERLY	11427		19/20	21/20
62265	St Joseph Sound Daybeacon 36	WATCHING PROPERLY	11411		21/20	21/20

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
230	Charleston Sixty Foot Reef Buoy	OFF STA	11521	087-19 CHA	20/19	
235	Folly Beach Fishing Pier Obstruction Light	LT EXT	11522	032-19 CHA	07/19	
260	North Edisto Reef Lighted Buoy	MISSING	11522	050-18 CHA	10/18	
370	Tybee Creek Fishing Pier Light	LT EXT	11512		18/19	
820	Bakers Haulover Inlet Jetty Light	LT EXT	11466	159-19 MIA	36/19	
900	Key Biscayne FAD Northwest Buoy	MISSING	11451	168-18 MIA	26/18	
905	Key Biscayne FAD Northeast Buoy	MISSING	11465	169-18 MIA	26/18	
910	Key Biscayne FAD Southwest Buoy	MISSING	11465	170-18 MIA	26/18	
915	Key Biscayne FAD Southeast Buoy	MISSING	11465	171-18 MIA	26/18	
915.1	Neptune Memorial Reef Buoy AA	STRUCT DEST	11467	172-18 MIA	26/18	
915.2	Neptune Memorial Reef Buoy BB	STRUCT DEST	11467	173-18 MIA	26/18	
915.3	Neptune Memorial Reef Buoy CC	STRUCT DEST	11465	174-18 MIA	26/18	
915.4	Neptune Memorial Reef Buoy DD	STRUCT DEST	11465	175-18 MIA	26/18	
947.4	Carysfort Reef Buoy C	MISSING	11442	297-17 MIA	42/17	
948.2	The Elbow Buoy B	MISSING	11462	298-17 MIA	42/17	
948.4	The Elbow Buoy C	MISSING	11462	299-17 MIA	42/17	
948.6	The Elbow Buoy D	MISSING	11462	300-17 MIA	42/17	
953	Dry Rocks Buoy A	MISSING	11442	301-17 MIA	42/17	
954.6	Grecian Rocks Buoy D	MISSING	11442	302-17 MIA	42/17	
1305.2	Gasparilla Island South Obstruction Light	LT EXT		111-17 MIA	19/17	
1305.4	Gaparilla Island West Obstruction Light	LT EXT	11425	112-17 MIA	19/17	
1305.6	Gasparilla Island North Obstruction Light	LT EXT	11425	113-17 MIA	19/17	
2565	Patriots Point Daybeacon 1	STRUCT DEST	11524	104-18 CHA	18/18	
2905.5	Mark Clark I-526 Bridge Racon	RAC INOP	11524	153-19 CHA	33/19	
3245	Cooper River Mon Sta Obstruction Light E	LT EXT	11527	263-13 CHA	40/13	
3288.1	Upper Cooper River Daybeacon 16	DAYMK MISSING/STRUCT DMGD	11527	097-19 CHA	22/19	
4415	Wexford Harbour Daybeacon 1	STRUCT DEST	11516	109-20 CHA	19/20	
4661	Cockspur Lighthouse	LT EXT	11505	N/A	33/15	
5946	Sapelo Island LT	LT EXT	11507	037-20 CHA	10/20	
6170	Fredericka Yacht Club Obstruction Light	LT EXT	11506	135-17 CHA	26/17	
7655	Jacksonville Shipyards Pier 6 Light	LT EXT	11491	150-18 JAX	32/18	
7696	Ortega River Lighted Buoy 2	LT EXT	11491	159-17 JAX	27/17	
7790	Villas Continental Club Daybeacon 2	STRUCT DEST/HAZ NAV	11492	211-17 JAX	35/17	
7795	Villas Continental Club Daybeacon 3	STRUCT DEST	11492	278-17 JAX	47/17	
7800	Villas Continental Club Daybeacon 4	STRUCT DEST	11492	278-17 JAX	47/17	
7805	Villas Continental Club Daybeacon 5	STRUCT DEST	11492	278-17 JAX	47/17	
8595	Silver Glen Springs Run Buoy 1	MISSING	11495	060-19 JAX	14/19	
8695	Silver Glen Springs Run Buoy 24	MISSING	11495	060-19 JAX	14/19	
8700	Silver Glen Springs Run Buoy 25	OFF STA	11495	060-19 JAX	14/19	
8715	Silver Glen Springs Run Buoy 2A	SINKING/BUOY DMGD	11495	060-19 JAX	14/19	
8740	Silver Glen Springs Run Buoy 9A	MISSING	11495	060-19 JAX	14/19	
8750	Silver Glen Springs Run Pref Buoy A	MISSING	11495	060-19 JAX	14/19	
9735	Sebastian Inlet Channel Buoy 2	MISSING	11472	047-20 MIA	15/20	
9770	Sebastian Inlet Channel Daybeacon 9	STRUCT DEST	11472	138-19 MIA	28/19	
9775	Sebastian Inlet Channel Daybeacon 10	STRUCT DEST	11472	139-19 MIA	28/19	

9780	Sebastian Inlet Channel Daybeacon 11	STRUCT DEST	11472	140-19 MIA	28/19
9795	Sebastian Inlet Channel Daybeacon 14	STRUCT DEST	11472	141-19 MIA	28/19
9810.3	Sebastian Inlet Channel Daybeacon 20	STRUCT DEST/HAZ NAV	11472	158-17 MIA	27/17
9810.51	Sebastian Inlet Daybeacon 21B	STRUCT DEST	11472	216-19 MIA	50/19
9810.7	Sebastian Inlet Channel Daybeacon 23	STRUCT DEST	11427	213-19 MIA	50/19
9810.9	Sebastian Inlet Channel Daybeacon 25	STRUCT DEST	11472	142-19 MIA	28/19
9880	Banty Saunders Recreational Area Daybeacon 8	STRUCT DEST	11475	120-16 MIA	22/16
9895	Banty Saunders Recreational Area Daybeacon 12	HAZ NAV/STRUCT DMGD	11475	101-16 MIA	19/16
9905	Banty Saunders Recreational Area Daybeacon 15	STRUCT DEST	11475	255-18 MIA	01/19
10570	Miami Beach Marina Breakwater North Light	LT EXT	11468	027-17 MIA	08/17
10605	Fisher Island Marina Channel North Obstruction Daybeacon	DAYMK MISSING	11468	148-18 MIA	25/18
10650	Fisher Island Breakwater East Obstruction Daybeacon	DAYMK MISSING	11468	149-18 MIA	25/18
10692	Dodge Island Mooring Obstruction Light	STRUCT DEST	11468	150-18 MIA	25/18
10735	Msrc Boundary Shoal Daybeacon	DAYMK MISSING	11468	151-18 MIA	25/18
10886	Miami Springs Boat Club Shoal Buoy West	MSLD SIG	11465	048-17 MIA	08/17
10887	Miami Springs Boat Club Shoal Buoy North	MISSING	11465	049-17 MIA	08/17
10889	Miami Springs Boat Club Shoal Buoy South	MISSING	11465	051-17 MIA	08/17
11177.1	Broad Creek Daybeacon 2	HAZ NAV/DAYMK MISSING	11463	146-18 MIA	25/18
11260	Villa Channel Daybeacon 5	STRUCT DEST/HAZ NAV	11451	007-19 KWT	09/19
11265	Villa Channel Daybeacon 6	STRUCT DMGD	11451	155-19 MIA	34/19
11435	Dispatch Creek Channel Daybeacon 20	DAYMK IMCH	11451	080-18 KWT	26/18
11440	Harbor Course Creek Daybeacon 1	DAYMK IMCH	11451	074-18 KWT	26/18
11445	Harbor Course Creek Daybeacon 2	DAYMK IMCH	11451	075-18 KWT	26/18
11550	Garden Cove Daybeacon 3	DAYMK MISSING	11463		25/18
11555	Garden Cove Daybeacon 4	DAYMK IMCH/STRUCT DMGD	11463	072-18 KWT	25/18
11575	Garden Cove Daybeacon 8	DAYMK IMCH	11463	072-18 KWT	25/18
11580	Garden Cove Daybeacon 9	DAYMK MISSING	11463	072-18 KWT	25/18
11610	Garden Cove Daybeacon 14	STRUCT DEST/HAZ NAV	11463	012-19 KWT	12/19
11645	Garden Cove Daybeacon 22	STRUCT DEST	11463	045-18 KWT	18/18
11760	Molasses Reef North Obstruction Daybeacon	DAYMK MISSING	11451	N/A	09/06
11765.3	Port Largo Channel Light 7	STRUCT DEST	11464	095-18 KWT	36/18
11851.6	Newport Bay Daybeacon 7	HAZ NAV/STRUCT DMGD	11464	119-17 KWT	47/17
11945	Key Largo Ocean Resort Light 2	LT EXT	11451	047-15 KWT	20/15
12115	Tavernier Creek Daybeacon 10	STRUCT DMGD	11451	032-18 KWT	13/18
12120	Tavernier Creek Daybeacon 12	DAYMK MISSING	11451		03/18
12145	Tavernier Creek Daybeacon 17	STRUCT DEST/HAZ NAV	11451	097-18 KWT	48/17
12378	Bay Harbour Light	LT EXT	11441	092-16 KWT	49/16
12501	Vaca Cut Daybeacon 1	DAYMK MISSING	11453	128-17 KWT	46/17
12501.1	Vaca Cut Daybeacon 3	DAYMK MISSING	11453	127-17 KWT	46/17
12501.25	Vaca Cut Daybeacon 5A	DAYMK MISSING	11453	126-17 KWT	46/17
12501.6	Vaca Cut Daybeacon 13	STRUCT DEST	11453	085-15 KWT	43/15
12504	Knights Key Bank Shoal Daybeacon	STRUCT DEST	11453		03/18
12508	Pigeon Key Shoal Daybeacon NE	DAYMK MISSING	11453	003-18 KWT	02/18
12509	Pigeon Key Shoal Daybeacon NW	DAYMK MISSING	11453	003-18 KWT	02/18
12511	Red Bay Shoal Daybeacon A	STRUCT DEST	11453	002-18 KWT	02/18

12512	Red Bay Shoal Daybeacon B	DAYMK MISSING	11453	251-12 KWT	42/12
12595	Ohio Key Channel Daybeacon 4	STRUCT DEST/HAZ NAV	11446	101-16 KWT	52/16
12687	Windley Key Channel Daybeacon 2	STRUCT DEST	11464	064-18 KWT	24/18
12687.3	Windley Key Channel Daybeacon 3	STRUCT DEST	11464	059-19 KWT	35/19
12760	Windley Pass Daybeacon 16	DAYMK MISSING	11464		38/17
12810	La Siesta Resort Daybeacon 2	STRUCT DEST/HAZ NAV	11442	006-19 KWT	09/19
12885	Yellow Shark Channel Buoy 21	OFF STA	11449	171-13 KWT	44/13
12890	Yellow Shark Channel Buoy 22	STRUCT DEST	11449	026-18 KWT	10/18
12930	Tea Table Channel Daybeacon 3	DAYMK MISSING	11449	144-17 KWT	49/17
12935	Tea Table Channel Daybeacon 4	DAYMK MISSING	11449	145-17 KWT	49/17
12970	Plant Channel Buoy 5	MISSING	11449	063-18 KWT	23/18
12995.5	Plant Channel Buoy 11	MISSING	11449	062-18 KWT	23/18
13010	Tea Table Channel Daybeacon 8	STRUCT DEST	11449		38/17
13025	Shell Key Channel Daybeacon 11	DAYMK MISSING	11449		38/17
13085	Race Channel Daybeacon 11B	STRUCT DEST	11449	075-19 STP	47/19
13105	Race Channel Daybeacon 15B	STRUCT DEST	11449	041-17 KWT	16/17
13145	Indian Key Channel Daybeacon 2	STRUCT DMGD	11449	052-18 KWT	18/18
13150	Indian Key Channel Daybeacon 3	STRUCT DEST	11449	065-15 KWT	31/15
13170	Indian Key Channel Daybeacon 7	DAYMK MISSING	11449	146-17 KWT	49/17
13315.5	Wheel Ditch Channel Buoy 10A	SINKING	11449	022-19 KWT	17/19
13320	Lignumvitae Channel Daybeacon 9	DAYMK MISSING	11449	141-17 KWT	49/17
13330	Lignumvitae Channel Daybeacon 12	DAYMK MISSING	11449	142-17 KWT	49/17
13345	Lignumvitae Channel Daybeacon 15	DAYMK MISSING	11449	143-17 KWT	49/17
13385	Caloosa Cove Channel Daybeacon 11	STRUCT DMGD	11442	004-16 KWT	03/16
13500	Duck Key Inlet Channel Light 1	STRUCT DEST	11442	075-17 KWT	28/17
13505	Duck Key Inlet Channel Daybeacon 2	STRUCT DEST	11442	076-17 KWT	28/17
13525.5	Duck Key Inlet Channel Daybeacon 7	STRUCT DEST	11449	077-17 KWT	28/17
13670	Bonefish Bay Channel Daybeacon 2	STRUCT DEST	11449	009-19 KWT	10/19
13673	Bonefish Bay Channel Daybeacon 4	STRUCT DEST	11449	009-19 KWT	10/19
13675	Bonefish Bay Channel Daybeacon 5	STRUCT DEST	11449	009-19 KWT	10/19
13676	Bonefish Bay Channel Daybeacon 7	STRUCT DEST	11449	009-19 KWT	10/19
13676.3	Bonefish Bay Channel Daybeacon 8	STRUCT DEST	11449	009-19 KWT	10/19
13676.5	Bonefish Bay Shoal Daybeacon	STRUCT DEST	11449	009-19 KWT	10/19
13676.7	Bonefish Bay Channel Daybeacon 10	STRUCT DEST	11449	009-19 KWT	10/19
13676.9	Bonefish Bay Channel Daybeacon 11	STRUCT DEST	11449	009-19 KWT	10/19
13677	Bonefish Bay Channel Daybeacon 13	STRUCT DEST	11449	009-19 KWT	10/19
13680.2	Boat House Channel Buoy 3	MISSING	11453	004-17 KWT	04/17
13816	**Boot Key Harbor East Channel Daybeacon 3A**	**MSLD SIG/HAZ NAV**	**11449**	**27-20 KWT**	**21/20**
13920	Ramrod Key Channel Daybeacon 1	STRUCT DEST	11446	084-18 KWT	30/18
13925	Ramrod Key Channel Daybeacon 2	STRUCT DEST	11446	084-18 KWT	30/18
13936.2	Dolphin Marina Channel Daybeacon 2	STRUCT DEST	11445	076-18 KWT	26/18
14086.2	Venture Out Daybeacon 3	STRUCT DEST/HAZ NAV	11445	038-19 KWT	27/19
14345	Cudjoe Key Daybeacon 3A	STRUCT DEST/HAZ NAV	11445	015-19 KWT	14/19
14595	Stock Island East Channel A Daybeacon 3A	STRUCT DEST/HAZ NAV	11446	076-19 KWT	48/19
14795	Casa Marina Daybeacon 4	STRUCT DEST	11446	020-17 KWT	05/17
14887	Fort Taylor West Obstruction Light	LT EXT	11447	023-20 KWT	15/20
15680	Flamingo Channel Light 9	DAYMK MISSING	11433	351-17 MIA	50/17
15710	Flamingo Channel Light 15	DAYMK MISSING	11433	350-17 MIA	50/17

15715	Flamingo Channel Daybeacon 16	DAYMK MISSING	11433	349-17 MIA	50/17
15720	Flamingo Channel Daybeacon 18	STRUCT DEST/HAZ NAV	11433	348-17 MIA	50/17
15730	Coot Bay Daybeacon 2	STRUCT DEST	11433	1237-17 MIA	49/17
15755	Coot Bay Daybeacon 8	DAYMK MISSING	11433	1237-17 MIA	49/17
15770	Whitewater Bay Daybeacon 14	DAYMK MISSING	11433	1237-17 MIA	49/17
15790	Whitewater Bay Daybeacon 23	STRUCT DEST/HAZ NAV	11433	1237-17 MIA	49/17
15795	Whitewater Bay Daybeacon 25	DAYMK MISSING	11433	1237-17 MIA	49/17
15800	Whitewater Bay Daybeacon 26	DAYMK MISSING	11433		49/17
15870	Cormorant Pass Daybeacon 48	DAYMK IMCH	11432	1237-17 MIA	49/17
15885	Oyster Bay Daybeacon 53	DAYMK MISSING	11432	1237-17 MIA	49/17
15915	Oyster Bay Daybeacon 63	DAYMK MISSING	11432	1237-17 MIA	49/17
15940	Little Shark River Daybeacon 69	DAYMK IMCH	11432	1237-17 MIA	49/17
16235	Port of Islands Marina Daybeacon 3	STRUCT DEST	11430	1175-17 STP	46/17
16240	Port of Islands Marina Daybeacon 4	STRUCT DEST	11430	1175-17 STP	46/17
16245	Port of Islands Marina Daybeacon 5	STRUCT DEST/HAZ NAV	11430	1174-17 STP	46/17
16250	Port of Islands Marina Daybeacon 6	STRUCT DEST/HAZ NAV	11430	1174-17 STP	46/17
16255	Port of Islands Marina Daybeacon 8	STRUCT DEST	11430	1175-17 STP	46/17
16265	Port of Islands Marina Daybeacon 11	STRUCT DEST	11430	1175-17 STP	46/17
16270	Port of Islands Marina Daybeacon 12	STRUCT DEST/HAZ NAV	11430	1174-17 STP	46/17
16285	Port of Islands Marina Daybeacon 17	STRUCT DEST	11430	1175-17 STP	46/17
16290	Port of Islands Marina Daybeacon 19	STRUCT DEST	11430	1175-17 STP	46/17
16305	Port of Islands Marina Daybeacon 24	STRUCT DEST	11430	1175-17 STP	46/17
16310	Port of Islands Marina Daybeacon 26	STRUCT DEST	11430	1175-17 STP	46/17
16325	Port of Islands Marina Daybeacon 29	STRUCT DEST	11430	1175-17 STP	46/17
16350	Port of Islands Marina Daybeacon 35	STRUCT DEST	11430	1175-17 STP	46/17
16355	Port of Islands Marina Daybeacon 36	STRUCT DEST	11430	1175-17 STP	46/17
16365	Port of Islands Marina Daybeacon 38	DAYMK IMCH	11430	1175-17 STP	46/17
16370	Port of Islands Marina Daybeacon 39	DAYMK MISSING	11430	1175-17 STP	46/17
16375	Port of Islands Marina Daybeacon 41	DAYMK IMCH	11430	1175-17 STP	46/17
16380	Port of Islands Marina Daybeacon 42	STRUCT DEST/HAZ NAV	11430	349-18 STP	19/18
16390	Port of Islands Marina Daybeacon 44	STRUCT DEST	11430	1175-17 STP	46/17
16505	Blackwater River Daybeacon 10	DAYMK MISSING	11430	1175-17 STP	46/17
16510	Blackwater River Daybeacon 11	STRUCT DEST/HAZ NAV	11430	1174-17 STP	46/17
16715	Caxambas Bay Daybeacon 11	DAYMK MISSING	11429	586-18 STP	28/18
16790.01	Snook Hole Channel Daybeacon 1	STRUCT DEST	11430	1175-17 STP	46/17
16790.04	Snook Hole Channel Daybeacon 4	STRUCT DEST/HAZ NAV	11430	1174-17 STP	46/17
16792.1	Cape Romano Channel Daybeacon 4	STRUCT DEST	11430	1175-17 STP	46/17
16793	Cape Romano Channel Daybeacon 17	DAYMK MISSING	11430		44/19
16795	Big Marco River Daybeacon 2	DAYMK MISSING/STRUCT DMGD	11430	1175-17 STP	46/17
16800	Big Marco River Daybeacon 3	STRUCT DEST	11430	1175-17 STP	46/17
16805	Big Marco River Daybeacon 4	STRUCT DEST	11430	1175-17 STP	46/17
16810	Big Marco River Daybeacon 6	STRUCT DEST	11430	1175-17 STP	46/17
16830	Big Marco River Daybeacon 12	DAYMK MISSING	11430	1238-17 STP	49/17
16855	Big Marco River Daybeacon 15	STRUCT DEST/DAYMK MISSING	11430	1238-17 STP	49/17
16860	Big Marco River Daybeacon 16	STRUCT DEST	11430	1238-17 STP	49/17
16865	Big Marco River Daybeacon 17	DAYMK MISSING	11430	1238-17 STP	49/17
16870	Big Marco River Daybeacon 18	DAYMK MISSING	11430	1238-17 STP	49/17
16875	Big Marco River Daybeacon 20	DAYMK MISSING	11430	1238-17 STP	49/17
16880	Big Marco River Daybeacon 21	DAYMK MISSING	11430	1238-17 STP	49/17

16885	Big Marco River Daybeacon 22	DAYMK MISSING	11430	1238-17 STP	49/17
16900	Big Marco River Daybeacon 26	STRUCT DEST/HAZ NAV	11430	328-19 STP	49/17
16925	Caxambas Pass Daybeacon 4	HAZ NAV/STRUCT DMGD	11430	628-18 STP	30/18
17020	Collier Bay Daybeacon 4	STRUCT DEST/TRUB	11430		50/17
17087.1	Big Marco Pass Obstruction Daybeacon B	STRUCT DEST	11430	1126-19 STP	50/19
17135	Isles Of Capri Daybeacon 8	STRUCT DEST	11430	1290-17 STP	51/17
17770	Doctors Pass Daybeacon 16	STRUCT DEST	11430	547-18 STP	26/18
17775	Wiggins Pass Safe Water Light WP	LT EXT	11427	934-19 STP	41/19
17805	Wiggins Pass Daybeacon 10	HAZ NAV/STRUCT DMGD	11427	419-19 STP	17/19
17910	Barefoot Boat Club Daybeacon 8	STRUCT DEST/HAZ NAV	11430	759-14 STP	32/14
17920	Barefoot Boat Club Daybeacon 12	STRUCT DEST	11430	420-19 STP	17/19
18067.2	Port Sanibel Marina Daybeacon 3	DAYMK MISSING	11427	1166-16 STP	45/16
18067.6	Port Sanibel Marina Daybeacon 7	STRUCT DEST	11427	1143-16 STP	43/16
18067.7	Port Sanibel Marina Daybeacon 8	DAYMK DMGD	11427	1199-16 STP	46/16
18067.8	Port Sanibel Marina Daybeacon 9	DAYMK MISSING	11472	1166-16 STP	45/16
18068.3	Port Sanibel Marina Daybeacon 14	DAYMK MISSING	11472	1166-16 STP	45/16
18069.2	Port Sanibel Marina Daybeacon 24	DAYMK MISSING	11427	1166-16 STP	45/16
18069.3	Port Sanibel Marina Daybeacon 26	DAYMK MISSING	11427	1166-16 STP	45/16
18069.7	Port Sanibel Marina Daybeacon 33	DAYMK MISSING	11427	1166-16 STP	45/16
18069.98	Port Sanibel Marina Daybeacon 42	DAYMK MISSING	11427	1166-16 STP	45/16
18296.3	Matanzas Harbor Channel Daybeacon 5	STRUCT DEST	11427	919-19 STP	41/19
18995.01	Estero Pointe Channel Daybeacon 3	DAYMK MISSING	11427	N/A	02/08
20000	Burnt Store Marina Light 2	LT EXT	11425	1037-15 STP	40/15
20015	Burnt Store Marina Daybeacon 5	STRUCT DMGD	11425	1305-17 STP	52/17
20355	Upper Myakka River Daybeacon A	DAYMK IMCH	11426	495-19 STP	20/19
20365	Upper Myakka River Daybeacon 1	DAYMK MISSING	11426	496-19 STP	20/19
20455	Ponce De Leon Park Channel Daybeacon 4	STRUCT DEST	11426	232-20 STP	11/20
20470	Ponce De Leon Park Channel Light 9	LT EXT	11426	231-20 STP	11/20
20500	Isles Channel Light 2	LT EXT	11426	N/A	10/14
20765	Beeney Waterway Daybeacon 3	STRUCT DEST/HAZ NAV	11426	164-20 STP	08/20
20990	Countryman Waterway Channel Daybeacon 3	DAYMK MISSING	11426	579-17 STP	21/17
20995	Countryman Waterway Channel Daybeacon 5	STRUCT DEST/HAZ NAV	11426	039-20 BNM	02/20
21020	Sunrise Waterway Daybeacon 2	STRUCT DEST/HAZ NAV	11426	583-17 STP	22/17
21045	Spring Lake Waterway Daybeacon 3	STRUCT DEST/HAZ NAV	11426	031-20 STP	02/20
21210	Peace River (North Section) Daybeacon 7	OFF STA	11426	1070-19 STP	48/19
21215	Peace River (North Section) Daybeacon 9	OFF STA	11426	1071-19 STP	48/19
21225	Peace River (North Section) Daybeacon 11	OFF STA	11426	1072-19 STP	48/19
21380	Stump Pass Daybeacon 8	STRUCT DEST	11425	255-19 STP	11/19
21400	Stump Pass Marina Daybeacon 4	STRUCT DEST	11425	232-19 STP	11/19
21455.4	Dona Bay Channel Daybeacon 4	DAYMK IMCH	11425	1154-18 STP	49/18
21455.5	Dona Bay Channel Daybeacon 5	STRUCT DEST/HAZ NAV	11425	427-19 STP	18/19
21455.7	Dona Bay Channel Daybeacon 7	STRUCT DEST	11425	446-19 STP	18/19
21456.04	Dona Bay Channel Daybeacon 14	STRUCT DMGD	11425	903-19 STP	40/19
21510	Big Sarasota Pass Daybeacon 11	STRUCT DEST/HAZ NAV/DAYMK MISSING	11425	1180-16 STP	46/16
21510.5	Big Sarasota Pass Daybeacon 11A	OFF STA	11425	357-19 STP	16/19
21525	Big Sarasota Pass Daybeacon 15	DAYMK MISSING	11425	1064-19 STP	47/19

21540	Lido Key Channel Daybeacon 4	STRUCT DMGD	11425	142-19 STP	08/19
21550	Lido Key Channel Daybeacon 6	DAYMK DMGD	11425	140-19 STP	08/19
21555.2	South Lido South Obstruction Daybeacon	STRUCT DEST	11425	049-18 STP	03/18
21556	Lido Key Channel Daybeacon 10	STRUCT DEST/HAZ NAV	11425	1077-18 STP	46/18
21557.5	Lido Key Channel Daybeacon 13	DAYMK IMCH	11425	199-18 STP	11/18
21567.5	Lido Key Channel Daybeacon 16	STRUCT DEST	11425	1047-15 STP	40/15
21570.3	North Siesta Key Daybeacon 5	STRUCT DMGD	11425	374-20 STP	20/20
21660	Country Club Shores Daybeacon 2	DAYMK MISSING	11425	242-19 STP	11/19
21695	Country Club Shores Daybeacon 16	STRUCT DEST/HAZ NAV	11425	654-18 STP	30/18
21700	Country Club Shores Daybeacon 18	STRUCT DEST	11425	1092-13 STP	48/13
21752	Sarasota Basin Obstruction Light A	STRUCT DEST	11425	243-19 STP	11/19
21754	Sarasota Basin Obstruction Daybeacon B	STRUCT DEST	11425	244-19 STP	11/19
22425	Tampa Bay Skyway Pier Southeast Light	LT EXT	11411	993-18 STP	42/18
22430	Tampa Bay Skyway Pier Northeast Light	LT EXT	11411	994-18 STP	42/18
23030	Big Bend Channel West Range Front Light	STRUCT DEST	11416	022-18 STP	02/18
23130	Big Bend Channel East Range Front Light	LT EXT	11416	143-18 STP	09/18
23525	Bulk Liquid Cargo Dolphin 2 Obstruction Light	LT EXT	11416	228-13 STP	11/13
23530	Bulk Liquid Cargo Dolphin 4 Obstruction Light	LT EXT	11416	1152-10 STP	40/10
23605	Port Sutton Light	STRUCT DEST	11416	230-13 STP	11/13
23610	Marathon Petroleum West Light	LT EXT	11416	N/A	44/10
23814	Rattlesnake Channel Daybeacon A	DAYMK IMCH	11416		05/19
23814.2	Westshore Yacht Club Daybeacon 4	STRUCT DEST	11416	322-17 STP	13/17
24055	Bridgeview Channel Daybeacon 4	STRUCT DEST	11416	442-07 STP	12/04
24435	Cross Bayou Daybeacon 3	DAYMK DMGD	11416	829-19 STP	35/19
24500	Little Harbor Channel Daybeacon 2	STRUCT DEST	11416	917-19 STP	40/19
24610	Apollo Beach Light 1	STRUCT DEST	11416	1198-18 STP	51/18
24610.1	Apollo Beach Light 2	STRUCT DMGD	11416	1106-15 STP	43/15
24663	Harbor Channel Daybeacon 1	STRUCT DEST	11416	359-20 STP	18/20
24665	North Apollo Beach Daybeacon 1	STRUCT DEST	11416	031-18 MIA	03/18
24670	North Apollo Beach Daybeacon 2	STRUCT DEST	11416	1195-18 STP	51/18
24765	Little Bayou Approachroach Daybeacon 3	DAYMK MISSING	11416	216-17 STP	08/17
24780	Little Bayou Approachroach Daybeacon 9	STRUCT DEST	11416	763-19 STP	31/19
24835	Coquina Key Cut Daybeacon 3	STRUCT DEST	11415	636-19 STP	26/19
24850	Coquina Key Cut Daybeacon 8	STRUCT DEST/HAZ NAV	11415	358-20 STP	18/20
24860	Coquina Key Cut Daybeacon 10	DAYMK MISSING	11415	705-19 STP	28/19
24875	Big Bayou Daybeacon 4	DAYMK MISSING	11416	635-19 STP	26/19
24900	Big Bayou Daybeacon 9	STRUCT DEST	11416	931-19 STP	41/19
25009.2	St. Petersburg Mooring Field Buoy C	MISSING	11415	764-19 STP	31/19
25026.2	Smacks Bayou Daybeacon 16	STRUCT DEST	11416	263-19 STP	12/19
25031	Shore Acres Daybeacon 2	STRUCT DEST	11416	766-19 STP	31/19
25033.5	Shore Acres Daybeacon 6	STRUCT DEST	11416	765-19 STP	31/19
25125	Bayou Grande Channel Daybeacon 25	STRUCT DEST	11416	956-19 STP	42/19
25245	Bayou Grande Channel Daybeacon 51	STRUCT DEST/HAZ NAV	11416	667-19 STP	27/19
25535	South Dents Channel Daybeacon 2	STRUCT DEST	11411	1291-16 STP	49/16
25650	Big Bird Key Daybeacon 1	STRUCT DEST	11411	382-19 STP	16/19

25955	Dunedin Marina Daybeacon 2	DAYMK MISSING		566-19 STP	23/19
26000	**Hurricane Pass Buoy 6**	**MISSING**	**11411**	**387-20 STP**	**21/20**
26410	Gulf Harbors South Channel Light 1	LT EXT	11409	438-18 STP	24/18
26415	Gulf Harbors South Channel Daybeacon 3	STRUCT DEST/HAZ NAV		203-19 STP	10/19
26451.8	Sea Forest Cut Channel Daybeacon 9	STRUCT DEST/HAZ NAV	11411	1047-19 STP	47/19
26455	Gulf Harbors North Channel Daybeacon 1	OFF STA		158-19 STP	09/19
26460	Gulf Harbors North Channel Light 2	LT EXT	11411	913-19 STP	40/19
26470	Gulf Harbors North Channel Daybeacon 4	STRUCT DEST/HAZ NAV		1023-17 STP	38/17
26805	Pithlachascottee River Daybeacon 56	STRUCT DEST		1127-19 STP	50/19
27015	Hudson Creek Light 2	STRUCT DEST/HAZ NAV	11409	217-17 STP	08/17
27070	Hudson Creek Daybeacon 16	STRUCT DEST/HAZ NAV	11409	842-19 STP	35/19
27130	Hudson Beach Park Daybeacon 5	STRUCT DEST	11409	752-19 STP	30/19
27142.1	Hudson Beach Park Daybeacon 9	STRUCT DEST/HAZ NAV	11409	602-18 STP	28/18
27160	Sea Pines Channel Daybeacon 7	DAYMK MISSING	11409	517-19 STP	21/19
27245	Sea Pines Channel Daybeacon 26	STRUCT DEST/HAZ NAV	11409	270-20 STP	13/20
27660	Hernando Beach Channel Daybeacon 34	STRUCT DEST/HAZ NAV	11409	556-19 STP	23/19
27665	Hernando Beach Channel Daybeacon 36	STRUCT DMGD	11409	251-20 STP	12/20
28951.8	Crystal River Daybeacon 21	STRUCT DEST	11409	249-20 STP	12/20
28952.8	Crystal River Daybeacon 26	STRUCT DMGD	11409	719-19 STP	29/19
28953.4	Crystal River Daybeacon 29	STRUCT DMGD	11409		20/19
28960	Florida Power Corporation Channel Light 3	DAYMK MISSING	11408	962-16 STP	37/16
28960	Florida Power Corporation Channel Light 3	LT IMCH	11408	539-16 STP	19/16
28965	Florida Power Corporation Channel Light 4	DAYMK MISSING	11408	962-16 STP	37/16
28965	Florida Power Corporation Channel Light 4	LT IMCH	11408	539-16 STP	19/16
29020	Florida Power Corporation Channel Light 17	LT IMCH	11408	539-16 STP	19/16
29150	Florida Power Corporation Channel Light 47	LT IMCH	11408	539-16 STP	19/16
29155	Florida Power Corporation Channel Light 48	LT IMCH	11408	539-16 STP	19/16
29665	Waccasassa Bay And River Daybeacon 5	STRUCT DEST	11408	107-17 STP	06/17
29675	Waccasassa Bay And River Daybeacon 9	STRUCT DEST	11408	107-17 STP	06/17
29680	Waccasassa Bay And River Daybeacon 11	STRUCT DMGD	11408	107-17 STP	06/17
29685	Waccasassa Bay And River Daybeacon 13	STRUCT DEST	11408	107-17 STP	06/17
29690	Waccasassa Bay And River Daybeacon 15	STRUCT DEST	11408	107-17 STP	06/17
29695	Waccasassa Bay And River Daybeacon 17	STRUCT DMGD	11408	107-17 STP	06/17
29705	Waccasassa Bay And River Daybeacon 21	STRUCT DEST	11408	107-17 STP	06/17
29710	Waccasassa Bay And River Daybeacon 23	DAYMK DMGD	11408	107-17 STP	06/17
29720	Waccasassa Bay And River Daybeacon 25	STRUCT DEST	11408	107-17 STP	06/17
29725	Waccasassa Bay And River Daybeacon 27	DAYMK MISSING/STRUCT DMGD	11408	107-17 STP	06/17
29735	Waccasassa Bay And River Daybeacon 30	STRUCT DEST/HAZ NAV	11408		42/16
29740	Waccasassa Bay And River Daybeacon 32	STRUCT DMGD	11408	107-17 STP	06/17

30200	Suwannee River Mcgriff Pass Daybeacon 7	STRUCT DEST	11408		23/14
30245	Suwannee River Mcgriff Pass Daybeacon 28	STRUCT DEST	11408		20/14
30736.4	Bahia De San Juan FAD Lighted Buoy E	MISSING	25668	196-18 SJN	33/18
30736.5	Bahia De San Juan FAD Lighted Buoy F	MISSING	25668	197-18 SJN	33/18
30825	Tmt Outer Dolphin Obstruction Light	LT EXT	25670	231-07 SJN	36/07
30830	Tmt Middle Dolphin Obstruction Light	LT EXT	25670	320-05 SJN	47/05
30920	Isla Grande Pier 16 Southeast Light	LT EXT	25670	046-19 SJN	34/19
31240	Isleta Marina Pier A Light	LT EXT	25667		17/17
31245	Isleta Marina Pier B Light	LT EXT	25667		17/17
31250	Isleta Marina Pier C Light	LT EXT	25667		17/17
31255	Isleta Marina Pier D Light	LT EXT	25667	188-11 SJN	31/11
31275	Isla Palominos Marina Buoy 2	MISSING	25667	087-13 SJN	22/13
31335.1	Puerto Del Ray North Channel Lighted Buoy 6	OFF STA	25663	237-13 SJN	50/13
31590	Vieques Naval Pier Light (2)	LT EXT	25664	085-16 SJN	18/16
31595	Vieques Naval Breakwater Light	LT EXT	25664	084-16 SJN	18/16
31683	North St Thomas Lighted Buoy H	OFF STA	25640	088-17 SJN	13/17
31745	Puerto Yabucoa Channel Range Front Light	LT EXT/STRUCT DMGD	25661		40/17
31750	Puerto Yabucoa Channel Range Rear Light	LT EXT/STRUCT DMGD	25661		40/17
31890	Aguirre Power Plant Lighted Buoy 1	OFF STA	25687		16/19
31895	Aguirre Power Plant Lighted Buoy 2	OFF STA	25687		16/19
31900	Aguirre Power Plant Lighted Buoy 3	OFF STA	25687		16/19
31905	Aguirre Power Plant Lighted Buoy 4	OFF STA	25687		16/19
31910	Aguirre Power Plant Lighted Buoy 5	OFF STA	25687		16/19
31915	Aguirre Power Plant Lighted Buoy 6	OFF STA	25687		16/19
31920	Aguirre Power Plant Lighted Buoy 8	OFF STA	25687		16/19
31927	Ponce Yacht & Fishing Club Special Purpose Buoy A	MISSING	25683		15/19
31940	Rio Bucana East Jetty Light	STRUCT DEST	25683		15/19
31985	Ponce Harbor Pier Obstruction Lights (4)	STRUCT DMGD	25683		15/19
32030	Bahia De Tallaboa Light 7A	LT EXT	25681	023-10 SJN	08/10
32030	Bahia De Tallaboa Light 7A	LT EXT	25681		24/19
32160	PPG Industries Lighted Buoy 3	OFF STA	25681	222-18 SJN	19/18
32401	CariCOOS Wave Buoy D	ADRIFT	25671		40/17
32425	Redhook Bay Buoy 2	OFF STA	25647	268-18 SJN	52/18
32626.2	Water Island Channel Lighted Buoy 3	LT EXT	25649	162-15 SJN	39/15
32680	Johnson Reef Buoy JA	OFF STA	25647	068-15 SJN	21/15
32680.1	Johnson Reef Lighted Buoy JB	DAYMK IMCH	25647	207-08 SJN	34/08
32680.1	Johnson Reef Lighted Buoy JB	LT EXT	25647	038-16 SJN	08/16
32680.3	Johnson Reef Lighted Buoy JD	LT EXT	25647	204-15 SJN	46/15
32785	Cruz Bay Buoy 2	OFF STA	25647	230-17 SJN	37/17
32950	Christiansted Schooner Channel Lighted Buoy 5	LT EXT	25645	020-17 SJN	04/17
32950	Christiansted Schooner Channel Lighted Buoy 5	OFF STA	25645	031-17 SJN	01/17
32955	Christiansted Schooner Channel Lighted Buoy 6	LT EXT	25645	028-17 SJN	01/17
32980	Christiansted Schooner Channel Lighted Buoy 10	LT EXT	25645	029-17 SJN	01/17
32985	Christiansted Schooner Lighted Buoy 11	LT EXT	25645	030-17 SJN	01/17

33015	Devcon International Channel Buoy 5	OFF STA	25645	012-17 SJN	04/17
33053	North Lang Bank Fad Lighted Buoy B	OFF STA	25641	030-09 SJN	07/09
33200	Lime Tree Bay Port Basin Light 15	STRUCT DEST	25641	182-18 SJN	31/18
33210	Krause Lagoon Channel Entrance Lighted Buoy 1	TRLB	25641	174-16 SJN	42/16
35015	Dawhoo Fishing Pier Obstruction Light	STRUCT DMGD	11517	208-11 CHA	30/11
35420	Marsh Harbor Marina Daybeacon 3	DAYMK MISSING	11518		18/19
35425	Marsh Harbor Marina Daybeacon 4	DAYMK MISSING	11518	126-13 CHA	19/13
35430	Marsh Harbor Marina Daybeacon 5	DAYMK MISSING	11518		18/19
35585	Trenchards Inlet Tide Gauge Daybeacon	DAYMK IMCH	11516	N/A	03/04
35590	Station Creek West Tide Gauge Daybeacon	Status Unreported	11516	N/A	03/04
35630	Ribaut Island Dock Light G	LT EXT	11507	N/A	04/05
36241.1	Delegal Creek Channel Light 8	LT EXT	11507		39/15
37140	Jove Creek Northwest Obstruction Daybeacon	DAYMK DMGD	11506	182-14 CHA	27/14
38834	Fdot Villano Bridge South Breasting Light	LT EXT	11485	208-18 JAX	49/18
38845	Camachee Cove Range Front Light	LT EXT	11485	060-14 JAX	08/14
38940	Salt Run Daybeacon 6	DAYMK DMGD	11485	002-19 JAX	02/19
39052	FDOT Bridge Of Lions North Breasting Light	LT EXT	11485	206-18 JAX	49/18
39052	FDOT Bridge Of Lions North Breasting Light	LT IMCH	11485	137-14 JAX	19/14
39053	FDOT Bridge Of Lions C Breasting Light	LT IMCH	11485	138-14 JAX	19/14
39053	FDOT Bridge Of Lions C Breasting Light	LT IMCH	11485	206-18 JAX	49/18
39054	FDOT Bridge Of Lions South Breasting Light	LT EXT	11485	206-18 JAX	49/18
39054	FDOT Bridge Of Lions South Breasting Light	LT IMCH	11485	139-14 JAX	19/14
39080	Fish Island Marina Daybeacon 1	DAYMK MISSING	11485	136-19 JAX	25/19
39908	Ormond Beach Daybeacon 1	DAYMK MISSING	11485	165-17 JAX	28/17
39910	Ormond Beach Daybeacon 2	DAYMK MISSING	11485	165-17 JAX	28/17
39915	Ormond Beach Daybeacon 3	DAYMK MISSING	11485	165-17 JAX	28/17
39920	Ormond Beach Daybeacon 4	DAYMK MISSING	11485	165-17 JAX	28/17
39925	Ormond Beach Daybeacon 5	DAYMK MISSING	11485	165-17 JAX	28/17
39930	Ormond Beach Daybeacon 6	DAYMK MISSING	11485	165-17 JAX	28/17
39935	Ormond Beach Daybeacon 7	DAYMK MISSING	11485	165-17 JAX	28/17
39940	Ormond Beach Daybeacon 8	DAYMK MISSING	11485	165-17 JAX	28/17
39945	Ormond Beach Daybeacon 9	DAYMK MISSING	11485	165-17 JAX	28/17
40055	Halifax Harbor Daybeacon 1	DAYMK MISSING	11485	140-19 JAX	25/19
40135	Boat Works Channel Daybeacon 2	DAYMK MISSING	11485	073-19 JAX	16/19
40150	Boat Works Channel Daybeacon 5	DAYMK MISSING	11485	073-19 JAX	16/19
40250	Matthews Marina Daybeacon 1	STRUCT DEST	11485	069-19 JAX	16/19
40250	Matthews Marina Daybeacon 1	STRUCT DEST	11485	414-12 JAX	47/12
40260	Matthews Marina Daybeacon 3	DAYMK IMCH	11485	070-19 JAX	15/19
40270	Matthews Marina Daybeacon 5	DAYMK MISSING	11485	071-19 JAX	15/19
40330	Seven Seas Marina Daybeacon 11	DAYMK MISSING	11485	072-19 JAX	15/19
40365	Adventure Yacht Harbor Daybeacon 4	DAYMK MISSING	11485	048-19 JAX	12/19
40385	Adventure Yacht Harbor Daybeacon 8	DAYMK MISSING	11485	048-19 JAX	12/19
40390	Adventure Yacht Harbor Daybeacon 9	DAYMK MISSING	11485	048-19 JAX	12/19
40410	Adventure Yacht Harbor Junction Daybeacon	DAYMK IMCH	11485	048-19 JAX	12/19
40775	Smyrna Yacht Club Daybeacon 3	DAYMK DMGD	11485	093-13 JAX	14/13

41245	Harbor Towne Marina Daybeacon 2	STRUCT DEST	11485	037-20 JAX	09/20
41250	Harbor Towne Marina Daybeacon 4	STRUCT DEST	11485		09/20
41265	Harbor Towne Marina Daybeacon 9	DAYMK MISSING	11485	039-20 JAX	09/20
41295	Riverdeck Channel Daybeacon 1	STRUCT DEST	11485	040-20 JAX	09/20
41300	Riverdeck Channel Daybeacon 2	STRUCT DEST	11485	041-20 JAX	09/20
41305	Riverdeck Channel Daybeacon 3	STRUCT DEST	11485	042-20 JAX	09/20
41310	Riverdeck Channel Daybeacon 4	STRUCT DEST	11485	043-20 JAX	09/20
41345	Kennedy Yacht Club Channel Daybeacon 1	DAYMK MISSING	11485	033-20 JAX	09/20
41350	Kennedy Yacht Club Channel Daybeacon 2	DAYMK MISSING	11485	034-20	09/20
41355	Kennedy Yacht Club Channel Daybeacon 3	DAYMK IMCH	11485		09/20
41360	Kennedy Yacht Club Channel Daybeacon 4	DAYMK IMCH	11485	036-20 JAX	09/20
41365	Kennedy Yacht Club Channel Daybeacon 5	STRUCT DEST	11485	293-19 JAX	51/19
41375	Kennedy Yacht Club Channel Daybeacon 7	STRUCT DEST	11485	171-17 JAX	29/17
41380	Kennedy Yacht Club Channel Daybeacon 8	STRUCT DEST	11485	294-19 JAX	51/19
41385	Kennedy Yacht Club Channel Daybeacon 9	STRUCT DEST	11485	295-19 JAX	51/19
41390	Kennedy Yacht Club Channel Daybeacon 10	STRUCT DEST	11485	296-19 JAX	51/19
41445	Orlando Utilities Comission Channel Buoy 2	MISSING	11485	297-19 JAX	51/19
41450	Orlando Utilities Comission Channel Buoy 4	MISSING	11485	298-19 JAX	51/19
41455	Orlando Utilities Comission Channel Buoy 5	MISSING	11485	044-20 JAX	09/20
41460	Orlando Utilities Comission Channel Buoy 6	MISSING	11485	299-19 JAX	51/19
41465	Orlando Utilities Comission Channel Buoy 7	MISSING	11485	300-19 JAX	51/19
41470	Orlando Utilities Comission Channel Buoy 8	MISSING	11485	301-19 JAX	51/19
41495	Jones Point Channel Buoy 1	MISSING	11485	045-20 JAX	09/20
41500	Jones Point Channel Buoy 2	MISSING	11485	046-20 JAX	09/20
42135	Indian Cove Marina Daybeacon 2	DAYMK DMGD	11485	N/A	40/07
42250	Indian River Yacht Club Race Course Buoy D	MISSING	11485	212-12 JAX	21/12
42290	Diamond 99 Marina Daybeacon 1	DAYMK MISSING	11485	150-19 JAX	28/19
42295	Diamond 99 Marina Daybeacon 2	DAYMK IMCH	11485	151-19 JAX	28/19
42300	Diamond 99 Marina Daybeacon 3	DAYMK MISSING	11472	152-19 JAX	28/19
42305	Diamond 99 Marina Daybeacon 4	DAYMK MISSING	11472	153-19 JAX	28/19
42310	Diamond 99 Marina Daybeacon 5	STRUCT DEST	11472	154-19 JAX	28/19
42315	Diamond 99 Marina Daybeacon 6	DAYMK MISSING	11472	155-19 JAX	28/19
42320	Diamond 99 Marina Daybeacon 7	DAYMK MISSING	11472	156-19 JAX	28/19
42325	Diamond 99 Marina Light 8	STRUCT DEST	11472	157-19 JAX	28/19
42370	Samsons Park South Channel Daybeacon 1	DAYMK IMCH	11472	129-19 JAX	25/19
42375	Samsons Park South Channel Daybeacon 2	DAYMK IMCH	11472	130-19 JAX	25/19
42380	Samsons Park South Channel Daybeacon 3	DAYMK IMCH	11472	131-19 JAX	25/19
42385	Samsons Park South Channel Daybeacon 4	DAYMK IMCH	11472	132-19 JAX	25/19
42390	Samsons Park South Channel Daybeacon 5	DAYMK IMCH	11472	133-19 JAX	25/19
42395	Samsons Park South Channel Daybeacon 6	DAYMK IMCH	11472	134-19 JAX	25/19

42450	Tortoise Island Ctr Channel Daybeacon 2	DAYMK IMCH	11472		28/19
42460	Tortoise Island Center Channel Daybeacon 4	DAYMK IMCH	11472	161-19 JAX	28/19
42460.1	Tortoise Island Center Channel Daybeacon 5	DAYMK IMCH	11472	162-19 JAX	28/19
42460.2	Tortoise Island Center Channel Daybeacon 6	DAYMK IMCH	11472	163-19 JAX	28/19
42460.3	Tortoise Island Center Channel Daybeacon 7	DAYMK IMCH		164-19 JAX	28/19
42460.4	Tortoise Island Center Channel Daybeacon 8	DAYMK IMCH	11472	165-19 JAX	28/19
42492	Manatee Cove Marina Range Rear Light	LT EXT	11476	086-12 JAX	11/12
42615	Pelican Creek Light 2	LT EXT	11476	064-17 JAX	09/17
42620	Pelican Creek Daybeacon 3	DAYMK DMGD	11476	103-11 JAX	13/11
42625	Pelican Creek Daybeacon 4	DAYMK MISSING	11476	064-17 JAX	09/17
42630	Pelican Creek Daybeacon 5	DAYMK IMCH	11476	064-17 JAX	09/17
42635	Pelican Creek Daybeacon 6	STRUCT DEST	11476	064-17 JAX	09/17
42660	Pelican Creek Daybeacon 11	DAYMK IMCH	11476	064-17 JAX	09/17
42670	Pelican Creek Daybeacon 13	DAYMK IMCH	11476	064-17 JAX	09/17
42830	Central Avenue Entrance Channel Light 2	LT EXT	11476	232-15 JAX	42/15
42855	Central Avenue Entrance Channel Daybeacon 7	STRUCT DEST	11476	141-14 JAX	19/14
42945	Sandpiper Channel Light 2	LT EXT	11476	134-14 JAX	19/14
43035	Kelly Park Channel Daybeacon 2	STRUCT DEST/HAZ NAV	11476	055-18 JAX	12/18
43040	Kelly Park Channel Daybeacon 3	DAYMK MISSING	11476	322-16 JAX	48/16
43045	Kelly Park Channel Daybeacon 4	STRUCT DEST	11476	060-18 JAX	13/18
43050	Kelly Park Channel Daybeacon 5	DAYMK MISSING	11476	322-16 JAX	48/16
43115	Intracoastal Marina Channel Daybeacon 1	DAYMK MISSING	11476		18/15
43120	Intracoastal Marina Channel Daybeacon 2	STRUCT DMGD	11476	204-13 JAX	29/13
43125	Intracoastal Marina Channel Daybeacon 3	DAYMK MISSING	11476		18/15
43130	Intracoastal Marina Channel Daybeacon 4	STRUCT DEST	11476	124-12 JAX	15/12
43135	Intracoastal Marina Channel Daybeacon 5	DAYMK MISSING	11476	282-14 JAX	44/14
43140	Intracoastal Marina Channel Daybeacon 6	DAYMK MISSING	11476		18/15
43150	Intracoastal Marina Channel Daybeacon 8	DAYMK MISSING	11476		18/15
43155	Intracoastal Marina Channel Daybeacon 9	DAYMK MISSING	11476		18/15
43165	Intracoastal Marina Channel Daybeacon 12	DAYMK MISSING	11476		18/15
43272.2	Turkey Creek Daybeacon 22	STRUCT DEST	11472	028-19 JAX	09/19
43615	Inlet Marina Daybeacon 1	DAYMK MISSING	11476	187-16 MIA	37/16
43620	Inlet Marina Daybeacon 2	DAYMK MISSING	11476	186-16 MIA	37/16
43625	Inlet Marina Daybeacon 3	DAYMK MISSING	11476	186-16 MIA	37/16
43630	Inlet Marina Daybeacon 4	DAYMK MISSING	11476	186-16 MIA	37/16
43630.7	Sembler Marina North Channel Daybeacon 8	DAYMK MISSING	11472	059-13 MIA	08/13
43635	Sembler Daybeacon 1	DAYMK MISSING	11476	062-13 MIA	08/13
43640	Sembler Daybeacon 2	DAYMK MISSING	11476	061-13 MIA	08/13
43645	Sembler Daybeacon 3	DAYMK MISSING	11476	192-16 MIA	39/16
43650	Sembler Daybeacon 4	DAYMK MISSING	11476	193-16 MIA	39/16
43655	Sembler Daybeacon 5	DAYMK MISSING	11476	194-16 MIA	39/16

43685.1	Channel 68 Marina Daybeacon 1 (Abandoned)	STRUCT DEST/HAZ NAV	11472	188-16 MIA	37/16
43685.2	Channel 68 Marina Daybeacon 2 (Abandoned)	STRUCT DEST	11472	188-16 MIA	37/16
43685.6	Channel 68 Marina Daybeacon 6 (Abandoned)	STRUCT DEST	11472	188-16 MIA	37/16
43720	River Run Daybeacon 5	DAYMK MISSING	11472		38/16
44015	Loggerhead Marina Daybeacon 10	DAYMK MISSING	11472	176-16 MIA	42/16
44245	Vero Marine Center Buoy 8A	MISSING	11476	275-12 MIA	39/12
44250	Vero Marine Center Buoy 8B	MISSING	11476	276-12 MIA	39/12
44395	Vero Isles Daybeacon 1	STRUCT DEST	11476	116-17 MIA	20/17
44400	Vero Isles Daybeacon 2	STRUCT DEST/HAZ NAV	11476	116-17 MIA	20/17
44415	Vero Isles Daybeacon 6	DAYMK IMCH	11476	116-17 MIA	20/17
44420	Vero Isles Daybeacon 7	STRUCT DEST	11476	116-17 MIA	20/17
44740	Vero Shores Daybeacon 7	DAYMK MISSING	11476	117-17 MIA	20/17
44750	Vero Shores Daybeacon 9	STRUCT DEST	11476	117-17 MIA	20/17
44945	Queens Cove Daybeacon 10	STRUCT DEST/HAZ NAV	11476	199-16 MIA	42/16
44985	Village Marina Daybeacon 2	STRUCT DEST	11476	112-16 MIA	22/16
45035	Riverside Marina (Ft. Pierce) Daybeacon 1	STRUCT DEST	11476	113-16 MIA	22/16
45050	Riverside Marina(Ft. Pierce) Daybeacon 4	DAYMK IMCH	11476	114-16 MIA	22/16
45055	Riverside Marina(Ft. Pierce) Daybeacon 5	STRUCT DEST	11476	115-16 MIA	22/16
45065	Riverside Marina(Ft. Pierce) Daybeacon 7	DAYMK MISSING	11476	116-16 MIA	22/16
45070	Riverside Marina(Ft. Pierce) Daybeacon 8	DAYMK MISSING	11476	117-16 MIA	22/16
45135	Faber Cove Daybeacon 3	STRUCT DEST/HAZ NAV	11476	078-18 MIA	14/18
45185	Faber Cove Daybeacon 14	STRUCT DEST	11476	094-16 MIA	17/16
45395	Island Dunes Marina Daybeacon 2	DAYMK MISSING	11472	114-17 MIA	44/11
45400	Island Dunes Marina Daybeacon 3	DAYMK MISSING	11472	114-17 MIA	44/11
45405	Island Dunes Marina Daybeacon 4	DAYMK MISSING	11472	114-17 MIA	44/11
45410	Island Dunes Marina Daybeacon 5	DAYMK MISSING	11472	114-17 MIA	44/11
45615	Rigels Cove Channel Daybeacon 7	DAYMK IMCH	11472	244-15 MIA	30/15
45710	Outrigger Harbour Daybeacon 1	STRUCT DEST	11472	014-20 MIA	04/20
45820	Ind River Plantation Marina Channel Daybeacon 1	STRUCT DEST/HAZ NAV	11472	163-15 MIA	17/15
45825	Ind River Plantation Marina Channel Daybeacon 2	STRUCT DMGD	11472	098-19 MIA	25/19
45863	Breakwater Danger Daybeacon A	DAYMK MISSING	11472	101-17 MIA	17/17
45863.1	Breakwater Danger Daybeacon B	DAYMK MISSING	11472	101-17 MIA	17/17
45885	Sewalls Point Daybeacon 1	DAYMK MISSING	11472	430-13 MIA	52/13
45890	Sewalls Point Daybeacon 2	DAYMK MISSING	11472	429-13 MIA	52/13
45895	Sewalls Point Daybeacon 3	STRUCT DEST	11472	430-13 MIA	52/13
45900	Sewalls Point Daybeacon 4	DAYMK MISSING	11472	431-13 MIA	52/13
45980	Miles Grant Daybeacon 2	DAYMK IMCH	11476		29/16
45990	Miles Grant Daybeacon 4	DAYMK IMCH	11476	152-16 MIA	29/16
45995	Miles Grant Daybeacon 6	DAYMK IMCH	11476	153-16 MIA	29/16
46270	Loxahatchee River Daybeacon 5	STRUCT DEST/HAZ NAV	11472	037-20 MIA	11/20
46300	Loxahatchee River Light 11	STRUCT DEST		171-19 MIA	38/19
46312	Loxahatchee River Daybeacon 13	HAZ NAV/STRUCT DMGD	11472	166-18 MIA	26/18
46351	Loxahatchee River North Fork Buoy 9	STRUCT DEST	11472	355-15 MIA	52/15
46440	Old Port Cove Daybeacon 1	STRUCT DEST	11472	029-18 MIA	05/18
46680	Old Slip Marina Daybeacon 4	STRUCT DEST/HAZ NAV	11476	302-15 MIA	40/15

47007	Manalapan Channel Buoy 1	STRUCT DEST	11467	028-17 MIA	06/17
47007.5	Manalapan Channel Daybeacon 2	STRUCT DEST	11467	030-17 MIA	06/17
47008	Manalapan Channel Buoy 2	STRUCT DEST	11467	029-17 MIA	06/17
47008.5	Manalapan Channel Daybeacon 3	STRUCT DEST	11467	031-17 MIA	06/17
47050	Ocean Inlet Park Daybeacon 3	MISSING	11467	048-16 MIA	10/16
47055	Ocean Inlet Park Daybeacon 4	STRUCT DEST	11467	049-16 MIA	10/16
47060	Ocean Inlet Park Daybeacon 5	STRUCT DEST	11467	050-16 MIA	10/16
47065	Ocean Inlet Park Daybeacon 6	STRUCT DEST	11467	051-16 MIA	10/16
47070	Ocean Inlet Park Daybeacon 7	STRUCT DEST	11467	052-16 MIA	10/16
47075	Ocean Inlet Park Daybeacon 8	STRUCT DEST	11467	053-16 MIA	10/16
47460	Pier 66 Marina Daybeacon 1	STRUCT DEST	11467	091-19 MIA	20/10
47640	Golden Gates Marina South Obstruction Light	LT IMCH	11467	N/A	42/07
47645	Williams Island Daybeacon 1	STRUCT DEST	11467	142-17 MIA	26/17
47650	Williams Island Daybeacon 3	DAYMK MISSING	11467	144-17 MIA	26/17
47655	Williams Island Daybeacon 4	DAYMK IMCH	11467	145-17 MIA	26/17
47660	Williams Island Daybeacon 5	STRUCT DEST	11467	076-19 MIA	21/19
47665	Williams Island Daybeacon 6	STRUCT DEST	11467	146-17 MIA	26/17
47680	Williams Island Daybeacon 10	STRUCT DEST	11467	147-17 MIA	26/17
47685	Williams Island Light 1	STRUCT DEST	11467	077-19 MIA	21/19
47690	Williams Island Light 2	STRUCT DEST	11467	143-17 MIA	26/17
47737.1	Intracoastal Yacht Club Channel Daybeacon 7	DAYMK MISSING	11467	155-18 MIA	25/18
47737.2	Intracoastal Yacht Club Channel Daybeacon 8	DAYMK MISSING	11467	156-18 MIA	25/18
47737.3	Intracoastal Yacht Club Channel Daybeacon 9	DAYMK MISSING	11467	157-18 MIA	25/18
47737.4	Intracoastal Yacht Club Channel Daybeacon 10	DAYMK MISSING	11467	158-18 MIA	25/18
47737.5	Intracoastal Yacht Club Channel Daybeacon 11	DAYMK MISSING	11467	159-18 MIA	25/18
47737.6	Intracoastal Yacht Club Channel Daybeacon 12	DAYMK MISSING	11467	160-18 MIA	25/18
47737.7	Intracoastal Yacht Club Channel Daybeacon 13	DAYMK MISSING	11467	161-18 MIA	25/18
47875	Keystone Point Channel Daybeacon 14	STRUCT DEST/HAZ NAV	11467	049-20 MIA	17/20
47890	Mariners Bay Daybeacon 1	DAYMK DMGD/STRUCT DMGD	11467	152-18 MIA	25/18
47895	Mariners Bay Daybeacon 3	STRUCT DEST	11467	153-18 MIA	25/18
47900	Mariners Bay Daybeacon 5	DAYMK MISSING	11467	154-18 MIA	25/18
47923	Jockey Club Marina Daybeacon 2	DAYMK MISSING	11467	049-19 MIA	18/19
47923	Jockey Club Marina Daybeacon 2	STRUCT DMGD	11467	N/A	04/17
47924	Jockey Club Marina Daybeacon 3	STRUCT DEST	11467	049-19 MIA	18/19
47925	Jockey Club Marina Daybeacon 4	DAYMK MISSING	11476	049-19 MIA	18/19
47925	Jockey Club Marina Daybeacon 4	STRUCT DMGD	11476	N/A	04/17
47930	Jockey Club Marina Daybeacon 5	STRUCT DEST	11467	N/A	04/17
47935	Jockey Club Marina Daybeacon 6	STRUCT DEST	11467	N/A	04/17
47940	Jockey Club Marina Daybeacon 7	STRUCT DEST	11467	N/A	04/17
47945	Jockey Club Marina Daybeacon 8	DAYMK IMCH	11467	049-19 MIA	18/19
47945	Jockey Club Marina Daybeacon 8	STRUCT DEST	11467	N/A	04/17
47950	Jockey Club Marina Daybeacon 9	STRUCT DEST	11467	N/A	04/17
47953	Jockey Club Marina Daybeacon 10	STRUCT DEST	11467	N/A	04/17
47954	Jockey Club Marina Daybeacon 11	STRUCT DEST	11467	N/A	04/17
47955	Jockey Club Marina Daybeacon 13	DAYMK MISSING	11467	049-19 MIA	18/19
47955	Jockey Club Marina Daybeacon 13	STRUCT DEST	11467	N/A	04/17

47960	Jockey Club Marina Daybeacon 15	DAYMK IMCH	11467	049-19 MIA	18/19
47960	Jockey Club Marina Daybeacon 15	STRUCT DEST	11467	N/A	04/17
47965	Jockey Club Marina Daybeacon 17	DAYMK IMCH	11467	049-19 MIA	18/19
47965	Jockey Club Marina Daybeacon 17	STRUCT DEST	11467	N/A	04/17
48110	Sunset Harbour Channel Light 8	LT EXT	11468	239-18 MIA	47/18
48125	Sunset Harbour Channel Light 11	LT IMCH	11468	160-16 MIA	30/16
48220	Mike Gordon Restaurant Daybeacon 1	STRUCT DEST	11476	149-17 MIA	26/17
48225	Mike Gordon Restaurant Daybeacon 2	STRUCT DEST/HAZ NAV	11476	138-16 MIA	27/16
48230	Mike Gordon Restaurant Daybeacon 3	DAYMK MISSING	11476	151-17 MIA	26/17
48290	Palm Bay Club Channel Daybeacon 2	DAYMK MISSING	11467	128-17 MIA	22/17
48300	Palm Bay Club Channel Daybeacon 4	DAYMK MISSING	11467	128-17 MIA	22/17
48305	Palm Bay Club Channel Daybeacon 5	DAYMK IMCH	11467	128-17 MIA	22/17
48310	Palm Bay Club Channel Daybeacon 6	DAYMK DMGD	11467	128-17 MIA	22/17
48315	Palm Bay Club Channel Daybeacon 7	DAYMK MISSING	11467	128-17 MIA	22/17
48320	Palm Bay Club Channel Daybeacon 8	DAYMK MISSING	11467	128-17 MIA	22/17
48420	Sea Isle Marina Daybeacon 5	DAYMK MISSING	11468	013-17 MIA	04/17
48500	Claughton Island North Obstruction Daybeacon	DAYMK DMGD	11465	330-06 MIA	27/06
48505	Claughton Island Middle Obstruction Daybeacon	DAYMK MISSING	11465	637-04 MIA	51/04
48510	Claughton Island South Obstruction Daybeacon	STRUCT DEST	11465	235-13 MIA	28/13
48610	Deering Channel Daybeacon 1	STRUCT DEST	11465	113-19 MIA	26/19
48620	Deering Channel Daybeacon 3	DAYMK MISSING	11465	114-19 MIA	26/19
48625	Deering Channel Daybeacon 4	DAYMK MISSING	11465	115-19 MIA	26/19
48640	Deering Channel Daybeacon 7	DAYMK MISSING	11465	116-19 MIA	26/19
48645	Deering Channel Daybeacon 8	DAYMK MISSING	11465	117-19 MIA	26/19
48650	Deering Channel Daybeacon 9	DAYMK MISSING	11465	118-19 MIA	26/19
48665	Grove Island Channel Daybeacon 1A	STRUCT DEST	11467	047-17 MIA	08/17
48750	L'Hermitage Light 1	DAYMK MISSING	11465	160-17 MIA	28/17
48755	L'Hermitage Light 2	DAYMK MISSING	11465	161-17 MIA	28/17
48765	L'Hermitage Daybeacon 4	DAYMK MISSING	11465	162-17 MIA	28/17
48780	Crandon Park Marina Channel Light 1	STRUCT DEST	11465	003-19 MIA	03/19
48810	Crandon Park Marina Channel Daybeacon 7	STRUCT DEST	11467	165-17 MIA	28/17
48815	Crandon Park Marina Channel Daybeacon 8	STRUCT DEST	11467	209-18 MIA	34/18
48820	Crandon Park Marina Channel Daybeacon 9	DAYMK IMCH	11467	072-18 MIA	12/18
48830	Crandon Park Marina Channel Daybeacon 11	STRUCT DEST/HAZ NAV	11467	310-17 MIA	42/17
48855	Crandon Park Marina Channel Daybeacon 16	DAYMK IMCH	11467	167-17 MIA	28/17
48980	John A Brennan Channel Light 1	LT IMCH	11465	125-18 MIA	19/18
48990	John A Brennan Channel Daybeacon 3	DAYMK DMGD	11465	126-18 MIA	19/18
48995	John A Brennan Channel Daybeacon 4	DAYMK MISSING	11465	124-18 MIA	19/18
49000	John A Brennan Channel Daybeacon 5	DAYMK MISSING	11465	062-19 MIA	18/19
49005	John A Brennan Channel Daybeacon 6	STRUCT DEST	11467	122-18 MIA	19/18
49010	John A Brennan Channel Daybeacon 7	DAYMK MISSING	11467	121-18 MIA	19/18
49020	John A Brennan Channel Daybeacon 9	DAYMK DMGD	11465	063-19 MIA	18/19
49035	John A Brennan Channel Daybeacon 12	DAYMK DMGD	11465	123-18 MIA	19/18
49051	Dinner Key Mooring Field 4 Lighted Buoy AA	STRUCT DEST	11465	104-18 MIA	19/18
49051.2	Dinner Key Mooring Field 4 Buoy CC	MISSING	11465	104-19 MIA	26/19

49051.7	Dinner Key Mooring Field 4 Buoy HH	MISSING	11465	105-19 MIA	26/19
49051.8	Dinner Key Mooring Field 4 Lighted Buoy II	MISSING	11465	106-19 MIA	26/19
49055.4	Island E Channel Daybeacon 5	HAZ NAV/DAYMK MISSING	11465	189-19 MIA	42/19
49055.7	Island E Channel Daybeacon 8	STRUCT DEST	11465	190-19 MIA	42/19
49056	Island E Channel Daybeacon 12	STRUCT DEST	11465	177-17 MIA	29/17
49085	Key Biscayne Yacht Club Light 4	DAYMK MISSING	11465	147-18 MIA	25/18
49090	Four Way Entrance Channel Light 2	DAYMK MISSING	11465	041-17 MIA	08/17
49095	Four Way Entrance Channel Daybeacon 3	DAYMK MISSING	11465	111-18 MIA	19/18
49100	Four Way Entrance Channel Daybeacon 4	DAYMK IMCH	11465	042-17 MIA	08/17
49105	Middle Ground Obstruction Buoy	MISSING	11465	132-17 MIA	22/17
49110	Four Way Entrance Channel Daybeacon 5	DAYMK IMCH	11465	110-18 MIA	19/18
49115	Four Way Entrance Channel Daybeacon 6	STRUCT DEST	11465	043-17 MIA	08/17
49120	Four Way Entrance Channel Daybeacon 7	DAYMK IMCH	11465	044-17 MIA	08/17
49125	Four Way Entrance Channel Daybeacon 8	DAYMK MISSING	11465	045-17 MIA	08/17
49130	Four Way Entrance Channel Daybeacon 9	DAYMK MISSING	11465	046-17 MIA	08/17
49140	Four Way Entrance Channel Daybeacon 11	HAZ NAV/DAYMK MISSING	11465	109-18 MIA	19/18
49145	Four Way Entrance Channel Daybeacon 12	DAYMK DMGD	11465	108-18 MIA	19/18
49150	Four Way Channel Daybeacon 1	DAYMK DMGD	11465	105-18 MIA	19/18
49155	Four Way Channel Daybeacon 2	DAYMK MISSING	11465	106-18 MIA	19/18
49160	Four Way Channel Directional Daybeacon	STRUCT DEST	11465	107-18 MIA	19/18
49170	Four Way Channel Daybeacon 4	DAYMK IMCH	11465	113-18 MIA	19/18
49175	Four Way Channel Daybeacon 5	DAYMK MISSING	11465	112-18 MIA	19/18
49180	Four Way Channel Daybeacon 6	DAYMK MISSING	11465	114-18 MIA	19/18
49185	Four Way Channel Daybeacon 7	DAYMK MISSING	11465	115-18 MIA	19/18
49195	Four Way Channel Daybeacon 9	STRUCT DEST	11465	110-19 MIA	19/18
49200	Four Way Channel Daybeacon 10	STRUCT DEST	11465	117-18 MIA	19/18
49205	Four Way Channel Daybeacon 11	DAYMK MISSING	11465	118-18 MIA	19/18
49210	Four Way Channel Daybeacon 15	STRUCT DEST	11465	112-19 MIA	26/19
49215	Anchorage Channel Daybeacon 2	DAYMK IMCH	11465	119-18 MIA	19/18
49220	Anchorage Channel Daybeacon 4	DAYMK MISSING	11465	120-18 MIA	19/18
49240	Entrada Channel Daybeacon 1	STRUCT DEST/HAZ NAV	11465	120-19 MIA	03/16
49245	Entrada Channel Daybeacon 3	STRUCT DEST/HAZ NAV	11465	121-19 MIA	03/16
49250	Entrada Channel Daybeacon 5	DAYMK MISSING	11465	018-16 MIA	03/16
49255	Entrada Channel Daybeacon 7	DAYMK MISSING	11465	018-16 MIA	03/16
49260	Entrada Channel Daybeacon 9	DAYMK MISSING	11465	018-16 MIA	03/16
49265	Entrada Channel Daybeacon 11	DAYMK MISSING	11465	125-19 MIA	28/17
49270	Entrada Channel Daybeacon 13	DAYMK MISSING	11465	126-19 MIA	28/17
49285	Coral Gables Waterway Light 1	STRUCT DEST	11465	364-17 MIA	01/18
49295	Coral Gables Waterway Daybeacon 3	STRUCT DEST	11465	365-17 MIA	01/18
49300	Coral Gables Waterway Daybeacon 4	STRUCT DEST	11465	366-17 MIA	01/18
49310	Coral Gables Waterway Daybeacon 6	DAYMK IMCH	11465	148-17 MIA	26/17
49390	Biscayne Nat Park Boundary Light A	STRUCT DEST/HAZ NAV	11465	191-19 MIA	19/18
49395	Biscayne Nat Park Boundary Light B	LT IMCH	11465	005-17 MIA	04/17
49395	Biscayne Nat Park Boundary Light B	STRUCT DEST	11465	020-19 MIA	04/17

49445	Matheson Hammock South Channel Range Front Light	DAYMK MISSING/STRUCT DMGD	11465	068-17 MIA	13/17
49450	Matheson Hammock South Channel Range Rear Light	DAYMK MISSING	11465	069-17 MIA	13/17
49485	Matheson Hammock South Channel Daybeacon 9	DAYMK MISSING	11465	067-17 MIA	13/17
49575	Deering Bay Channel Light 2	STRUCT DEST	11465	051-18 MIA	09/18
49575	Deering Bay Channel Light 2	STRUCT DEST	11465	181-19 MIA	40/19
49703	East Featherbeds Obstruction Daybeacon A	DAYMK MISSING	11463	271-16 MIA	50/16
49703.1	East Featherbed North Obstruction Daybeacon	DAYMK MISSING	11463	271-16 MIA	50/16
49703.3	East Featherbed West Obstruction Daybeacon	STRUCT DEST	11463	271-16 MIA	50/16
49703.5	East Featherbed Northeast Obstruction Daybeacon	STRUCT DEST	11463	271-16 MIA	50/16
49703.6	East Featherbed Southeast Obstruction Daybeacon	DAYMK IMCH	11463	271-16 MIA	50/16
49703.7	East Featherbed NNE Obstruction Daybeacon	STRUCT DEST	11463	271-16 MIA	50/16
49704	Middle Featherbeds North Obstruction Daybeacon	DAYMK MISSING	11463	271-16 MIA	50/16
49704.3	Middle Featherbed NNE Obstruction Daybeacon	DAYMK MISSING	11463	271-16 MIA	50/16
49725	Featherbed Bank Shoal Daybeacon X	STRUCT DEST/HAZ NAV	11463	179-19 MIA	40/19
49805	Black Point Channel Daybeacon 15	STRUCT DEST	11464	056-20 MIA	19/20
49865	Convoy Point Light 1	LT EXT/STRUCT DMGD	11467	075-17 MIA	13/17
50255	Manatee Creek Daybeacon 5	STRUCT DEST	11451	185-18 MIA	29/18
50260	Manatee Creek Daybeacon 6	STRUCT DEST	11451	051-16 KWT	32/16
50265	Manatee Creek Daybeacon 7	STRUCT DEST	11451	187-18 MIA	29/18
50270	Manatee Creek Daybeacon 8	STRUCT DEST	11451	188-18 MIA	29/18
50275	Manatee Creek Daybeacon 8A	STRUCT DEST	11451	189-18 MIA	29/18
50280	Manatee Creek Daybeacon 9	STRUCT DEST	11451	190-18 MIA	29/18
50285	Manatee Creek Daybeacon 10	STRUCT DEST	11451	191-18 MIA	29/18
50295	The Moorings Daybeacon 2	DAYMK MISSING	11451	N/A	19/06
50300	The Moorings Daybeacon 3	DAYMK MISSING	11451	N/A	19/06
50305	The Moorings Daybeacon 4	DAYMK MISSING	11451	N/A	19/06
50535.4	Community Harbor Daybeacon 6	DAYMK MISSING	11463	154-17 KWT	52/17
50540	Little Basin East Daybeacon 1	DAYMK MISSING	11451	139-17 SKW	49/17
50555	Little Basin East Daybeacon 4	DAYMK MISSING	11451	036-17 KWT	14/17
50677.4	Manatee Pocket Channel Daybeacon 9	STRUCT DEST	11472	173-19 MIA	38/19
51980	Dyess Canal Safewater Light DC	STRUCT DEST	11428	215-19 MIA	50/19
52640	Ft Myers Yacht Basin Breakwater Light	STRUCT DEST	11428	025-20 STP	02/20
52641	Caloosahatchee River Mooring Channel Daybeacon 1	DAYMK MISSING	11427	017-20 STP	02/20
52642	Caloosahatchee River Mooring Channel Daybeacon 2	DAYMK MISSING	11427	018-20 STP	02/20
52644.2	Caloosahatchee River Mooring Channel Daybeacon 6	DAYMK MISSING	11427	019-20 STP	02/20
52645	Ft Myers Yacht Basin Breakwater West Light	STRUCT DEST	11427	026-20 STP	02/20
52685	Marinatown Daybeacon 7	DAYMK MISSING	11428	507-18 STP	25/18
52760	Marinatown Daybeacon 22	STRUCT DEST	11428	508-18 STP	25/18
52770	Marinatown Daybeacon 24	DAYMK MISSING	11428	1013-19 STP	45/19
52775	Marinatown Daybeacon 25	DAYMK MISSING	11428	1014-19 STP	45/19
52780	Marinatown Daybeacon 26	STRUCT DEST	11428	1015-19 STP	45/19
52790	Royal Palm Yacht Club Channel Daybeacon 2	STRUCT DEST	11428	512-18 STP	25/18

52800	Royal Palm Yacht Club Channel Daybeacon 4	STRUCT DEST	11428	513-18 STP	25/18
52825	Gulf Acres Channel Daybeacon 1	STRUCT DEST	11427	023-19 STP	02/20
52830	Gulf Acres Channel Daybeacon 2	DAYMK MISSING	11427	514-18 STP	25/18
52835	Gulf Acres Channel Daybeacon 3	DAYMK MISSING	11427	515-18 STP	25/18
52840	Gulf Acres Channel Daybeacon 4	DAYMK IMCH	11427	516-18 STP	25/18
52845	Gulf Acres Channel Daybeacon 5	DAYMK MISSING	11427	489-19 STP	20/19
52855	Gulf Acres Channel Daybeacon 7	DAYMK MISSING	11427	490-19 STP	20/19
52870	Gulf Acres Channel Daybeacon 9	DAYMK MISSING	11427	491-19 STP	20/19
52885	Gulf Acres Channel Daybeacon 13	STRUCT DEST	11427	024-20 STP	02/20
52890	Gulf Acres Channel Daybeacon 14	STRUCT DMGD	11427	492-19 STP	20/19
52930	Paradise Yacht Club Daybeacon 5	STRUCT DEST	11428	493-19 STP	20/19
52940	Paradise Yacht Club Daybeacon 7	STRUCT DEST/HAZ NAV	11428	462-14 STP	19/14
52950	Paradise Yacht Club Daybeacon 9	DAYMK IMCH/STRUCT DMGD	11428	517-18 STP	25/18
52960	Paradise Yacht Club Daybeacon 11	DAYMK MISSING	11428	022-20 STP	02/20
52970	Paradise Yacht Club Daybeacon 13	DAYMK MISSING	11428	STP 518-18	25/18
52980	Paradise Yacht Club Daybeacon 15	DAYMK MISSING	11428	STP 519-18	25/18
52995	Paradise Yacht Club Daybeacon 18	DAYMK MISSING	11428	465-14 STP	19/14
53000	Paradise Yacht Club Daybeacon 19	STRUCT DEST	11428	464-14 STP	19/14
53065	Cape Coral Rim Channel Daybeacon 21	STRUCT DMGD	11427	819-19 STP	34/19
53070	Cape Coral Rim Channel Daybeacon 23	STRUCT DEST	11427	021-20 STP	02/20
53260	Cape Coral Rim Channel Daybeacon 83	STRUCT DEST/HAZ NAV	11427	264-20 STP	13/20
53340	Moody Canal Daybeacon 17	STRUCT DMGD	11427	1191-18 STP	51/18
53420	Plato Canal Daybeacon 2	DAYMK MISSING	11427	020-20 STP	02/20
53425	Plato Canal Daybeacon 3	STRUCT DEST/HAZ NAV	11427	299-19 STP	13/19
53465	Plato Canal Daybeacon 11	STRUCT DMGD	11427	1192-18 STP	51/18
53475	Caloosa Yacht Club Channel Daybeacon 1	DAYMK MISSING	11427	164-19 STP	09/19
53490.01	Caloosa Yacht Club Channel Daybeacon 5	STRUCT DMGD	11427	165-19 STP	09/19
53490.02	Caloosa Yacht Club Channel Daybeacon 6	STRUCT DMGD	11427	166-19 STP	09/19
53511	McGregor Isles Daybeacon 13	STRUCT DEST	11427	167-19 STP	09/19
53515	McGregor Isles Daybeacon 15	STRUCT DEST	11427	168-19 STP	09/19
53520	McGregor Isles Daybeacon 17	STRUCT DEST	11427	169-19 STP	09/19
53545	Harney Point Rim Channel Daybeacon 4	DAYMK DMGD	11427	742-16 STP	27/16
53550	Harney Point Rim Channel Daybeacon 5	STRUCT DEST	11427	989-19 STP	44/19
53580	Harney Point Rim Channel Daybeacon 12	DAYMK MISSING	11427	742-16 STP	27/16
53585	Harney Point Rim Channel Daybeacon 13	DAYMK DMGD	11427	811-18 STP	37/18
53640	Harney Point Rim Channel Daybeacon 27	DAYMK MISSING	11427	985-19 STP	44/19
53645	Harney Point Rim Channel Daybeacon 28	DAYMK DMGD	11427	813-18 STP	37/18
53660	Harney Point Rim Channel Daybeacon 31	DAYMK DMGD	11427	985-19 STP	44/19
53670	Harney Point Rim Channel Obstruction Daybeacon	DAYMK MISSING	11427	814-18 STP	37/18
53685	Riverside Marina(Ft. Myers) Daybeacon 3	DAYMK MISSING	11427	170-19 STP	09/19
54115	Redfish Point Rim Channel Daybeacon 12	DAYMK MISSING	11427	742-16 STP	27/16
54155	Cape Coral Yacht Basin Daybeacon 3	DAYMK MISSING	11427	815-18 STP	37/18
54250	Peppertree Pointe Daybeacon 12	STRUCT DEST	11427	556-14 STP	23/14
54315	Bimini Entrance Channel Daybeacon 6	DAYMK DMGD	11427	821-18 STP	37/18

54335	Bimini Entrance Channel Daybeacon 14	DAYMK MISSING	11427	823-18 STP	37/18
54345	Bimini Entrance Channel Daybeacon 18	DAYMK MISSING	11427	824-18 STP	37/18
54360	Bimini Entrance Channel Daybeacon 24	DAYMK MISSING/STRUCT DMGD	11427	921-16 STP	36/16
54370	Bimini Entrance Channel Daybeacon 28	DAYMK MISSING	11427	825-18 STP	37/18
54415	Redfish Cove Channel Daybeacon 10	STRUCT DEST/HAZ NAV/DAYMK MISSING	11427	920-16 STP	36/16
54435	Redfish Cove Channel Daybeacon 16	DAYMK MISSING	11427	830-18 STP	37/18
54445	Redfish Cove Channel Daybeacon 18	DAYMK MISSING	11427	919-16 STP	36/16
54710	Shell Point Village Daybeacon 2	STRUCT DEST	11427	200-19 STP	11/19
55230	Matlacha Pass Daybeacon 81	HAZ NAV/DAYMK MISSING	11426	268-20 STP	13/20
55310	Paradise Canal Daybeacon 1	DAYMK MISSING	11427	988-19 STP	44/19
55315	Paradise Canal Daybeacon 2	DAYMK MISSING	11427	1155-16 STP	45/16
55320	Paradise Canal Daybeacon 3	STRUCT DEST	11427	988-19 STP	44/19
55330	Paradise Canal Daybeacon 5	STRUCT DEST	11427	988-19 STP	44/19
55440.03	Cherry Estates Daybeacon 5	DAYMK MISSING	11427		39/17
55920	Safety Harbor Channel Daybeacon 2	DAYMK IMCH	11426	270-14 STP	11/14
55950	Safety Harbor Channel Daybeacon 12	DAYMK MISSING	11426	212-17 STP	08/17
56595	Gasparilla Island Daybeacon 9	DAYMK MISSING	11425	568-19 STP	23/19
56665	Fishery Restaurant Channel Daybeacon 3	STRUCT DEST/HAZ NAV	11425	371-20 STP	20/20
56780	Uncle Henry's Marina Daybeacon 1	STRUCT DEST/HAZ NAV	11425	084-18 STP	06/18
56785	Uncle Henry'S Marina Daybeacon 2	STRUCT DEST	11425	091-17 STP	04/17
56790	Uncle Henry'S Marina Daybeacon 3	DAYMK MISSING	11425	572-19 STP	23/19
56805	Uncle Henry'S Marina Daybeacon 7	STRUCT DEST	11425	536-19 STP	22/19
56815	Uncle Henry'S Marina Daybeacon 9	DAYMK IMCH	11425	571-19 STP	23/19
56820	Uncle Henry'S Marina Daybeacon 10	STRUCT DEST	11425	536-19 STP	22/19
56825	Uncle Henry'S Marina Daybeacon 11	DAYMK MISSING	11425	606-19 STP	24/19
56830	Uncle Henry'S Marina Daybeacon 12	STRUCT DEST	11425	536-19 STP	22/19
56835	Uncle Henry'S Marina Daybeacon 13	DAYMK MISSING	11425	573-19 STP	23/19
56840	Uncle Henry'S Marina Daybeacon 14	STRUCT DEST	11425	536-19 STP	22/19
56845	Uncle Henry'S Marina Daybeacon 15	DAYMK MISSING/STRUCT DMGD	11425	091-17 STP	04/17
56850	Uncle Henry'S Marina Daybeacon 16	DAYMK MISSING	11425		39/17
56880	Uncle Henry'S Marina Daybeacon 22	STRUCT DEST	11425	536-19 STP	22/19
56885	Uncle Henry'S Marina Daybeacon 23	STRUCT DEST	11425	536-19 STP	22/19
56890	Uncle Henry'S Marina Daybeacon 24	STRUCT DEST	11425	536-19 STP	22/19
56905	Uncle Henry'S Marina Daybeacon 27	DAYMK MISSING	11425	575-19 STP	23/19
56910	Uncle Henry'S Marina Daybeacon 28	DAYMK IMCH	11425	570-19 STP	23/19
56920	Uncle Henry'S Marina Daybeacon 30	DAYMK MISSING	11425	576-19 STP	23/19
56925	Uncle Henry'S Marina Daybeacon 31	DAYMK MISSING	11425	577-19 STP	23/19
56945	Uncle Henry'S Marina Daybeacon 35	STRUCT DMGD	11425	567-19 STP	23/19
56950	Uncle Henry'S Marina Daybeacon 36	DAYMK MISSING	11425	578-19 STP	23/19
56955	Uncle Henry'S Marina Daybeacon 37	DAYMK MISSING	11425	579-19 STP	23/19
56960	Uncle Henry'S Marina Daybeacon 38	DAYMK IMCH	11425		23/19
56970	Uncle Henry'S Marina Daybeacon 40	DAYMK MISSING	11425	580-19 STP	23/19
56975	Uncle Henry'S Marina Daybeacon 41	DAYMK MISSING	11425	581-19 STP	23/19
56980	Uncle Henry'S Marina Daybeacon 42	DAYMK MISSING	11425	582-19 STP	24/19
56985	Uncle Henry'S Marina Daybeacon 43	STRUCT DEST	11425	536-19 STP	24/19
57005	Uncle Henry'S Marina Daybeacon 47	STRUCT DEST	11425	536-19 STP	22/19
57210	Knights Pass Channel Daybeacon 7	DAYMK IMCH	11425	464-10 STP	16/10
57290	Daughtrey Landing Daybeacon 2	DAYMK DMGD	11425	462-10 STP	16/10

57295	Daughtrey Landing Daybeacon 3	DAYMK MISSING	11425	724-06 STP	21/05
57359.13	Englewood Channel Daybeacon 22	STRUCT DEST	11425	007-17 STP	02/17
57359.6	Englewood Channel Daybeacon 10	STRUCT DEST	11425	700-17 STP	26/17
57435	**Indian Mound Pk Daybeacon 1**	**STRUCT DEST/HAZ NAV**	**11425**	**382-20 STP**	**21/20**
57485	Royal Palm Marina Buoy 5	DAYMK IMCH	11425	N/A	19/10
57617	Forked Creek Daybeacon 1	STRUCT DEST/HAZ NAV	11425	248-17 STP	09/17
57725	Eagle Point Daybeacon 2	DAYMK MISSING	11425	948-19 STP	42/19
57740	Eagle Point Daybeacon 5	STRUCT DEST	11452	696-10 STP	23/10
57777	Higel Park North Channel Buoy 3	MISSING	11425	587-17 STP	22/17
57779	Venice Yacht Club Obstruction Light A	STRUCT DEST	11425	947-19 STP	42/19
57834	Snake Island Daybeacon A	STRUCT DEST	11425	944-19 STP	42/19
57834.1	Snake Island Daybeacon B	STRUCT DEST	11425	945-19 STP	42/19
57834.2	Snake Island Daybeacon C	STRUCT DEST	11425	946-19 STP	42/19
58112	Casey Key Daybeacon 2	STRUCT DEST	11425	880-13 STP	39/13
58114	Casey Key Daybeacon 3	STRUCT DEST	11425	878-13 STP	39/13
58195	Midnight Pass Lagoon Daybeacon 6	STRUCT DEST	11425		50/14
58205.3	Midnight Pass Daybeacon 13	STRUCT DMGD	11425	1066-19 STP	47/19
58205.6	Midnight Pass Daybeacon 19	STRUCT DEST	11425	879-13 STP	39/13
58240	Hidden Harbor Marina Channel Daybeacon 1	STRUCT DEST	11425	055-19 STP	03/19
58292	Matheny Creek Daybeacon 1	STRUCT DMGD	11425	1067-19 STP	47/19
58365.2	Phillippi Creek Daybeacon 2	DAYMK MISSING	11425	641-19 STP	26/19
58365.6	Phillippi Creek Daybeacon 7	DAYMK MISSING	11425	640-19 STP	26/19
58365.9	Phillippi Creek Daybeacon 11	STRUCT DEST/HAZ NAV	11425	217-19 STP	11/19
58447	San Remo Daybeacon 2	DAYMK IMCH	11425	470-19 STP	20/19
58449.1	San Remo North Obstruction Daybeacon	STRUCT DEST/HAZ NAV	11425	468-19 STP	20/19
58449.2	San Remo South Obstruction Daybeacon	STRUCT DEST/HAZ NAV	11425	478-19 STP	20/19
58485.1	Hudson Bayou Daybeacon 1	DAYMK IMCH	11425	638-19 STP	26/19
58515	Bird Key Channel Daybeacon 3	STRUCT DEST	11425	293-19 STP	13/19
58520	Bird Key Channel Daybeacon 5	STRUCT DEST	11425	344-17 STP	13/17
58540	Tony Saprito Fishing Pier South Light	LT EXT	11425	323-20 STP	16/20
58545	Tony Saprito Fishing Pier North Light	LT EXT	11425	324-20 STP	16/20
58640	Bay Isles South Channel Daybeacon 1	STRUCT DMGD	11425	209-19 STP	10/19
58650	Bay Isles South Channel Daybeacon 4	STRUCT DEST	11425	208-19 STP	10/19
58655	Bay Isles South Channel Daybeacon 6	DAYMK MISSING	11425	212-19 STP	10/19
58667	Bay Isles Perimeter Channel Daybeacon 2	DAYMK MISSING	11425	240-19 STP	11/19
58667.25	Bay Isles Perimeter Channel Daybeacon 9	DAYMK MISSING	11425	241-19 STP	11/19
58755	Bayshore Garden Daybeacon 3	STRUCT DEST	11425	1041-18 STP	49/18
59140	Longboat Harbor North Marina Daybeacon 4	STRUCT DEST	11425	697-16 STP	25/16
59145	Longboat Harbor North Marina Daybeacon 6	STRUCT DEST	11425	697-16 STP	25/16
59150	Longboat Harbor North Marina Daybeacon 8	STRUCT DEST	11425	697-16 STP	25/16
59220	Cannons Marina Daybeacon 7	STRUCT DEST	11425	810-19 STP	33/19
59245	Buccaneer Inn Daybeacon 10	STRUCT DEST	11425	916-13 STP	40/13
59405	Coral Shores Channel Daybeacon 9	STRUCT DEST	11425	659-15 STP	25/15
59535	Mt Vernon & Coral Shores Daybeacon 1N	STRUCT DEST	11425	114-20 STP	06/20
59580	Bradenton Beach Marina Channel Daybeacon 2	STRUCT DEST	11425	113-20 STP	06/20

59642	Palma Sola Bay Channel Daybeacon 4	STRUCT DEST	11425	522-16 STP	18/16
59650	Cove Sound Moorings Daybeacon 1	HAZ NAV/DAYMK MISSING	11425	199-20 STP	10/20
59655	Cove Sound Moorings Daybeacon 2	HAZ NAV/DAYMK MISSING	11425	200-20 STP	10/20
59760	San Remo Shore Channel Daybeacon 2	DAYMK MISSING	11425	209-20 STP	10/20
59785	San Remo Shore Channel Daybeacon 8	STRUCT DEST	11425	210-20 STP	10/20
59800	San Remo Shore Channel Daybeacon 13	DAYMK MISSING	11425	211-20 STP	10/20
59803	San Remo Shore Channel Daybeacon 14	DAYMK MISSING	11425	N/A	40/09
59805	San Remo Shore Channel Daybeacon 15	DAYMK MISSING	11425	N/A	40/09
59810	San Remo Shore Channel Daybeacon 16	DAYMK MISSING	11425	N/A	40/09
59840	Palma Sola Bay Channel Daybeacon 14	DAYMK MISSING	11425	245-19 STP	11/19
59845	Palma Sola Bay Channel Daybeacon 15	DAYMK MISSING	11425	245-19 STP	11/19
59855	Palma Sola Bay Channel Daybeacon 17	DAYMK MISSING	11425	245-19 STP	11/19
59860	Palma Sola Bay Channel Daybeacon 18	DAYMK MISSING	11425	245-19	11/19
59865	Palma Sola Bay Channel Daybeacon 19	DAYMK MISSING	11425	1150-19 STP	51/19
59870.5	Palma Sola Bay Channel Daybeacon 21	DAYMK MISSING/STRUCT DMGD	11425	245-19 STP	11/19
59890	Palma Sola Park Channel Daybeacon 1	HAZ NAV/DAYMK MISSING	11415	202-20 STP	10/20
59895	Palma Sola Park Channel Daybeacon 2	DAYMK DMGD	11415	N/A	24/09
59905	Palma Sola Park Channel Daybeacon 4	DAYMK MISSING	11415	203-20 STP	10/20
59910	Palma Sola Park Channel Daybeacon 5	HAZ NAV/DAYMK MISSING	11415	204-20 STP	10/20
59915	Palma Sola Park Channel Daybeacon 6	DAYMK MISSING	11415	206-20 STP	10/20
59920	Palma Sola Park Channel Daybeacon 7	DAYMK MISSING	11415	207-20 STP	10/20
59925	Palma Sola Park Channel Daybeacon 8	DAYMK IMCH	11415	208-20 STP	10/20
59940	Bradenton Beach City Channel Daybeacon 2	DAYMK MISSING	11425	N/A	24/09
60065	Perico Harbor Marina Daybeacon 2	DAYMK MISSING	11415	N/A	24/09
60070	Perico Harbor Marina Daybeacon 3	LT IMCH	11415	N/A	45/07
60085	Perico Harbor Marina Daybeacon 6	DAYMK MISSING	11415	N/A	24/09
60130	Perico Harbor Marina Daybeacon 15	DAYMK MISSING	11415	N/A	24/09
60195	Anna Maria Channel Daybeacon 2	STRUCT DEST	11415	1090-19 STP	49/19
60305	Tampa Bay Skyway Pier Southeast Light	LT EXT	11411	993-18 STP	42/18
60310	Tampa Bay Skyway Pier Northeast Light	LT EXT	11411	994-18 STP	42/18
61125	Jungle Estates Daybeacon 1	HAZ NAV/DAYMK MISSING	11411	414-19 STP	16/19
61145	Jungle Estates Daybeacon 5	HAZ NAV/DAYMK MISSING		415-19 STP	16/19
61150	Jungle Estates Daybeacon 6	STRUCT DEST		416-19 STP	16/19
61165	Jungle Beach Daybeacon 1	STRUCT DEST	11411	316-20 STP	16/20
61170	Jungle Beach Daybeacon 2	STRUCT DEST/HAZ NAV/DAYMK MISSING	11411	385-19 STP	16/19
61215	Jungle Beach Daybeacon 11	STRUCT DEST	11411	273-20 STP	13/20
61313	Bay Pines Marina Daybeacon 1	STRUCT DEST/HAZ NAV	11411	1044-19 STP	46/19
61920	Caladesi Island Channel Daybeacon 4	DAYMK IMCH		235-19 STP	10/19
61955	Caladesi Island Channel Daybeacon 12	DAYMK MISSING	11411		24/19
62005	Marker 1 Marina Channel Daybeacon 7	STRUCT DEST		697-10 STP	23/10
	Ribaut Island Dock Light A	LT EXT	11507	N/A	04/05
	Ribaut Island Dock Light C	LT EXT	11507	N/A	04/05

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2370.3	Charleston Harbor Channel Lighted Buoy 3	RELOCATED FOR DREDGING	11528		45/18	
2370.4	Charleston Harbor Channel Lighted Buoy 4	RELOCATED FOR DREDGING	11528		45/18	
2375.5	Charleston Harbor Channel Lighted Buoy 9	RELOCATED FOR DREDGING	11528		50/18	
2380	Charleston Harbor Channel Lighted Buoy 10	RELOCATED FOR DREDGING	11528		45/18	
2395.5	Charleston Harbor Channel Lighted Buoy 11	RELOCATED FOR DREDGING	11528		50/18	
2400	Charleston Harbor Channel Lighted Buoy 12	RELOCATED FOR DREDGING	11528		45/18	
2400.2	Charleston Harbor Channel Lighted Buoy 13	RELOCATED FOR DREDGING	11528	291-19 CHA	52/19	
2400.5	Charleston Harbor Channel Lighted Buoy 14	RELOCATED FOR DREDGING	11528	292-19 CHA	52/19	
2405	Charleston Harbor Channel Lighted Buoy 15	RELOCATED FOR DREDGING	11518	008-20 CHA	03/20	
2410	Charleston Harbor Channel Lighted Buoy 16	RELOCATED FOR DREDGING	11518	295-19 CHA	03/20	
2415	Charleston Harbor Channel Lighted Buoy 17	RELOCATED FOR DREDGING	11518		45/18	
2420	Charleston Harbor Channel Lighted Bell Buoy 18	RELOCATED FOR DREDGING	11518		45/18	
2752	HLK Terminal Lighted Buoy A	DISCONTINUED FOR DREDGING	11524		15/19	
2753	HLK Terminal Lighted Buoy B	DISCONTINUED FOR DREDGING	11524		15/19	
3300	Wando River Terminal Lighted Buoy 2	RELOCATED FOR DREDGING	11524	269-19 CHA	48/19	
3305	Wando River Terminal Lighted Buoy 3	RELOCATED FOR DREDGING	11524	269-19 CHA	48/19	
3310	Wando River Terminal Lighted Buoy 4	RELOCATED FOR DREDGING	11524	269-19 CHA	48/19	
3315	Wando River Terminal Lighted Buoy 5	RELOCATED FOR DREDGING	11524	269-19 CHA	48/19	
3320	Wando River Terminal Lighted Buoy 6	RELOCATED FOR DREDGING	11524	270-19 CHA	48/19	
3320.5	Wando River Terminal Lighted Buoy 7	RELOCATED FOR DREDGING	11524	082-20 CHA	14/20	
3325	Wando River Terminal Lighted Buoy 7A	RELOCATED FOR DREDGING	11524	082-20 CHA	14/20	
4990	Barnwell Island Flats Lighted Buoy 52A	RELOCATED	11514	188-15 CHA	26/15	
5055	Kings Island Turning Basin Light 12	DISCONTINUED FOR DREDGING	11514	086-20 JAX	14/20	
5060	Kings Island Turning Basin Light 14	DISCONTINUED FOR DREDGING	11514	086-20 JAX	14/20	
6140	St Simons Sound Lighted Buoy 19	RELOCATED	11489	197-19 CHA	39/19	
6570	St Marys Entrance Lighted Buoy 10	RELOCATED FOR DREDGING	11503	053-20 JAX	10/20	

6580	St Marys Entrance Lighted Buoy 12	RELOCATED FOR DREDGING	11503	054-20 JAX	10/20
6590	St Marys Entrance Lighted Buoy 14	RELOCATED FOR DREDGING	11503	055-20 JAX	10/20
6630	St Marys Entrance Lighted Buoy 18	RELOCATED FOR DREDGING	11503	056-20 JAX	10/20
7125	St Johns River Entrance Lighted Buoy 3	RELOCATED FOR DREDGING	11491		51/18
7130	St Johns River Entrance Lighted Buoy 4	RELOCATED FOR DREDGING	11491		51/18
7195	St Johns River Lighted Buoy 11	RELOCATED FOR DREDGING	11491	062-20 JAX	10/20
7250	Sherman Cut Lighted Buoy 18	RELOCATED FOR DREDGING	11491	059-19 JAX	10/19
7270	Mile Point Lighted Buoy 22	RELOCATED FOR DREDGING	11491		51/18
7280	Mile Point Lighted Buoy 24	RELOCATED FOR DREDGING	11491	068-19 JAX	15/19
7283	Mile Point Light C	DISCONTINUED FOR DREDGING	11491	089-19 JAX	18/19
7305	White Shells Cut Lighted Buoy 25	RELOCATED FOR DREDGING	11491		29/19
7315	White Shells Cut Lighted Buoy 27	RELOCATED FOR DREDGING	11491	239-19 JAX	42/19
7340	Fulton Cutoff Lighted Buoy 34	RELOCATED FOR DREDGING	11491	003-20 JAX	01/20
7345	Fulton Cutoff Lighted Buoy 35	RELOCATED FOR DREDGING	11491	062-20 JAX	10/20
7365	Fulton Cutoff Lighted Buoy 37	RELOCATED FOR DREDGING	11491	304-19 Jax	15/20
7490	Dunn Creek Cut Lighted Buoy 55	RELOCATED FOR DREDGING	11491	237-19 JAX	42/19
9655	Canaveral Harbor Entrance Channel Light 14	DISCONTINUED FOR DREDGING	11478	181-14 JAX	26/14
9670	Canaveral Harbor Entrance Channel Light 12A	DISCONTINUED FOR DREDGING	11478	090-15 JAX	15/15
9705	Canaveral Harbor Entrance Channel Lighted Buoy 19	RELOCATED FOR DREDGING	11478	167-17 JAX	28/17
10665	Fishermans Channel Light 9	RELOCATED FOR DREDGING	11468	167-15 MIA	18/15
18095	Matanzas Pass Channel Daybeacon 4	TRUB	11427	337-20 STP	17/20
38365	Pablo Creek Light 6	RELOCATED FOR DREDGING	11491	101-16 JAX	17/16
39540	Matanzas River Buoy 81D	DISCONTINUED	11485	107-17 JAX	16/17
40535	Ponce De Leon Cut Daybeacon 7	RELOCATED	11485	004-19 JAX	02/19
40613	Ponce De Leon Cut Buoy 18A	DISCONTINUED FOR DREDGING	11485		37/18

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER
Main Panel 2245 NEW YORK HARBOR

	Corrective Action	Object of Corrective Action	Source of Correction	Position
(Temp)	ADD	NATIONAL DOCK CHANNEL BUOY 3 Green can	CGD01	at 40-41-09.001N 074-02-48.001W

(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.

11426 40th Ed. 01-APR-19 Last LNM: 17/20 NAD 83 21/20
ChartTitle: **Estero Bay to Lemon Bay, including Charlotte Harbor;Continuation of Peace River**
CHART FL-ESTERO BAY TO LEMON BAY INCLUDING CHARLOTTE HARBOR. Page/Side: N/A

ADD	Buckleys Pass Daybeacon 1 Green (Priv maint)	CGD07	at 26-53-03.180N	082-03-31.892W
ADD	Buckleys Pass Daybeacon 2 Red (Priv maint)	CGD07	at 26-53-03.985N	082-03-30.959W
ADD	Buckleys Pass Daybeacon 3 Green (Priv maint)	CGD07	at 26-53-04.449N	082-03-31.982W
ADD	Buckleys Pass Daybeacon 4 Red (Priv maint)	CGD07	at 26-53-05.244N	082-03-31.824W

11485 38th Ed. 01-JAN-17 Last LNM: 20/20 NAD 83 21/20
ChartTitle: **Intracoastal Waterway Tolomato River to Palm Shores**
CHART FL-ICW-TOLOMATO RIVER TO PALM SHORES. Page/Side: N/A

(Temp) RELOCATE	Halifax River Light 59 TRLB	CGD07	from 29-08-09.429N to 29-08-09.413N	080-58-03.905W 080-58-03.792W

11507 36th Ed. 01-JUN-15 Last LNM: 36/17 NAD 83 21/20
ChartTitle: **Intracoastal Waterway Beaufort River to St. Simons Sound**
Extension 248 BEAUFORT RIVER TO ST SIMONS SOUND XX-YY. Page/Side: A

DELETE	Vernon River Light 86	CGD07	31-52-18.834N	081-04-34.288W
ADD	(Subm piles) stumps of steel posts	CGD07	31-52-18.834N	081-04-34.288W
ADD	Vernon River Light Wreck 86 Fl Q R, 5M	CGD07	31-52-18.845N	081-04-33.783W

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)

SEACOAST – GEORGIA - TYBEE ISLAND TO DOBOY SOUND

The following changes have been approved to the Aids to Navigation System in the Savannah River:

To facilitate the Savannah River Entrance Channel expansion, Tybee LB T (LLNR 350/4530) will be relocated approximately 7.1NM seaward of its current position. In addition (6) physical lighted buoys and (4) V-AIS signals will be established to mark the outer most boundaries of this new channel leg. Positions of all the aids to navigation and V-AIS signals will be published in the Chart and Light List Corrections Section of this publication upon installation. This new channel leg will be named Savannah Entrance Channel.

Chart 11509 LNM: 15/20

STRAITS OF FLORIDA – FOWEY ROCKS TO ALLIGATOR REEF

The following change has been approved to the Aids to Navigation System in the Straits of Florida:

Pacific Reef Light (LLNR 935) optic to be upgraded to a more reliable LED (Light-emitting diode) lantern and the nominal range reduced to 7NM.
Charts: 411 11013 11450 11460 11462 11465 11466 11469 LNM: 33/14

STRAIGHTS OF FLORIDA – SOMBRERO KEY TO DRY TORTUGAS – LOOE REEF

The following change has been approved to the Aids to Navigation System in Looe Key:

Pelican Shoal Light 26 (LLNR 1020) in position 24-30-21.903N / 081-35-59.070W will be permanently discontinued
Chart 11452 LNM: 20/18

SOUTH CAROLINA – CHARLESTON HARBOR – CHARLESTON HARBOR NORTH CHANNEL

The following changes has been approved to the Aids to Navigation System to the Bennis Reach Range Optics located in the Charleston Harbor North Channel.

Both range structures will be converted to solar power vice A/C power and remain day night optics to provide a more reliable and modern range optic.

Bennis Reach Range Front Light (LLNR 2505.5) in position 32-47-17.763N/079-55-28.611W will be changed from Fixed Red characteristic to a Quick Flash Red characteristic.

Bennis Reach Range Rear Light (LLNR 2506) in position 32-47-23.927N/079-55-42.577W will be changed from a Fixed Red characteristic to an ISO R 6s characteristic.

Chart 11524 LNM: 01/20

GEORGIA - SAVANNAH RIVER - KINGS ISLAND TURNING BASIN (UPDATE April 3, 2020)

The following aids have been temporarily discontinued to facilitate dredging operations by the Norfolk Dredging Company:

Kings Island Turning Basin Light 12 (LLNR 5055) in position 32-07-54.581N/081-08-04.510W
Kings Island Turning Basin Light 14 (LLNR 5060) in position 32-08-07.924N/081-08-14.144W

Estimate completion date of dredging by Norfolk Dredging Company is January 2021. Upon completion of dredge operations the aids will be rebuilt. All mariners are requested to exercise caution when transiting the area and contact any of the Norfolk Dredging Company vessels on scene via VHF-FM channels 13 and 16. (Ref: LNM 14/20)
Chart 11514 LNM: 11/20

GEORGIA - OSSABAW AND ST. CATHERINES SOUND

The following changes have been approved to the Aids to Navigation System in Ossabaw Sound:

Ossabaw Sound North Channel Daybeacon 10 (LLNR 5760) and Ossabaw Sound North Channel Daybeacon 12 (LLNR 5770) will be changed to Ossabaw Sound North Channel Buoys 10 and 12 with same corresponding LLNR's. With moving shoals and a semi exposed area these conditions make it very difficult to service and rebuild fixed aids. Floating aids will allow the Coast Guard more flexibility when marking safe passage.
Chart 11511 LNM: 14/19

GEORGIA AND FLORDIA – CUMBERLAND SOUND – FERNANDINA HARBOR TO KINGS BAY

The following change has been approved to the Aids to Navigation System in Cumberland Sound:

Cumberland Sound Light C (LLNR TBD) will be established in approximate position 30-45-25.800N/081-28-54.000W, displaying a Fl W 4s characteristic.

Chart 11503 LNM: 34/19

GEORGIA AND FLORIDA – CUMBERLAND SOUND – FERNANDINA HARBOR TO KINGS BAY

The following change has been approved to the Aids to Navigation System in Kings Bay:

Kings Bay Light 62 (LLNR 7040) will be permanently discontinued
Chart 11503 LNM: 31/19

FLORIDA - ST. JOHNS RIVER - BRILLS CUT

The following change has been approved to the Aids to Navigation System in the St. Johns River - Brills Cut::

Brills Cut Lighted Buoy 53 (LLNR 7485) in position 30-24-13.550N/081-34-49.775W will be discontinued and replaced with a Virtual AIS Marker with the same name in the current assigned position.

Chart 11491 LNM: 19/20

FLORIDA – MIAMI TO MARATHON AND FLORIDA BAY – LARGO SOUND CHANNEL

The following change has been approved to the Aids to Navigation System in the Largo Sound Channel:

Marvin D Adams WW Light B (LLNR 11885) will be renamed Marvin D Adams WW Light
Charts: 11451 11464 LNM: 40/19

FLORIDA – FLORIDA KEYS – NINETY SEVENTH STREET CHANNEL

The following change has been approved to the Aids to Navigation System in the Ninety Seventh Street Channel:

East Washerwoman Shoal LT 49 (LLNR 13720) will be permanently discontinued and replaced with a single pile structure with the same characteristics and nominal range.
Charts: 11449 11451 11452 11453 LNM: 20/18

SOUTH CAROLINA - AICW - MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK - LITTLE RIVER - WINYAH BAY

Due to a shifting shoal and rock hazards Little River-Winyah Bay Daybeacon 16A (LLNR 33670) will be changed to Little River-Winyah Bay Buoy 16A (LLNR 33670) and relocated to mark safe water.
Chart 11534 LNM: 20/20

FLORIDA – AICW – TOLOMATO RIVER TO PALM SHORES – BANANA RIVER

The following changes have been approved to the Aids to Navigation System in the Banana River:

The U.S. Coast Guard will convert the fixed aids in the Banana River, south of the Canaveral Barge Canal, to floating aids. The current water depths prohibit the assigned maintenance vessel from repairing damage to the fixed piles. Upon becoming discrepant, these aids will be replaced with floating aids displaying similar characteristics.

LNM Ref: Proposed 24/16
Chart 11485 LNM: 44/16

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)

GULF OF MEXICO FLORIDA - TAMPA BAY AND ST. JOSEPHS SOUND (UPDATE: May 17, 2017)

The U.S. Coast Guard is proposing to make the following changes to the Aids to Navigation System in Tampa Bay:

Egmont Channel Range Front Light (LLNR 1375/22280) in position 27-36-48.900N/082-45-53.286W changed to a more reliable LED optic and change characteristics to FL Q W

Egmont Channel Range Rear Light (LLNR 1380/22285) in position 27-36-57.983N/082-44-22.365W changed to a more reliable LED optic and change characteristics to ISO W 6s (Ref: LNM 20/17)
Chart 11412 LNM: 15/17

GEORGIA - SAVANNAH RIVER AND WASSAW SOUND - TYBEE RANGE

The U.S. Coast Guard is proposing to make the following changes to the Aids to Navigation System in the Savannah River:

Tybee Range Lighted Buoy 1 (LLNR 4545) and Tybee Range Lighted Buoy 2 (LLNR 4550) will be permanently changed to a V-AIS marker, (MMSI number to be determined), with the same names in their current assigned positions.

All comments should be emailed to: D07-SMB-DPWPublicComments@uscg.mil or Andrew.m.engle@uscg.mil with Tybee Range Channel as the subject line. Comments can also be mailed to Commander (dpw), Seventh Coast Guard District, 909 SE 1st Ave (Suite 406) Brickell Plaza Federal Building, Miami FL 33131-3050 to be received by June 14, 2020.
Chart 11512 LNM: 14/20

FLORIDA - ST. JOHNS RIVER - BRILLS CUT (UPDATE: April 14, 2020)

The U.S. Coast Guard is proposing to make the following changes to the Aids to Navigation System in the St. Johns River:

UPDATE Brills Cut Lighted Buoy 53 (LLNR 7485) has been temporarily activated with S-AIS (MMSI-993672658) Ref: LNM 20/19

Brills Cut Lighted Buoy 53 (LLNR 7485) in position 30-24-13.550N/081-34-49.775W will be discontinued and replaced with a Virtual AIS Marker with the same name in the current assigned position.

Chart 11491 LNM: 41/17

FLORIDA - ST. JOHNS RIVER - BRILLS CUT

The U.S. Coast Guard is proposing the following change to the Aids to Navigation system in the St. Johns River:

To give mariners a reference to shoal water during mooring evolutions at the Trapac Turning Basin. Brills Cut Buoy 53A (LLNR TBD) will be established in approximate position 30-24-13.568N/081-34-55.203W. All comments should be emailed to: D07-SMB-DPWPublicComments@uscg.mil or Andrew.m.engle@uscg.mil with Brills Cut Buoy 53A as the subject line. Comments can also be mailed to: Commander (dpw), Seventh Coast Guard District, 909 SE 1st Ave (Suite 406) Brickell Plaza Federal Bldg, Miami, FL. 33131-3050 to be received by June 21, 2020.

Chart 11491 LNM: 16/20

FLORIDA - MIAMI TO MARATHON AND FLORIDA BAY - HAWK CHANNEL - LARGO SOUND CHANNEL (UPDATE: May 11, 2020)

The U. S. Coast Guard is proposing to make the following changes to the Aids to Navigation System in the Largo Sound Channel:

Relocate Largo Sound Channel Daybeacon 3 (LLNR 11775) to 25-05-51.468N/080-24-09.400W
Relocate Largo Sound Channel Daybeacon 4 (LLNR 11780) to 25-05-51.677N/080-24-09.245W
Relocate Largo Sound Channel Daybeacon 5 (LLNR 11785) to 25-05-55.669N/080-24-30.290W
Discontinue Largo Sound Channel Daybeacon 6A (LLNR 11795)
Relocate Largo Sound Channel Daybeacon 7 (LLNR 11800) to 25-05-57.979N/080-24-39.051W
Discontinue Largo Sound Channel Daybeacon 7A (LLNR 11805)
Relocate Largo Sound Channel Daybeacon 8 (LLNR 11810) to 25-05-59.607N/080-24-40.095W
Discontinue Largo Sound Channel Daybeacon 10 (LLNR 11820)
Relocate Largo Sound Channel Daybeacon 11 (LLNR 11825) to 25-06-07.312N/080-24-50.494W

All comments can be sent via email to: D07-SMB-DPWPublicComments@uscg.mil or Andrew.m.engle@uscg.mil with, Largo Sound Channel Changes as the subject line. Comments can also be mailed to: Commander (dpw), Seventh Coast Guard District, 909 SE 1st Ave (Suite 406) Brickell Plaza Federal Bldg, Miami, FL. 33131-3050 to be received by June 1, 2020 (Ref: LNM 19/20).

Chart 11451 LNM: 13/20

FLORIDA - FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS - MATANZAS PASS CHANNEL

The U.S. Coast Guard is proposing a change to the following Aid to Navigation system in the Matanzas Pass Channel:

Matanzas Pass Channel Daybeacon 13 (LLNR 18232) will be changed to Matanzas Pass Channel Light 13 (LLNR 18232) displaying a Fl Q G characteristic. This change will give mariners a more reliable signal when transiting this channel and navigating the turned presently marked by Daybeacon 13. All comments should be emailed to: D07-SMB-DPWPublicComments@uscg.mil or Andrew.m.engle@uscg.mil with Matanzas Pass Channel Daybeacon 13 as the subject line. Comments can also be mailed to: Commander (dpw), Seventh Coast Guard District, 909 SE 1st Ave (Suite 406) Brickell Plaza Federal Bldg, Miami, FL. 33131-3050 to be received by June 14, 2020.

Chart 11427 LNM: 15/20

FLORIDA - ST. LUCIE INLET TO FORT MEYERS AND LAKE OKEECHOBEE - OKEECHOBEE WATERWAY - ST. LUCIE RIVER

The U.S. Coast Guard is proposing a change to the following Aid to Navigation system in the vicinity of the St. Lucie River:

Woods Point Daybeacon 1 (LLNR 50760) will be changed to Woods Point Buoy 1 (LLNR 50760). This change will give mariners a more reliable signal when transiting this channel. Currently a temporary buoy is on station in this location. All comments should be emailed to: D07-SMB-DPWPublicComments@uscg.mil or Andrew.m.engle@uscg.mil with Woods Point Daybeacon 1 as the subject line. Comments can also be mailed to: Commander (dpw), Seventh Coast Guard District, 909 SE 1st Ave (Suite 406) Brickell Plaza Federal Bldg, Miami, FL. 33131-3050 to be received by June 14, 2020.

Chart 11428 LNM: 15/20

SOUTH CAROLINA - AICW - CASINO CREEL TO BEAUFORT RIVER - WINYAH BAY - CHARLESTON HARBOR

The U.S. Coast Guard is proposing a change to the following Aid to Navigation system in the Intracoastal Waterway of South Carolina:

Winyah Bay-Charleston Harbor Daybeacon 51 (LLNR 34305) will be changed to Winyah Bay-Charleston Harbor Buoy 51 (LLNR 34305) and will remain at is current assigned position. The current daybeacon has been destroyed approximately 3 times in the last three years and currently has a TRUB on station. This change should reduce the amount of discrepancies and improve the reliability of the aid for safe transit. All comments should be emailed to: D07-SMB-DPWPublicComments@uscg.mil or Andrew.m.engle@uscg.mil with Winyah Bay-Charleston Harbor DBN 51 as the subject line. Comments can also be mailed to: Commander (dpw), Seventh Coast Guard District, 909 SE 1st Ave (Suite 406) Brickell Plaza Federal Bldg, Miami, FL. 33131-3050 to be received by June 14, 2020.

Chart 11518 LNM: 15/20

GEORGIA - AICW - ST SIMONS SOUND TO TOLOMATO RIVER - JEKYLL CREEK

The U.S. Coast Guard is proposing a change to the following Aid to Navigation system Jekyll Creek:

Jekyll Creek Jetty RFL (LLNR 37290) and Jekyll Creek Jetty RRL (LLNR 37295) will be permanently discontinued. These range lights provide no lateral significance and the current range rear structure has been destroyed since 2018. All comments should be emailed to: D07-SMB-DPWPublicComments@uscg.mil or Andrew.m.engle@uscg.mil with Jekyll Creek Jetty Ranges as the subject line. Comments can also be mailed to Commander (dpw), Seventh Coast Guard District, 909 SE 1st Ave (Suite 406) Brickell Plaza Federal Building, Miami FL 33131-3050 to be received by June 21, 2020.

SECTION VII - GENERAL

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

DREDGING AND MARINE CONSTRUCTION CAUTIONS

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

LNM: 01/20

ATLANTIC OCEAN – GEORGIA: Offshore Artificial Reef deployment at CCA-JL Reef.

GADNR, Georgia Department of Natural Resources intends to deploy a 52′ steel vessel previously used as a shrimp-fishing vessel at CCA Reef between May 18 and June 18, 2020. The vessel will be trimmed down to an overall height of 36′. The CCA-JL Reef site is approximately 67′ deep at the proposed location and has an approved clearance of –28′ MLW. Material placements will not exceed this site's approved clearance. Deployments are conducted in favorable weather conditions and during daylight hours. The proposed material deployment location is 31.725047° Latitude, -80.677567° Longitude. GADNR will obtain GPS coordinates for specific material locations within CCA-JL Reef immediately post deployment, follow up with GADNR at (912) 280-6926 to acquire coordinates.

LNM: 20/20

ATLANTIC OCEAN – GEORGIA: Offshore Artificial Reef deployment at JY Reef.

GADNR, Georgia Department of Natural Resources intends to deploy a 180′ steel vessel previously used as a Menhaden fishing vessel at JY Reef between May 18 and June 18, 2020. The vessel will be trimmed down to an overall height of 38′. The JY Reef site is approximately 69′ deep at the proposed location and has an approved clearance of –28′ MLW. Material placements will not exceed this site's approved clearance. Deployments are conducted in favorable weather conditions and during daylight hours. The proposed material deployment location is in a cluster at 31.608315° Latitude, -80.797796° Longitude. GADNR will obtain GPS coordinates for specific material locations within JY Reef immediately post deployment, follow up with GADNR at (912) 280-6926 to acquire coordinates.

LNM: 20/20

STRAITS OF FLORIDA AND APPROACHES-STRAITS OF FLORIDA: Flows through the Straits of Florida, (7) Underwater Research Mooring Buoys (UPDATE: November 18, 2019)

The U.S. Department of State Bureau of Oceans and International Environmental and Scientific Affairs have approved the install of (8) Research Mooring Buoys stretching roughly from the Florida Keys to Cuba. Moorings labeled (EFL5, EFL6, EFL7 and EFL15) fall within the US Exclusive Economic Zone. The program aimed at measuring the flows between Cuba and Florida. The Research Vessel B/O Justo Sierra will be conducting marine scientific research studying the measurement of inflows/outflows of the Gulf and currents/temperatures. The research apparatus is anchored by a 2000lb weight and held vertical by a flotation balloon at 130ft below the surface. Mariners are to avoid close proximity, or any other interference of these buoy's data gathering function. The replacement moorings will occur pending funding. (Ref: LNM 34/16, 23/17, 30/18, 38/18, 31/19, 47/19)

Location of moorings deployed during CANEK39
(EFL1) 23°18.916N 81°06.467W
(EFL2) 23°29.524N 81°09.339W
(EFL3) 23°40.275N 81°12.506W
(EFL4) 23°49.457N 81°14.167W
(EFL5) 24°01.784N 81°16.837W
(EFL15) 24°08.811N 81°19.328W
(EFL6) 24°13.112N 81°21.987W
(EFL7) 24°24.151N 81°23.949W

LNM: 43/12

STRAITS OF FLORIDA - FOWEY ROCKS TO ALLIGATOR REEF: Hazard to Navigation (UPDATE: September 10, 2015)

The U.S. Coast Guard received a report in 2013 of an S/V allision with Pacific Reef Light (LLNR 935). The vessel was located approximately 250 yards west of the structure and has 6ft of mast protruding above the water. The area surrounding the structure is a hazard to navigation. Mariners are urged to avoid the area. (Ref: LNM 50/13, 37/15)

Pacific Reef Light (LLNR 935) is extinguished. The aid was deemed unsafe to climb due to severe deterioration to the structure and ladder. A Temporary Light (TRLT) with Fl Q W characteristics, with a 4NM range was placed on the NE corner of the aid approximately 8ft above the waterline. The TRLT may not be visible from certain angles depending on the mariners approach. (Ref: LNM 32/15)

Chart 11462 LNM: 50/13

STRAITS OF FLORIDA - FOWEY ROCKS TO ALLIGATOR REEF - THE ELBOW: Hazard to Navigation. (UPDATE: September 23, 2017)

Elbow Reef Light 6 (LLNR 950) is extinguished and missing all daymarks. The aid is unsafe to climb due to severe deterioration to the structure and the ladder. A Temporary Light (TRLT) with FL Q W characteristics has been affixed to the damaged structure on the north facing side of the

STRAITS OF FLORIDA - FOWEY ROCKS TO ALLIGATOR REEF - THE ELBOW: Hazard to Navigation. (UPDATE: September 23, 2017)

platform approximately 6 feet above the waterline, decreasing the nominal range to 4NM. The TRLT may not be visible from certain angles depending on the mariners approach. (Ref: LNM 04/16, 38/17, 39/17)

Chart 11462 LNM: 09/14

STRAITS OF FLORIDA - SOMBRERO KEY TO DRY TORTUGAS: Hazard to Navigation. (UPDATE: July 16, 2018)

Pelican Shoal Light 26 (LLNR 1020) is destroyed. The collapsed steel structure and wreckage is massive and poses a hazard to navigation. Wreckage is marked with a TRLB WR26, 5NM, displaying FL Q R characteristics in position 24-30-21.443N/081-35-59.412W. Mariners are advised to exercise extreme caution while transiting the area. (Ref: LNM 34/16, 29/18)

Chart 11434 LNM: 33/16

STRAITS OF FLORIDA – SOMBRERO KEY TO DRY TORTUGAS: FWC Temporary Lighted Buoys.

The Florida Fish and Wildlife Conservation Commission (FWC) is will be deploying three (3) lighted sonar buoy systems for approximately 1½ years to monitor fish spawning aggregations at Riley's Hump, Tortugas South Ecological Reserve. The buoys will be tethered to instruments that will allow FWC to remotely assess biomass, distribution, and seasonality of fish species in this important aggregation site. Tentative deployment date is May 15, 2019 and will remain on station until approximately October 31, 2020. Mariners are urged to use caution when transiting the area and be aware of equipment on the surface.

The three (3) lighted buoys will be equipped with a Fl W 2s characteristics:
Lighted Buoy A in approximate position: 24-29-26.100N / 083-07-17.460W
Lighted Buoy B in approximate position: 24-30-04.140N / 083-07-56.640W
Lighted Buoy C in approximate position: 24-30-18.000N / 083-08-42.000W

Chart 11434 LNM: 15/19

GULF OF MEXICO – FLORIDA – MANASOTA KEY: Reef Mitigation.

Cayo LLC will commence deploying limestone rock for mitigation reef off Manasota Key Beach, Fl approximately May 1, 2020 until approximately January 1, 2021. Operations will run from dawn to dusk. The project location 1500-2000FT off Manasota Key Beach between 26-56-03.24N/082-22-18.53W and 26-55-14.232N/082-21-53.953W. Tugs and barges will remain onsite throughout the duration of the project. Equipment used crane barge with excavator, two rock barges, a tugboat and a crew boat. The vessels will monitor VHF channels 10 and 16. Further information contact Cayo, David Wiseman at (386) 566-2823 or email dwiseman@cayo.us

Chart 11424 LNM: 16/20

SOUTH CAROLINA – CHARLESTON HARBOR – COOPER RIVER: Vertical Clearance Reduction on the Mark Clark I-526 Bridge.

Until further notice all mariners be advised the Mark Clark I-526 Bridge RACON Private aid (LLNR 2905.5) vertical clearance is less than the charted 155 feet due to the RACON sitting below, making the vertical clearance approximately 149.6 feet.

Chart 11524 LNM: 27/19

SOUTH CAROLINA – CHARLESTON ENTRANCE – CHARLESTON HARBOR: Post 45 Charleston Entrance Channel Maintenance (UPDATE May 21, 2020)

Great Lakes Dredge & Dock Company has commenced dredge operations February 15, 2018 in the Charleston Harbor Entrance Channel, South Carolina and will continue until approximately June 2022.

Dredging Operations by the Cutter Suction Dredges TEXAS and CAROLINA and support equipment will occur 24hrs/day at 7-days/week. Operations will occur from Charleston Harbor Channel LB 1 (LLNR 2370.1) to LB 16 (LLNR 2410). The Cutter Suction Dredge TEXAS is expected to commence dredging operations on April 22, 2020 in the Charleston Entrance Channel. The Cutter Suction Dredge CAROLINA is expected to continue dredging operations on May 15, 2020 in the Charleston Entrance Channel. Material will be pumped thru the 30" float hose (1800' length) connected to the Spider Barge GL 175. The Spider Barge will direct material into the scows, which will be towed using tugs to the placement areas. The 30" float hose will be marked with a flashing yellow light every 80' maximum. Multiple anchors are used to secure equipment in the work area(s) and surrounding vicinity. The anchors will be marked with yellow can buoys outfitted with flashing lights.

The MARY BENNET will be operating the Drag Barge GL-148 performing bed leveling operations. The Tug BREAK OF DAWN will also be performing dragging operations. Dredging expected to continue through September 30, 2020. The Tugs will tow the loaded scows and will place the dredged material in the Ocean Dredged Material Disposal Site (ODMDS) and Beneficial-Use Reefs. Commercial Anchorage B located adjacent to the South Channel and James Island within Charleston Harbor will be utilized throughout the project for periodically staging all vessels and waterside equipment, pipeline and pontoons.

The crew transfer vessels MUSKEGON RIVER and SAGINAW RIVER will transport crew and personnel daily from Salmons Dredging Marina located at 32□ 49' 55"N, 79□ 56' 31"W to the Dredges TEXAS and CAROLINA at their location at the time of transfer. Crew and material transfers will occur periodically between all equipment. The survey vessel PEARL RIVER will perform survey operations in all work areas. The vessels will be docked as needed at Salmons Dredging Marina located at 32□ 49' 55"N, 79□ 56' 31"W or Veterans Terminal – Zulu dock

To support safe dredging operations and monitor sea conditions a Wave Data Buoy will be deployed in the work area of the Charleston Entrance Channel. The Buoy is in approximate position 32-37-57.180N/079-38-25.296W displaying Fl Y 60s, 4M characteristics. The exact position of the Buoy is dependent on local tides and currents. Mariners are advised to exercise caution and remain clear of the area.

IMPORTANT: All material placement/disposal locations are currently UNDER CONSTRUCTION! Stay clear of ODMDS, Mitigation Reefs, and Beneficial Use Reefs, depths are shallower than current navigation charts. See enclosure section for project map, Data Wave Buoy information, and the current forecasted work areas including coordinates. GLDD POC: Matthew Paladino at: (630) 207-9936 or email: mpaladino@gldd.com (Ref: LNM 14/18, 18/17, 22/18, 31/18, 32/18, 42/18, 45/18, 50/18, 04/19, 08/19, 11/19, 16/19, 25/19, 16/20, 18/20)

Chart 11528 LNM: 08/18

SOUTH CAROLINA – CHARLESTON HARBOR - COOPER RIVER: South Carolina Ports Authority Hugh K. Leatherman, Sr.

SOUTH CAROLINA – CHARLESTON HARBOR - COOPER RIVER: South Carolina Ports Authority Hugh K. Leatherman, Sr. Terminal Construction (UPDATE March 26, 2020)

Cape Romain Contractors will begin construction work at the Hugh K. Leatherman, Sr. Terminal located along the western shore of the Cooper River, North Charleston, SC at (32° 50' 12N/079° 55' 59W) approximate completion date is August 2020. Dredging operations and stone revetment operations are completed. Steel barges will be moving around the localized site to de-mobilize equipment from the jobsite. Warning lights have been placed to outline the barges. Mariners are advised barges will be crossing the channels over the next few months and to use extreme caution when transiting the work area. Tugboats will monitor VHF Channel 13. For more information, contact the Project Manager, Greg Tuttle at (843) 884-5167 or greg@caperomaincontractors.com (Ref: LNM 43/18, 02/19, 15/19, 13/20)

UPDATE: Until further notice - HLK Terminal Lighted Buoy A (LLNR 2752) and HLK Terminal Lighted Buoy B (LLNR 2753) have been temporarily discontinued.

Chart 11524 LNM: 36/18

SOUTH CAROLINA – CHARLESTON HARBOR - COOPER RIVER: Test Pile Program, South Carolina Ports Authority Hugh K. Leatherman, Sr. Terminal Construction (UPDATE: April 11, 2018)

The construction work on the new Hugh K. Leatherman, Sr. Terminal is progressing the Test Pile Program is complete. The anticipated completion date of the terminal is planned for 2019. The seven (7) test piles are installed and permanent, displaying FL W characteristics, owned by the (SCPA) South Carolina Port authority. The piles will remain in the river on the waterside of the existing containment wall in the below locations. For further information, contact the SCPA, Project Manager, Edward (Butch) Weber at (843) 856-7049. (Ref: LNM 47/17, 18/18)

TP-1 32-50-20.975N / 079-55-59.768W
TP-2 32-50-21.002N / 079-55-59.544W
TP-3 32-50-13.349N / 079-55-59.029W
TP-4 32-50-21.192N / 079-55-59.753W
TP-5 32-50-21.121N / 079-55-59.543W
TP-6 32-50-16.335N / 079-55-58.840W
TP-7 32-50-25.591N / 079-55-59.488W

Chart 11524 LNM: 28/16

SOUTH CAROLINA – CHARLESTON HARBOR – COOPER RIVER - WANDO RIVER TERMINAL: Dredge Operations (UPDATE May 14, 2020)

Southern Dredging has commenced dredge operations March 1, 2020 in the Cooper River, South Carolina until approximately June 30, 2020 - operations will occur 24 hours per day, 7 days per week. Operations will begin in the Wando Welch Terminal State Port Dock in the Upper Reach of the Wando River between Wando River Terminal Lighted Buoy 6 (LLNR 33320) and LB 8 (LLNR 3330) on or about May 15 until approximately June 15, 2020. To ensure safe passage in the vicinity of the operations, mariners are advised to contact dredges CHEROKEE on VHF channels 13 and 16. Further information contact Neil Rodgers at (843) 729-1269 or Michael Kitchell at (843) 830-1015. (Ref: LNM 14/20, 20/20)

Chart 11524 LNM: 07/20

SOUTH CAROLINA – CHARLESTON HARBOR - WANDO RIVER TERMINAL: Lower Harbor Maintenance Dredging (UPDATE May 7, 2020)

Norfolk Dredging continues to perform dredging operations at the Wando Terminal Turning Basin on the Wando River with dredge VIRGINIAN, while the Bucket dredge ATLANTIC continues to operate throughout Wando River Lower Reach. The following channel reaches have yet to be deepened, so the dredges will continue to work throughout Lower Charleston Harbor: Hog Island Reach, Upper Wando Reach, Wando Turning Basin and Berth, Horseshoe Reach, Mt Pleasant Reach, Bennis Reach, and Rebellion Reach. Both Dredges are loading Mud Scows and towing them to the Ocean Dredged Material Disposal Site (ODMDS) located 6.5 miles southeast of Jones Island Range Lighted Bell Buoy 17 (LLNR 4640) near the end of the SW Jetty. This portion of the project is expected to continue until approximately August 11, 2022.

During this dredging project, the area in the ODMDS identified by perimeter coordinates:
32.65490983N, 79.74679812W
32.6504662N, 79.73747144W
32.63733481N, 79.7461599W
32.63148528N, 79.73342653W
32.61707993N, 79.742604W
32.62775988N, 79.76430559W

The Dredges will monitor VHF channels 13 & 16. Further information contact Norfolk Dredging at (757) 547-9391.

There will be three equipment mooring balls temporarily established north of the Wando Terminal and north of the Wando River Terminal Lighted Buoy 8 (LLNR 3330). The three moorings are for the scows and a fuel barge. A fourth scow mooring has been placed near Wando River Buoy 10 (LLNR 3335). Mariners are advised the moorings will be relocated frequently within the construction/dredging zone. (Ref: LNM 42/19, 48/19, 50/19, 14/20, 21/20)

Mooring #1 32-50-25.0769N/079-53-39.7577W
Mooring #2 32-50-33.0687N/079-53-46.1722W
Mooring #3 32-50-43.4845N/079-53-49.7842W
Mooring #4 32-51-2.2653N/079-53-54.3317W

Until further notice, the following aids are temporarily relocated:
Wando River Terminal Lighted Buoy 2 (LLNR 3300) to position 32-48-50.915N/079-54-34.634W
Wando River Terminal Lighted Buoy 3 (LLNR 3305) to position 32-49-15.110N/079-54-23.727W
Wando River Terminal Lighted Buoy 4 (LLNR 3310) to position 32-49-08.557N/079-54-15.547W
Wando River Terminal Lighted Buoy 5 (LLNR 3315) to position 32-49-35.043N/079-54-01.585W
Wando River Terminal Lighted Buoy 6 (LLNR 3320) to position 32-49-35.800N/079-53-43.551W
Wando River Terminal Lighted Buoy 7 (LLNR 3320.5) to position 32-49-53.247N/079-53-55.061W
Wando River Terminal Lighted Buoy 7A (LLNR 3325) to position 32-50-06.855N/079-53-51.515W

Charts: 11524 11528 LNM: 38/19

SOUTH CAROLINA – CHARLESTON – ASHLEY RIVER: Drainage/Construction Operations.
Conti Enterprises will commence construction activities in the Ashley River in Charleston, SC. The company will construct a pump station and outfall structure at 135 Lockwood Drive, Charleston, SC as part of Phase 4 of the Spring-Fishburne US 17 Drainage Improvements for the City of Charleston. This will involve the construction of a temporary work trestle, a temporary cofferdam, and a permanent outfall structure in the Ashley River. The work area is located between the two Route 17 bascule bridges on the east bank of the river in approximate position 32-47.3N/079-57.32W. Operations will begin on or around September 30, 2019 and will last until approximately July 31, 2022. Construction activities are expected to remain about 700' from the shipping channel for the duration of the project. Further information contact the Project Engineer, Chris Sweetgall at csweetgall@contienterprises.com or USCG Sector Charleston, Waterways Management Division at (843) 323-7761.

Chart 11524 LNM: 38/19

SOUTH CAROLINA – STONO AND NORTH EDISTO RIVERS - STONO RIVER: Temporarily Established to Mark Shoal.
There is severe shoaling in the vicinity of Stono River Daybeacon 3A (LLNR 3775.5) a TRUB Stono River Buoy 3B is temporarily established in position 32-39-43.590N/080-00-11.344W.

Chart 11522 LNM: 18/18

GEORGIA – SAVANNAH RIVER AND WASSAW SOUND – TYBEE KNOLL CUT: Dredging Operations (May 24, 2020)
Weeks Marine will begin operations with dredge J.S. CHATRY operating along the Savannah River between Tybee Knoll Cut Range Lighted Buoy 24 (LLNR 4740) and Acl Turning Basin Light 60 (LLNR 5020) in the Savannah Inner Harbor, Ga from approximately May 12 through September 30, 2020.

Staging Area 1 (Back River) for pipeline and equipment will be bound by the following approximate positions:
32° 5'55.395"N, 81° 4'40.587"W
32° 5'47.364"N, 81° 4'42.646"W
32° 5'12.789"N, 81° 3'55.472"W
32° 4'58.537"N, 81° 2'44.161"W
32° 5'11.886"N, 81° 2'38.846"W
32° 5'27.312"N, 81° 3'43.462"W

Staging Area 2 for supply barge will be bound by the following approximate positions:
32° 4'30.499"N, 80°57'42.102"W
32° 4'36.775"N, 80°57'34.912"W
32° 4'34.676"N, 80°57'31.622"W
32° 4'28.725"N, 80°57'38.638"W
The staging area(s) will be used throughout the duration of the project.

Subline Crossing 1 will be bound by the following approximate positions:
32° 5'35.965"N, 80° 59'28.139"W
32° 5'33.058"N, 80°59'26.767"W
32° 5'29.531"N, 80°59'33.368"W
32° 5'32.121"N, 80°59'35.084"W

The submerged pipeline will be removed at the completion of dredging operations. Dredging operations will continue twenty-four (24) hours per day, seven days per week basis. The dredge will monitor VHF channels 13 and 16. Mariners are urged to use extreme caution and transit the area at their slowest safe speed to create minimum wake after passing arrangements have been made. Further information contact the Project Managers on-site: Mr. James Ferguson at (985) 273-1286, jcferguson@weeksmarine.com or Mr. Ryan Welch at (985) 237-9667, rnwelch@weeksmarine.com

Charts: 11512 11514 LNM: 16/20

GEORGIA – SAVANNAH RIVER – SAVANNAH RIVER INNER HARBOR: Maintenance Dredging (UPDATE May 19, 2020)
Marinex Construction, Inc. will commence dredge operations in the Savannah River, Savannah, Georgia. Operations will begin on or about March 10 until approximately mid-May 2020 – 24 hours per day, 7 days per week. Dredge operations occurring in and around Tybee Knoll Cut Range Lighted Buoy 24 (LLNR 4740) and LB 25 (LLNR 4745). Both sides of the channel will be dredged, one at a time. Dredge SAVANNAH will monitor VHF channels 13 and 16. Further information contact Marinex (843) 722-9083. (Ref: LNM 21/19, 22/19, 24/19, 31/19, 35/19, 39/19, 42/19, 46/19, 52/19, 03/20, 07/20, 10/20, 14/20, 16/20, 17/20, 18/20, 19/20, 20/20).

Chart 11512 LNM: 18/19

GEORGIA – SAVANNAH RIVER – SAVANNAH INNER HARBOR: Savannah Harbor Expansion Project - Dredging Operations.
Norfolk Dredging will commence dredging operations on or around September 20, 2019 until approximately March 2021 for Savannah Inner Harbor Dredging part of the Savannah Harbor Expansion Project. Operations will occur between Kings Island and Fig Island within the Federal Navigation Channel encompassing the Savannah River and the Kings Island Turning Basin. Material will be pumped to upland disposal areas near the confluence of the Back River with the Savannah River in the vicinity of Jasper County, SC. Operations will occur in and around the channel a submerged pipeline will be placed, parallel along the north side of the channel. Submerged pipeline will be marked with buoys every 500' with appropriate signs and lights placed at pipeline entry and exit points. The pipeline length is approximately 42,000 feet at its longest and will cross the Back River near the eastern end of Fig Island to reach the upland disposal area. The dredge CHARLESTON will monitor VHF-FM channels 13, 16 and 4 for any emergencies the dredge operator can be reached at (757) 508-2326. Further information contact Norfolk at (757) 547-9391.

Chart 11514 LNM: 37/19

GEORGIA – SAVANNAH RIVER – SAVANNAH INNER HARBOR: Ongoing Dive Operations.
The U.S. Army Corps of Engineers Savannah District will be conducting dive operations upriver from the (DO) Dissolved Oxygen Injection System Plant on the Savannah River, in Effingham County located at 32-20-57.79N/081-09-40.18W. Dive operations will be from May 18 to June 1, 2020 during daylight hours. Further information contact Chip Chase of Poseidon Diving Inc. at 703) 508-3388 and/or Eric Crews with the U.S. Army Corps of Engineers at (912) 659-2832.

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GEORGIA – SAVANNAH RIVER – SAVANNAH INNER HARBOR: Ongoing Dive Operations.
The U.S. Army Corps of Engineers Savannah District will be conducting dive operations downriver from the (DO) Dissolved Oxygen Injection System Plant on the Savannah River, in Chatham County located at 32-06-56.99N/081-07-34.84W. Dive operations will be from May 25 to June 8, 2020 during daylight hours. Further information contact Steve Tassier of Commercial Dive & Marine at (912) 657-6039 and/or Eric Crews of the U.S. Army Corps of Engineers at (912) 659-2832.

Mariners are advised to keep a safe distance of at least 100 feet from the dive vessels on scene and pass each dive site at their slowest safe speed. All working vessels will be monitoring VHF channels 13 and 16. Further information contact the United States Coast Guard at (912) 247-0073.

Charts: 11512 11514 LNM: 20/20

GEORGIA – SAVANNAH RIVER AND WASSAW SOUND – SKIDAWAY ISLAND: Hazard to Navigation.
The U.S. Coast Guard temporarily established Skidaway Island Lighted Buoy WR25A displaying Fl Q G characteristics in position 31-59-15.876N/081-00-06.636W marking a submerged concrete hazard.
Chart 11512 LNM: 12/20

GEORGIA - OSSABAW AND ST. CATHERINES SOUNDS – OSSABAW SOUND: Shoal (UPDATE: April 23, 2018)
Significant shoaling has been found between Ossabaw North Channel Daybeacon 10 (LLNR 5760) in position 31-51-43.038N/081-02-05.559W and Ossabaw Sound North Channel Daybeacon 12 (LLNR 5770) in position 31-51-52.171N/081-03-26.282W. (Ref: LNM 17/18)

Due to shifting shoal:
Ossabaw Sound North Channel Buoy 10A (LLNR 5763) has been relocated to position 31-51-38.796N/081-02.55.766W
Ossabaw Sound North Channel Daybeacon 12 (LLNR 5770) has been temporarily change to a TRUB and relocated to position 31-51-52.171N/081-03-26.282W
Chart 11511 LNM: 14/18

GEORGIA - ST. SIMONS SOUND: Temporary Relocate.
Until further notice, St Simons Sound Lighted Buoy 19 (LLNR 6140) has been temporarily relocated to position 31-07-38.072N/081-23-46.352W due to the salvage operations of the M/V GOLDEN RAY.
Chart 11506 LNM: 04/19

FLORIDA – ST. JOHNS RIVER – MAYPORT CUT/SHERMAN CUT/MILE POINT/TRANING WALL/WHITE SHELLS AND ST. JOHNS BLUFF: Construction Dredge Operations, 47-foot Project (UPDATE April 7, 2020)
Great Lakes Dredge & Dock Company has commenced dredge activities November 14, 2018 in the Jacksonville Harbor, Cut-7 to Cut-42 in Duval County, Florida and will continue until approximately fall 2020, Contract B Project, Cut-7 to Cut-42. Operations will occur 24 hours per day – 7 days per week.

Dredging activities continue on the St. Johns River, from the eastern end of Blount Island, outbound to Mile Point Lighted Buoy 22 (LLNR 7270). The Cutter Suction Dredge TEXAS and the Mechanical Dredges NEW YORK, GL 58, GL 53, GL 55 are excavating material from varying cuts along this portion of the Entrance Channel. The material is loaded into Dump Scows and sailed offshore by Towing Tugs (MISS GILL, INDIAN DAWN, STEVEN WAYNE, OCEAN TOWER, GULF DAWN, LAYLA RENEE) and deposited into the ODMDS - approximately 5 miles offshore of the St. Johns Jetty's and south of the Entrance Channel. To monitor sea conditions a Wave Buoy has been placed offshore in position 30-19-35.2182N/081-16-53.5651W. See the enclosure section for the project limits within the St. Johns River Channel along with disposal coordinates in the offshore disposal site (ODMDS). For additional information, contact Great Lakes at (630) 574-3000. (Ref: LNM 51/18, 09/19, 10/19, 13/19, 15/19, 18/19, 29/19, 41/19, 48/19, 49/19, 01/20, 04/20,10/20,15/20)

Until further notice, the following aids are temporarily relocated:
St Johns River Entrance Lighted Buoy 3 (LLNR 7125) to position 30-23-43.981N/081-21-37.514W
St Johns River Entrance Lighted Buoy 4 (LLNR 7130) to position 30-23-54.670N/081-21-34.513W
St Johns River Entrance Lighted Buoy 11 (LLNR 7195) to position 30-24-05.518N/ 081-25-04.836W
White Shells Cut Lighted Buoy 27 (LLNR 7315) to position 30-23-31.646N/081-29-05.269W
Fulton Cutoff Lighted Buoy 34 (LLNR 7340) to position 30-23-32.154N/081-29-48.714W
Fulton Cutoff Lighted Buoy 35 (LLNR 7345) to position 30-23-23.928N/081-30-22.072W
Fulton Cutoff Lighted Buoy 37 (LLNR 7365) to position 30-23-26.144N/081-30-38.489W (Ref: LNM 15/20)
Dunn Creek Lighted Buoy 55 (LLNR 7490) to position 30-24-28.729N/081-35-14.166W

Until further notice, the following aids are temporarily activated with a Synthetic-AIS signal:
Sherman Cut Lighted Buoy 18 (LLNR 7250) MMSI: 993672661
Mile Point Lighted Buoy 22 (LLNR 7270) MMSI: 993672662
Mile Point Lighted Buoy 24 (LLNR 7280) MMSI: 993672636
White Shells Cut Lighted Buoy 25 (LLNR 7305) MMSI: 993672634

Until further notice, Mile Point Light C (LLNR 7230) has been temporarily disestablished to facilitate dredging
Chart 11491 LNM: 46/18

FLORIDA - ST. JOHNS RIVER: Dredging Operations.
Dutra Dredging will resume dredge operations on or about December 15, 2019 in Jacksonville, FL in various areas of the St. Johns River Cuts 3 to 7, located at around 30°24'5.40"N and 81°24'24.37"W and disposal site at ODMDS about 7 miles SE until approximately June 30, 2020. Operations will occur 24 hours per day – 7 days per week. Dredge STUYVESANT, call sign WNFX will carry out dredging operations and is equipped with navigation lights. Tender Tugs, survey vessels and other equipment will also be present in the construction area. All vessels will monitor VHF channels 12, 13, and 79. Mariners are advised to use extreme caution while transiting the dredge area. Further information contact the Project Manager, Ray Waters at (415) 450-0871 or Zach Jenckins at (808) 208-3704.
Chart 11491 LNM: 50/19

FLORIDA - ST. JOHNS RIVER - RACY POINT TO CRESCENT LAKE - DUNN CREEK- US 17 (SR15) BRIDGE: Reduction in Vertical

FLORIDA - ST. JOHNS RIVER - RACY POINT TO CRESCENT LAKE - DUNN CREEK- US 17 (SR15) BRIDGE: Reduction in Vertical Clearance (UPDATE May 5, 2020)

The U.S. Coast Guard received a report on the overhead cables across the Dunn Creek Bridge in Satsuma, Florida. Cable height at the lowest point is approximately 36 feet above water at high tide in the center of the fenders. The current NOAA chart of the area states "Bridge under construction (see note) OVHD PWR CABS AUTH CL 55 FT." Mariners are advised to proceed with caution when transiting the area. (Ref: LNM 17/19, 18/20)

Chart 11492 LNM: 14/19

FLORIDA – ST. JOHNS RIVER – TERMINAL CHANNEL: Ongoing Dive Operations.

Underwater Mechanix will be conducting dive operations along the piers off Talleyrand Marine Terminal. Mariners are advised that divers will be in the water along the entire length of the Talleyrand Marine Terminal pier through November 2020. Dive Operations will be intermittent in nature. Dive boats with flags will be on location when divers are present in the water. Vessels needing to communicate with the dive boats can hail them on VHF-FM radio channel 16. Mariners are advised to remain a minimum of 100 feet away from all areas where divers are actively engaged.

Chart 11491 LNM: 43/19

FLORIDA - ST. JOHNS RIVER - RACY POINT CUT: Hazard to Navigation.

Racy Point Cut Range Front Light (LLNR 7940) is partially destroyed and extinguished. Mariners are advised to proceed with caution when transiting the area.

Chart 11492 LNM: 21/20

FLORIDA - TOLOMATO RIVER TO PALM SHORES - PONCE DE LEON INLET: TRLB Missing/North Jetty Unlit.

Ponce De Leon Inlet North Jetty Light (LLNR 9520) destroyed during Hurricane Matthew. The TRLB marking the north jetty is missing. Mariners are advised to exercise extreme caution while transiting the area.

Chart 11485 LNM: 18/20

FLORIDA – FORT PIERCE – FORT PIERCE INLET INNER HARBOR: Artificial Reef.

Underwater Engineering Services, Inc has been contracted by St, Lucie County to construct an artificial reef in the Fort Pierce Inlet, Fl. Operations are scheduled to begin May 4 thru June 19, 2020. The reef will consist of 2-3′ limestone boulders placed in the water using a 70 crawler crane. The project location is 0.3 acre located south of Coon Island at SE: N27 degrees 28′13.92, W80 degrees 18′ 02.08SW coordinates: N27 degrees 28′ 12.47″; W 80 degrees 18′ 04.07". UESI has subcontracted McCulley Marine to supply tugboat REGINA T and barge Mobro 126 for the work platform.

Chart 11475 LNM: 16/20

FLORIDA – JUPITER – SIMS CREEK: Dredge Operations.

Cavache will commence dredging operations in the Sims Creek Channel area and transporting it directly via a pipeline to the upland dredged material management area located on 400 N. Delaware Blvd, Jupiter, FL on or about April 15 and will be completed no later than June 30, 2020. The portions of the pipeline closet to the dredge will remain floating and marked with flashing lights at night. The pipeline will be sunk along the channel. The dredge will monitor VHF channels 16 and 79. Boaters are urged to maintain safe distance from the dredge to avoid potential interference with the pipeline. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after arrangements have been made. Further information contact Cavache at (954) 568-0007.

LNM: 15/20

FLORIDA – FORT LAUDERDALE - PORT EVERGLADES: Scientific Diving Operations at USCG Station Fort Lauderdale.

In support of the Port Everglades Deepening Project (PEDP) Preconstruction Engineering and Design (PED) Phase, Pinnacle Ecological, Inc. (Pinnacle) will be conducting a shoreline structure and benthic assessment survey at the United States Coast Guard (USCG) Station Fort Lauderdale, located adjacent to the Intracoastal Waterway (ICWW) in Port Everglades. Diving operations will be May 18 through June 5, 2020 and supported by Pinnacle's 30-foot research vessel SCIENCE. Support personnel will monitor VHF-FM Channel 16 and VHF-FM Channel 14 for communication with USCG and Port Everglades Harbor Master. Mariners are advised to stay clear of scientific diving, coral relocation, and monitoring operations/dive flags, and floats by 200 yards. Further information and 24-hour contact Paul Fitzgerald at (561) 699-2609.

Scientific Diving Activities: USCG Station Fort Lauderdale in Port Everglades
NW Corner – 26-05.414N/080-06.836W
NE Corner – 26-05.414N/080-06.771W
SW Corner – 26-05.311N/080-06.810W
SE Corner – 26-05.313N/080-06.739W

Charts: 11467 11470 LNM: 20/20

FLORIDA – FORT LAUDERDALE – PORT EVERGLADES SOUTHPORT: Port Everglades Southport Turning Notch Expansion and Southport Crane Rail Infrastructure Improvements Project. (UPDATE September 20, 2019)

Orion Marine has commenced operations December 12, 2018. Construction will begin from the waterside using two crane loaded deck barges and two material barges; all being serviced by the push-boat BAYOU TEDDY. Simultaneously, while installing 900 feet of temporary sheet pile wall and 1200 feet of new environmentally friendly bulkhead from the waterside, Orion will be installing an additional 4000 feet of bulkhead on land. All barges will be spudded down inside the Port Everglades Berth 30 perimeter (26° 04' 26.34N/80°07' 02.49W) while installing the EFB wall and the temporary sheet pile wall. Operations will be completed approximately December, 2020. VHF radio communications will be broadcasted on channel 11. For further information, contact Edson Corredor, Project Controls Engineer at Orion Marine (813) 839-8441. (Ref: LNM 13/19, 39/19)

Port Everglades Southport Turn Light (LLNR 10385/47515) has been relocated to position 26-04-30.157W/080-06-55.177W. The characteristics have changed from a fixed red to a flashing white 2.5s located at the top of the structure, at a height of 25 feet. In addition, there are (3) three all around fixed white lights at the lower part of the structure, one on the north, east and south faces of the steel H-beam pile, approximately 9 feet above MLLW. (Ref: LNM 35/19)

Chart 11470 LNM: 46/18

FLORIDA – MIAMI HARBOR – MIAMI MAIN CHANNEL - MELOY CHANNEL: Temporary Buoy Established to Mark Shoal.

FLORIDA – MIAMI HARBOR – MIAMI MAIN CHANNEL - MELOY CHANNEL: Temporary Buoy Established to Mark Shoal. (UPDATE: July 19, 2017)

Shoaling has been found in Meloy Channel and marked by temporary white "Danger Shoal" Buoy displaying Fl W 4s characteristic position 25-46-08.7N/080-08-31.7W. The Buoy is positioned on the shallowest portion of the shoal and is in 4 feet of water at low tide. Shoal was found to be 200 feet long from north to south and 50 feet wide east to west. Mariners are strongly encouraged to use extreme caution while transiting the area.

Chart 11468 LNM: 28/17

FLORIDA - MIAMI HARBOR - FISHERMANS CHANNEL: Hazard to Navigation.

Fishermans Channel Light 17 (LLNR 10715) light is extinguished and a daymark is missing. Wreckage is marked with a TRLB displaying FL G 2.5s, 5M in position 25-46-21.111N/080-10-49.229W.

Chart 11468 LNM: 01/20

FLORIDA –MIAMI TO MARATHON AND FLORIDA BAY – VILLA CHANNEL: Private Aid Hazard to Navigation.

Private aid Villa Channel Daybeacon 5 (LLNR 11260) is reported destroyed with wreckage approximately 2ft above the waterline.

Chart 11451 LNM: 09/19

FLORIDA – MIAMI TO MARATHON AND FLORIDA BAY – HAWK CHANNEL: Private Aid/Hazard to Navigation.

Private aid Garden Cove Daybeacon 14 (LLNR 11610) is destroyed. The remains of the wreckage poses a hazard to navigation.

Chart 11451

FLORIDA – MIAMI TO MARATHON AND FLORIDA BAY – HAWK CHANNEL: Hazard to Navigation.

Tavernier Key Daybeacon 4 (LLNR 12050) is destroyed. The steel pile wreckage is marked with a TRLB WR4 displaying Fl Q R, 4NM characteristics.

Chart 11451 LNM: 28/19

FLORIDA – MIAMI TO MARATHON AND FLORIDA BAY – HAWK CHANNEL – TAVERNIER CREEK: Private Aid/Hazard to Navigation.

Private aid Tavernier Creek Daybeacon 17 (LLNR 12145) is reported destroyed. The remains of the wreckage are sticking approximately 1ft above the water and pose a hazard to navigation.

Chart 11451 LNM: 48/17

FLORIDA – FLORIDA KEYS – LA SIESTA RESORT: Private Aid Hazard to Navigation.

Private aid La Siesta Resort Daybeacon 2 (LLNR 12810) is reported destroyed with wreckage approximately 1ft above the waterline.

Chart 11442 LNM: 09/19

FLORIDA – FLORIDA KEYS - BOOT KEY EAST CHANNEL: Private Aid/Hazard to Navigation.

Private aid Boot Key Harbor East Channel Daybeacon 3A (LLNR 13816) was previously reported destroyed. The aid has been reported to have been rebuilt, however the position has not been verified and may be unreliable. Mariners are strongly encouraged to use extreme caution while transiting the area.

Chart 11442 LNM: 21/20

FLORIDA – BAHIA HONDA TO SUGARLOAF KEY – VENTURE OUT: Private Aid/Hazard to Navigation.

Private aid Venture Out Daybeacon 3 (LLNR 14086.2) reported destroyed. The remains of the pile poses a hazard to navigation.

Chart 11445 LNM: 28/19

FLORIDA – BAHIA HONDA KEY TO SUGARLOAF KEY – CUDJOE KEY: Private Aid/Hazard to Navigation.

Private aid Cudjoe Key Daybeacon 3A (LLNR 14345) is destroyed. The remains of the pile poses a hazard to navigation.

Chart 11445 LNM: 13/19

FLORIDA - BAHIA HONDA KEY TO SUGARLOAF KEY - STOCK ISLAND EAST CHANNEL: Private Aid/Hazard to Navigation.

Private aid Stock Island East Channel A Daybeacon 3A (LLNR 14595) reported destroyed. The remains of the wreckage may pose a hazard to navigation.

Chart 11445 LNM: 48/19

FLORIDA - BAHIA HONDA KEY TO SUGARLOAF KEY - SAFE HARBOR CHANNEL: Hazard to Navigation.

Safe Harbor Channel Light 3 (LLNR 14650) destroyed. The steel pile wreckage is marked with a TRLB WR3 displaying FL Q G, 3M characteristics in position 24-32-48.171N/ 081-43-59.569W.

Chart 11445 LNM: 17/20

FLORIDA – KEY WEST HARBOR– FLEMING KEY CUT: Partially Exposed Pipeline Segment.

A segment of exposed pipeline has been reported in Fleming Key Cut between 24-34.04337N/081-47.58584W and 24-34.04776N/081-47.57103W on the northeast side of Fleming channel approximately 750 feet east of the Fleming Key Bridge. Key West Pipeline Co. will proceed to restore coverage to the partially exposed pipeline segment. The restoration work is projected to be performed within 45-90 days. Mariners are advised to use caution while transiting the area. For more information, contact Sector Key West Command Center at (305) 292-8727.

Chart 11447 LNM: 18/20

FLORIDA - KEY WEST HARBOR AND APPROACHES - KEY WEST NORTHWEST CHANNEL: Hazard to Navigation.

The U.S. Coast Guard received a report of a partially submerged wreck on the East Jetty in the Northwest Channel, Key West, FL in approximate position 24-38-00.0N/ 081-53-00.0W. Due to heavy weather the wreck has started to break apart and debris may be present in adjacent waterways. Mariners are advised to exercise extreme caution and report all hazards to USCG Sector Key West via VHF-FM channel 16 or (305) 292-8727.

Chart 11441 LNM: 41/18

FLORIDA – KEY WEST HARBOR AND APPROACHES – GARRISON BIGHT CHANNEL: Hazard to Navigation.
Garrison Bight Channel Daybeacon 14 (LLNR 15025) is destroyed. The composite pile wreckage is marked with a TRLB "WR14", 4NM, displaying FL Q R characteristics. The TRLB is looped around the pile, which is leaning approximately 60 degrees 5 feet above the waterline.
Chart 11441 LNM: 44/19

FLORIDA – FLORIDA KEYS - TEN THOUSAND ISLANDS - EVERGLADES NATIONAL PARK: DUE TO HURRICANE IRMA, HAZARD TO NAVIGATION (UPDATE November 1, 2019)
Widespread submerged marine debris, including uncharted sunken vessels, remain within the park boundaries as a result of Hurricane Irma. Removal of submerged debris/ uncharted wrecks will not be completed until late 2020. Mariners are advised to use extreme caution when navigating park waters. For more information contact Everglades National Park, 305-242-7700 or https://www.nps.gov/ever/index.htm (Ref: LNM 41/17, 01/18, 06/18, 07/19, 45/19)
Chart 11433 LNM: 38/17

FLORIDA - FLAMINGO CHANNEL - EVERGLADES NATIONAL PARK: Private Aid/Hazard to Navigation.
Private aid Flamingo Channel Daybeacon 18 (LLNR 15720) is destroyed. The remains of the wreckage is approximately 1ft above the waterline at low-tide.
Chart 11433 LNM: 50/17

FLORIDA – EVERGLADES NATIONAL PARK - FLORIDA BAY - WHITEWATER BAY: Private Aid/Hazard to Navigation.
Private aid Whitewater Bay Daybeacon 23 (LLNR 15790) was reported destroyed with wreckage 1ft above the waterline. The steel pile may pose a hazard to navigation.
Chart 11433 LNM: 49/17

FLORIDA - CHATHAM RIVER TO CLAM PASS -INDIAN KEY PASS: Private Aid/Hazard to Navigation.
Private aid Indian Key Pass Daybeacon 13 (LLNR 16020) reported destroyed. The remains of the wreckage poses a hazard to navigation.
Chart 11429 LNM: 17/20

FLORIDA - LOSTMANS RIVER TO WIGGINS PASS - FAKA UNION CHANNEL: Private Aid/Hazard to Navigation (UPDATE June 13, 2018)
There are several reports regarding the hazardous Private Aids to Navigation Channel markers in the Faka Union Canal in Collier County. Several Private Aids to Navigation in this channel (Port of Island Marina) are discrepant and/or destroyed due to Hurricane IRMA. There are also reports of aids with steel I-beam stumps below the waterline. Mariners are advised to exercise extreme caution while transiting the area.
Chart 11430 LNM: 19/18

FLORIDA – LOSTMANS RIVER TO WIGGINS PASS – BIG MARCO RIVER: Private Aid/Hazard to Navigation.
Private aid Big Marco River Daybeacon 26 (LLNR 16900) is destroyed. The remains of the wreckage poses a hazard to navigation.
Chart 11430 LNM: 14/19

FLORIDA - LOSTMANS RIVER TO WIGGINS PASS - BIG MARCO PASS - GORDON PASS: Shoaling (Update December 13, 2018 Ref: LNM 51/18)
There is shoaling between Big Marco Pass-Gordon Pass Channel Daybeacon 1A (LLNR 17100) and Big Marco Pass-Gordon Pass Channel Daybeacon 3 (LLNR 17165). Big Marco Pass-Gordon Pass Channel (TRLB) 1B displaying Fl Q G, 4NM characteristics in position 25-58-42.795N / 081-44-21.260W is marking the shoal.(Ref: LNM 51/18)
Chart 11430 LNM: 10/18

FLORIDA - LOSTMANS RIVER TO WIGGINS PASS - BIG MARCO PASS - GORDON PASS: Hazard to Navigation.
The U.S. Coast Guard received a report of a submerged FWC slow speed marker outside of the Federal ICW channel in Johnson Bay in approximate position 26-0.918N/081-44.617W posing a hazard to navigation. Mariners are advised to exercise extreme caution when transiting the area.
Chart 11430 LNM: 13/20

FLORIDA – LOSTMANS RIVER TO WIGGINS PASS – BIG MARCO PASS-GORDON PASS: Shoaling.
Shoaling has been reported in the Gulf Intracoastal Waterway (GIWW) between Naples, Florida and Marco Island, Florida. Water depths between Big Marco Pass-Gordon Pass Daybeacon 65 (LLNR 17415) and Big Marco Pass-Gordon Pass Daybeacon 71 (LLNR 17435) have been reported as low as 5 ft. across the channel.
Chart 11430 LNM: 48/19

FLORIDA – FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS – WIGGINS PASS: Private Aid/Hazard to Navigation.
Private aid Wiggins Pass Daybeacon 10 (LLNR 17805) reported destroyed and poses a hazard to navigation. Mariners are advised to exercise extreme caution when transiting the area.
Chart 11427 LNM: 17/19

FLORIDA – FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS – SAN CARLOS BAY: Hazard to Navigation (UPDATE April 23, 2020)
San Carlos Bay Channel Light 2 (LLNR 18000) is destroyed. The steel pile wreckage is leaning. A TRLB displaying Fl Q R, 4M characteristics is marking the wreckage.
Chart 11427 LNM: 08/20

FLORIDA - FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS - MATANZAS PASS: Severe Shoal.
Due to an encroaching shoal, Matanzas Pass Channel Daybeacon 4 (LLNR 18095) position 26-27-55.397N/081-58-09.010W is not marking best water and has been temporarily discontinued. A TRUB has been temporarily established 40.5 yards in position 26-27-56.038N/081-58-10.142W to better mark the channel.
Chart 11427 LNM: 17/20

FLORIDA – ESTERO BAY TO LEMON BAY – ALLIGATOR CREEK: Shoal.
There is a report of a 90-foot-wide shoal at Alligator Creek that heads south and west across the channel between Alligator Creek Daybeacon 3 (LLNR 20225) and Daybeacon 11 (LLNR 20265) with depth of 4 feet observed at mean low tide. Mariners transiting this portion of Alligator Creek with draft concerns are advised to navigate with caution while passing through this area.

Chart 11426 LNM: 24/18

FLORIDA - ESTERO BAY TO LEMON BAY - BEENEY WATERWAY: Private Aid/Hazard to Navigation.
Private aid Beeney Waterway Daybeacon 3 (LLNR 20765) reported destroyed. The aid may pose a hazard to navigation.

Chart 11426 LNM: 08/20

FLORIDA – ESTERO BAY TO LEMON BAY – CHARLOTTE HARBOR – ACKERMAN, COUNTRYMAN AND SUNRISE WATERWAYS – Private Aids to Navigation.
The U.S. Coast Guard received reports regarding the private aids in three (3) waterways. These private aids reported do not appear to be on their original assigned position as noted in the Light List and chart. Mariners are advised to exercise caution while transiting the area.

Ackerman Waterway - Daybeacons 3-4, 8, 10, 12-16, 20 and 23
Countryman Waterway – LT 1, Junction Daybeacon A and Daybeacon 9
Sunrise Waterway – Junction Daybeacon B, Daybeacons 4-5

Chart 11426 LNM: 51/19

FLORIDA – ESTERO BAY TO LEMON BAY – COUNTRYMAN WATERWAY: Private Aid/Hazard to Navigation.
Private aid Countryman Waterway Channel Daybeacon 5 (LLNR 20995) reported destroyed. The remains of the wreckage poses a hazard to navigation.

Chart 11426 LNM: 02/20

FLORIDA – ESTERO BAY TO LEMON BAY – SPRING LAKE WATERWAY: Private Aid/Hazard to Navigation.
Private aid Spring Lake Waterway Daybeacon 3 (LLNR 21045) is destroyed. The remains of the wreckage is below the waterline at high tide and poses a hazard to navigation.

Chart 11411 LNM: 02/20

FLORIDA – CHARLOTTE HARBOR TO TAMPA BAY: Manasota Key and Knights Island Beach Project (UPDATE February 25, 2020)
Great Lakes Dredge will commence dredging activities for the Charlotte /Sarasota County Regional Beach Project. Operations will take place on or about January 20, 2020 until approximately May 20, 2020 - operations will occur 24 hours per day – 7 days per week. Tugs MR. CHESTER, SEA CYPRUS, CAPTAIN HERBERT, and Boosters ERIN and BARNEY along with a couple of barges will monitor VHF channels 13 and 16. Dredging will be in the borrow areas within the working area locations. All pipelines, anchors and the installed subline is marked with Yellow Can Buoys displaying Fl Yellow characteristics and Orange Norwegian Buoys. Two dredges DODGE ISLAND and PADRE ISLAND will pump ashore sand for the beach nourishment of Manasota Key and Don Pedro Island. For more information contact the Project Manager, Brian Dast at (630) 699-9995 email BDast@gldd.com or the Site Manager, Matt Ferrell at (630) 248-4078 email MFerrell@gldd.com or Shohei Ishikawa at (630) 217-1478 email sishikawa@gldd.com (Ref: LNM 06/20, 09/20)

Boosters and Pipeline Lat/Long coordinates:
A) 26.7354N/82.24034W
B) 26.73304N/82.23657W
C) 26.72966N/82.2392W
D) 26.73202N/82.24297W
E) 26.71967N/82.25568W
F) 26.71918N/82.25512W
G) 26.71707N/82.25838W
H) 26.71756N/82.25878W

Approximate working area locations:
I) 26-58-18.07N/82-23-37.75W
J) 26-56-22.90N/82-27-23.83W
K) 26-49-54.92N/82-23-0.24W
L) 26-51-9.94N/82-18-39.74W

Chart 11425 LNM: 03/20

FLORIDA - CHARLOTTE HARBOR TO TAMPA BAY - DONA BAY CHANNEL: Private Aid/Hazard to Navigation.
Private aid Dona Bay Channel Daybeacon 5 (LLNR 21455.5) reported destroyed. The remains of the wreckage poses a hazard to navigation.

Chart 11425 LNM: 18/19

FLORIDA - CHARLOTTE HARBOR TO TAMPA BAY - BIG SARASOTA PASS: Private Aid Hazard to Navigation.
Private aid Big Sarasota Pass Daybeacon 11 (LLNR 21510) is reported destroyed with wreckage below the waterline. Mariners are advised to exercise extreme caution while transiting the area.

Chart 11425 LNM: 09/19

FLORIDA – CHARLOTTE HARBOR TO TAMPA BAY – BIG SARASOTA PASS: SEVERE SHOAL.
The U.S. Coast Guard has received reports of shoaling in the vicinity of Private aid Big Sarasota Pass Daybeacon 13 (LLNR 21515). Mariners are advised to proceed with caution and remain a safe distance from Daybeacon 13 due to surrounding shoal and reduced water depth. This Private aid is owned and maintained by Sarasota County. The shoal will likely shift by the summer. Mariners are advised to use extreme caution while transiting the area and consult the latest Army Corps of Engineers hydrographic surveys for more information at

FLORIDA – CHARLOTTE HARBOR TO TAMPA BAY – BIG SARASOTA PASS: SEVERE SHOAL.
https://www.saj.usace.army.mil/Missions/Civil-Works/Navigation/Notices-to-Navigation/
Chart 11425 LNM: 03/19

FLORIDA - TAMPA BAY ENTRANCE - MULLET KEY CHANNEL: Mullet Key Channel Range Front Light Rebuilt.
Mullet Key Channel Range Front Light (LLNR 22355) rebuilt in new position 27-36-52.415N/082-39-46.397W approximately 300 yards east of the old position. A temporary light has been installed displaying Fl Q W, 4M characteristics marking the structure.
Chart 11415 LNM: 11/20

FLORIDA – TAMPA BAY – MULLET KEY CHANNEL: Mullet Key Channel Range Rear Light Rebuilt.
Mullet Key Channel Range Rear Light (LLNR 22360) rebuilt in position 27-36-57.109N/082-39-13.330W. Two temporary lights have been installed displaying Fl Q W, 4M characteristics marking the structure.
Chart 11415 LNM: 20/20

FLORIDA - TAMPA BAY - GADSDEN POINT CUT: Gadsden Point Cut Range Rear Light Rebuilt (UPDATE
Gadsden Point Cut Range Rear Light (LLNR 22855) rebuilt in new position 27-48-47.978N/082-26-12.754W approximately 250 yards west of old position. Two temporary passing lights have been installed each displaying Fl Q W, 4M characteristics marking the structure. (Ref: LNM 20/20)
Chart 11416 LNM: 12/20

FLORIDA – TAMPA BAY – HILLSBOROUGH BAY - ALAFIA RIVER: Hazard to Navigation.
The U.S. Coast Guard received a report of a destroyed Idle Speed No Wake Regulatory waterway marker in approximate position 27-51.993N/082-19.052W posing a hazard to navigation.
Chart 11416 LNM: 17/20

FLORIDA – TAMPA BAY – WEEDON ISLAND CHANNEL: Private Aids to Navigation/Hazard to Navigation.
The U.S. Coast Guard has been advised that the Weedon Island Channel Private Aids have been removed. The lighted buoys have been removed; however the moorings remain in the water. The lights on the ranges have also been removed, but not the structures, which may pose a hazard to navigation. Mariners are advised to exercise extreme caution while transiting the area.

Weedon Island Channel Entrance Lighted Buoy 1 (LLNR 23795)
Weedon Island Channel Entrance Lighted Buoy 2 (LLNR 23800)
Weedon Island Channel Range Front Light (LLNR 23805)
Weedon Island Channel Range Rear Light (LLNR 23810)
Chart 11416 LNM: 12/17

FLORIDA – TAMPA BAY - WESTSHORE MARINA: Construction Operations of Former Imperial Marina Basin.
Orion Marine Construction, Inc will commence construction operations beginning April 2020 until approximately January 2021. Operations include installation of stone revetment and dredging in the former Imperial Yacht Basin located in Old Tampa Bay. Operations include placing core material and limestone rock along the southern and western edges of the peninsula with both land based equipment and barge mounted cranes. Orion will be mechanically dredging the basin to the north side of the peninsula. There will be 2-3 barges (dredge barge OU-793) and a tugboat ORION BRAVE working channel 79. Further information contact Jonathan Sawicky, Superintendent at (813) 239-7844 and Bryan McDewell, Project Engineer at (813) 508-6898.
Chart 11416 LNM: 11/20

FLORIDA - TAMPA BAY - Howard Franklin Bridge Water Moorings (UPDATE May 18, 2020)
Archer Western will begin work for the future construction of the new Howard Franklin Bridge. Pilot hole drilling will begin on or about March 3, 2020 and continue Monday-Friday (7am-5pm) occasional Saturdays (7am-5pm) until approximately March 2021. Drill rigs will be mounted on the spud barges and pushed from location to location. There are three transport boats tied off to the spud barges during the course of the work. Buoys will be marking the seagrass. Further information contact Troy Sullivan at Universal Engineering Services at (813) 740-8506 or USCG Sector St. Petersburg at (813) 228-2191.
Chart 11416 LNM: 10/20

FLORIDA – TAMPA BAY – COQUINA KEY CUT: Private Aid Hazard to Navigation (UPDATE: May 2, 2020)
Private aid Coquina Key Cut Daybeacon 8 (LLNR 24850) and Private aid Coquina Key Cut Daybeacon 9 (LLNR 24855) reported destroyed. The remains of the piles pose a hazard to navigation. (Ref: LNM 18/20)
Chart 11416 LNM: 07/20

FLORIDA – TAMPA BAY – BAYOU GRANDE CHANNEL: Private Aid/Hazard to Navigation.
Private aid Bayou Grande Channel Daybeacon 51 (LLNR 25245) reported destroyed. The remains of the piling is partially submerged below the waterline and poses a hazard to navigation.
Chart 11416 LNM: 27/19

FLORIDA - TAMPA BAY TO PORT RICHEY - CLEARWATER MARINA CHANNEL: Shoaling.
The U.S. Coast Guard received a report of shoaling in the vicinity of Clearwater Marina Daybeacon 3 (LLNR 25735) and Clearwater Marina Daybeacon 4 (LLNR 25745) in approximate position 27-57.633N / 082-48.857W.
Chart 11411 LNM: 38/17

FLORIDA – TAMPA BAY TO PORT RICHEY – DUNEDIN PASS – DUNEDIN MARINA: Maintenance Dredging.
Gator Dredging will commence dredge operations within the Dunedin Marina and entrance channel on or about May 18, 2020 until approximately November 2, 2020 – Monday through Saturday from 7:00am until 6:00pm. Dredge area around Dunedin Marina Daybeacon 1 (LLNR 25950) to St Joseph Sound Daybeacon 5 (LLNR 61870). The dredge GATOR will monitor CHF channels 16 and 68. Mariners are urged to use extreme caution in the area, transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. Work

FLORIDA – TAMPA BAY TO PORT RICHEY – DUNEDIN PASS – DUNEDIN MARINA: Maintenance Dredging.
vessels, dredge barge, and buoys will be lighted and marked until all the work is complete and can change configuration daily. Further information contact Kyle Bulleit at (727) 527-1300 ext. 237.

Chart 11411 LNM: 17/20

FLORIDA – TAMPA BAY TO PORT RICHEY - ANCLOTE ANCHORAGE SOUTH ENTRANCE: Hazard to Navigation.
The U.S. Coast Guard received a report of a broken metal I-beam approximately 1.5ft below the surface at high tide in approximate position 28-09.145N/082-50.413W.

Chart 11411 LNM: 28/17

FLORIDA - TAMPA BAY TO PORT RICHEY - SEA FOREST CUT CHANNEL: Private Aid Hazard to Navigation.
Private aid Sea Forest Cut Channel Daybeacon 9 (LLNR 26451.8) is reported destroyed. The wreckage may pose a hazard to navigation.

LNM: 46/19

FLORIDA – TAMPA BAY TO PORT RICHEY - PITHLACHASCOTEE RIVER: Hazard to Navigation.
Pithlachascotee River Daybeacon 3 (LLNR 26520) is destroyed. The remains of the steel pile is marked with a TRLB WR displaying Fl Q G, 4M characteristics.

Chart 11411 LNM: 07/20

FLORIDA - ANCLOTE KEYS TO CRYSTAL RIVER - HUDSON CREEK: Private Aid/Hazard to Navigation.
Private aid Hudson Creek Light 2 (LLNR 27015) reported destroyed. Wreckage is 1ft above the waterline and poses a hazard to navigation.

Chart 11409 LNM: 08/17

FLORIDA - ANCLOTE KEYS TO CRYSTAL RIVER - HUDSON CREEK: Private Aid/Hazard to Navigation.
Private aid Hudson Creek Daybeacon 16 (LLNR 27070) is destroyed and partially submerged. The remains of the wreckage poses a hazard to navigation.

Chart 11409 LNM: 35/19

FLORIDA – ANCLOTE KEYS TO CRYSTAL RIVER – HUDSON BEACH PARK: Private Aid/Hazard to Navigation.
Private aid Hudson Beach Park Daybeacon 5 (LLNR 27130) reported destroyed and poses a hazard to navigation.

Chart 11409 LNM: 30/19

FLORIDA - ANCLOTE KEYS TO CRYSTAL RIVER - HUDSON BEACH PARK: Private Aid/Hazard to Navigation.
Private aid Hudson Beach Park Daybeacon 9 (LLNR 27142.1) reported destroyed and poses a hazard to navigation.

Chart 11409 LNM: 28/18

FLORIDA – ANCLOTE KEYS TO CRYSTAL RIVER – SEA PINES CHANNEL: Private Aid/Hazard to Navigation.
The U.S. Coast Guard received a report of Sea Pines Channel Daybeacon 26 (LLNR 27245) is destroyed and the wreckage poses a hazard to navigation.

Chart 11409 LNM: 13/20

FLORIDA – ANCLOTE KEYS TO CRYSTAL RIVER – HERNANDO BEACH CHANNEL: Private Aid/Hazard to Navigation.
Private aid Hernando Beach Channel Daybeacon 34 (LLNR 27660) is reported destroyed. The remains of the pile is broken and poses a hazard to navigation.

Chart 11409 LNM: 23/19

FLORIDA - CRYSTAL RIVER TO HORSESHOE POINT - WITHLACOOCHEE RIVER: Hazard to Navigation.
Withlacoochee River Entrance Daybeacon 3A (LLNR 29385) is destroyed. The steel pile is temporarily replaced with a TRLB displaying Fl Q W, 5M characteristics. Mariners are advised to exercise caution while transiting the area.

Chart 11408 LNM: 20/20

FLORIDA - HORSESHOE POINT TO ROCK ISLAND - STEINHATCHEE RIVER: Hazard to Navigation (UPDATE December 12, 2019)
Steinhatchee River Daybeacon 48 (LLNR 30580.9) is destroyed. The steel pile wreckage is marked with a TRLB WR48 displaying Fl Q R characteristics in position 29-40-07.619N/083-23-13.256W

Chart 11407 LNM: 50/19

WEST INDIES – PUERTO RICO – BAHIA DE SAN JUAN - PUERTO NUEVO CHANNEL: Dredging Operations (UPDATE March 9, 2020)
Cashman Dredging will commence dredge operations in the Puerto Nuevo Channel, San Juan, Puerto Rico on approximately January 15, 2020 until approximately May 31, 2020. The marine equipment will be located throughout the work area during operations. The project will utilize the Dredge FJ BELESIMO and the Dump Scow EDDIE CARROLL. Loaded scows will be transported to the Ocean Dredge Material Disposal Site (ODMDS), located approximately 2.2 nautical miles northwest of San Juan Harbor. The marine equipment will be supported by the tugs BALTIC DAWN, PIKE, and RANGER and survey vessel SURVEY 4. All vessels will monitor VHF channels 16 and 13. Operations will be conducted 24 hours, seven days a week. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For further information contact Cashman Dredging and Marine at (617) 890-0600 or info@jaycashman.com (Ref: LNM 10/20)

Chart 25670 LNM: 53/19

WEST INDIES - PUERTO RICO – BAHIA DE SAN JUAN – SAN ANTONIO APPROACH CHANNEL: Hazard to Navigation – Collision at PIER 3 in San Juan Harbor
A cruise ship made contact with and collapsed two steel breasting dolphins at Pier 3 in San Juan Harbor. Currently, there are two large orange markers (Cherry Fenders) marking the wreckage.

Chart 25670

WEST INDIES - PUERTO RICO – BAHIA DE SAN JUAN – SAN ANTONIO APPROACH CHANNEL: Hazard to Navigation – Collision at PIER 3 in San Juan Harbor

LNM: 08/19

WEST INDIES – PUERTO RICO – BAHIA DE SAN JUAN – SAN ANTONIO CHANNEL: Hazard to Navigation.
The U.S. Coast Guard received a report of a metal object sticking 2ft out of the water in approximate position 18-27.55N/066-05.29W in the San Antonio Channel in between San Juan Bay Marina and Club Nautico. Mariners are advised to transit the area with extreme caution. Further information USCG Sector San Juan can be contacted on VHF-FM channel 16 or (787) 289-2041.

Chart 25670 LNM: 19/19

WEST INDIES – PUERTO RICO – BAHIA DE SAN JUAN HARBOR: Hazard to Navigation (UPDATE)
The U.S. Coast Guard received a report of several submerged obstructions found west of Pier 3 at an approximate depth of 30ft in approximate position 18° 27' 42.72N/66° 6' 43.559W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.

Chart 25670 LNM: 42/17

WEST INDIES – PUERTO RICO – BAHIA DE FAJARDO AND APPROACHES: Hazard to Navigation.
Las Croabas Daybeacon 2 (LLNR 31170) was destroyed during Hurricane Maria. The remains of the steel pile are outside of the channel in shoal water. A TRUB is temporarily marking the remains.

Chart 25667 LNM: 10/18

WEST INDIES – PUERTO RICO – BAHIA DE FAJARDO: Hazard to Navigation (UPDATE)
The U.S. Coast Guard received a report of an obstruction approaching Western Marina at an approximate depth of 2ft in approximate position 18° 20' 38.587N,/65° 38' 11.507W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.

Chart 25667 LNM: 42/17

WEST INDIES – PUERTO RICO – BAHIA DE FAJARDO: Hazard to Navigation (UPDATE)
The U.S. Coast Guard received a report of an obstruction in the Northern Channel approaching the Western Marina at an approximate depth of 7ft in approximate position 18° 20' 42.003N/65° 38' 8.479W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.

Chart 25667 LNM: 42/17

WEST INDIES – PUERTO RICO – BAHIA DE FAJARDO: Hazard to Navigation.
The U.S. Coast Guard received a report of a submerged wreck in central Fajardo Bay at an approximate depth of 21ft in approximate position 18-20.39N/065-37.31W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.

Chart 25667 LNM: 42/17

WEST INDIES – PUERTO RICO – BAHIA DE FAJARDO: Hazard to Navigation (UPDATE)
The U.S. Coast Guard received a report of a submerged wreck in northern Fajardo Bay at an approximate depth of 17ft in approximate position 18° 20' 39.678N/65° 37' 31.821W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.

Chart 25667 LNM: 42/17

WEST INDIES (ISLA DE CULEBRA) – ENSENADA HONDA – CANAL DE ESTE: Hazard to Navigation.
Punta Colorada Lighted Buoy 9 (LLNR 31655) was off station. The lighted buoy is back on station in assigned position 18-17-35.352N 065-16-34.868W. However, the original lighted buoy that was report off station, remains in the shoal water on the south side of the Ensenada Honda, Canal Del Ester and may pose a hazard to navigation. Mariners are advised to use caution when transiting the area. Mariners are advised to use caution when transiting the area.

Chart 25654 LNM: 31/19

WEST INDIES – PUERTO RICO - BAHIA DE GUANICA: Hazard to Navigation (UPDATE)
The U.S. Coast Guard received a report of a submerged obstruction west of the main channel at an approximate depth of 19ft in approximate position 17° 57' 28.897N/66° 54' 34.189W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.

Chart 25679 LNM: 42/17

WEST INDIES (ST.THOMAS) – RED HOOK: NAVIGATIONAL AIDS UNRELIABLE.
The Navigational Aids located in Red Hook, St. Thomas may be unreliable. Not all ruins and dangers are marked or known due to the 2017 Hurricane's IRMA and MARIA. The Lights on the aids may be unreliable and the aids should be considered unlighted.

Daylight restrictions are in effect for all vessels except the Ferries. Mariners must use extreme caution when navigating through the area and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.

Chart 25649 LNM: 47/17

WEST INDIES (ST THOMAS) - CAY BAY: Hazard to Navigation.
The U.S. Coast Guard received a report of obstructions in the waterway located approximately at 18-19N/064-50W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.

Chart 25649 LNM: 42/17

WEST INDIES (ST.CROIX) CHRISTIANSTED HARBOR CHANNEL: NAVIGATIONAL AIDS UNRELIABLE.

WEST INDIES (ST.CROIX) CHRISTIANSTED HARBOR CHANNEL: NAVIGATIONAL AIDS UNRELIABLE.
The Navigational Aids located in Christiansted Harbor Channel, St. Croix may be unreliable. Not all hazards and dangers are marked or known due to the 2017 Hurricane's IRMA and MARIA. The lights on the aids may be unreliable and the aids should be considered unlighted. Mariners must use extreme caution when navigating through the area and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.
Chart 25645 LNM: 04/19

WEST INDIES (ST. CROIX) – CHRISTIANSTED HARBOR: Hazard to Navigation.
The U.S. Coast Guard received a report of an obstruction in the waterway located approximately 17-44.49N/064-42.00W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.
Chart 25645 LNM: 42/17

WEST INDIES (ST. CROIX) – CHRISTIANSTED HARBOR: Hazard to Navigation.
The U.S. Coast Guard received a report of an obstruction in the waterway located approximately 17-45.70N/064-41.52W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.
Chart 25645 LNM: 42/17

WEST INDIES - (ST. CROIX) VIRGIN ISLANDS: Hazard to Navigation.
Coakley Bay Light 1 (LLNR 33055) is destroyed. The steel pile wreckage is broken 3ft above the waterline and poses a hazard to navigation.
Chart 25641 LNM: 49/17

WEST INDIES (ST. CROIX) – LIME TREE BAY: Hazard to Navigation.
The U.S. Coast Guard received a report of shoaling in approximate position 17-41.24N/064-45.07W that has encroached into the cross channel in Lime Bay Tree around and near Lime Tree Bay Channel Junction Light LK (LLNR 33190). The water depths in the shoal areas are estimated to be 18 to 22ft MLLW. Mariners are advised to exercise extreme caution. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.
Chart 25641 LNM: 42/17

WEST INDIES (ST. CROIX) – LIME TREE BAY: Hazard to Navigation.
The U.S. Coast Guard received a report of 10 shipping containers found alongside the container pier in Lime Tree Bay located in approximate position 17-41.34N/064-45.10W. Mariners are advised to exercise extreme caution and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.
Chart 25641 LNM: 42/17

WEST INDIES (ST. JOHN) – PILLSBURY SOUND - CRUZ BAY: NAVIGATIONAL AIDS UNRELIABLE.
The Navigational Aids located in Cruz Bay, St. John may be unreliable. Not all ruins and dangers are marked or known due to the 2017 Hurricane's IRMA and MARIA. The Lights on the aids may be unreliable and the aids should be considered unlighted. Mariners are advised to use extreme caution when navigating through the area and report all sightings to USCG Sector San Juan via VHF-FM channel 16 or (787) 289-2041.
Chart 25647 LNM: 47/17

WEST INDIES - HAITI - PORT-AU-PRINCE: NAVIGATIONAL AIDS UNRELIABLE.
The Navigational Aids located in Port-Au-Prince and near Port-Au-Prince South Pier may be unreliable. Not all ruins and dangers are marked or known due to the January 2010 Earthquake. Lights on the aids may be unreliable and the aids should be considered unlighted. The mariner must use extreme caution when navigating through the area. Chart: 26186
LNM: 49/13

WEST INDIES - HAITI - CAP HAITIEN: NAVIGATIONAL AIDS UNRELIABLE.
The floating Navigational Aids located in Cap Haitien may be unreliable. Lights on some aids are from sources other than the U.S. Coast Guard and should be considered unlit. Mariners are advised to use extreme caution when navigating the area.
LNM: 12/14

SOUTH CAROLINA – AICW – MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK: Temporary Buoy Established.
Little River-Winyah Bay TRUB 16B is temporarily established in position 33-49-36.99N/078-40-30.01W due to rock out cropping near the channel. The buoy marks the edge of the channel. Mariners are advised to exercise caution when transiting the area.
Chart 11534 LNM: 26/19

SOUTH CAROLINA – AICW - MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK - WINYAH BAY – CHARLESTON HARBOR: Depth of Channel.
The U.S. Coast Guard has found at low-tide depths of less than 5ft of water in the middle of the channel between Winyah Bay-Charleston Harbor Channel Light 4 (LLNR 34120) and Winyah Bay-Charleston Harbor Daybeacon 5 (LLNR 34125). Mariners are advised to use caution while transiting the area.
Charts: 11532 11534 LNM: 35/16

SOUTH CAROLINA – AICW – CASINO CREEK TO BEAUFORT RIVER – WINYAH BAY - CHARLESTON HARBOR: Shoaling Extended.
Shoaling has been reported in the vicinity of Winyah Bay-Charleston Harbor Light 35 (LLNR 34235) and Daybeacon 42 (LLNR 34260). The reporting source also indicates that the depth of the water between Winyah Bay-Charleston Light 38 (LLNR 34245) and Daybeacon 42 (LLNR 34260) is approximately 4ft; however, the depth is charted at 7ft. The ACOE has no future plans for dredging due to budget restrictions. Further information can be found on the ACOE Charleston website http://www.sac.usace.army.mil/ Mariners are advised to use extreme caution while transiting the area.
Chart 11518 LNM: 37/16

SOUTH CAROLINA - AICW - CASINO CREEK TO BEAUFORT RIVER - WINYAH BAY - CHARLESTON HARBOR: Severe Shoaling.
There is severe shoaling at low-tide depths of 2ft across the AICW in the vicinity of Isle of Palms between Winyah Bay-Charleston Harbor Daybeacon 117A (LLNR 34510.5) 32-47-11.607N/079-48-33.383W and Winyah Bay-Charleston Harbor Daybeacon 119 (LLNR 34520) 32-46-49.809N/079-49-23.561W. Mariners are advised to use extreme caution while transiting the area.

Chart 11518 LNM: 47/18

SOUTH CAROLINA – AICW – CASINO CREEK TO BEAFORT RIVER – DAWHO RIVER: Shoaling/Temporary Buoy Established.
Due to shoaling Dawho River Buoy (TRUB 114) has been established in position 32-37-18.600N/080-17-07.415W. Mariners are advised to transit the area with caution.

Chart 11518 LNM: 03/17

SOUTH CAROLINA –AICW – CASINO CREEK TO BEAUFORT RIVER – COOSAW RIVER: Hazard to Navigation (UPDATE July 17, 2019)
Coosaw River Light 191 (LLNR 35265) reported destroyed. The pile remains have been removed out of the channel and a TRUB has been set in position 32-29-58.802N/080-36-25.067W. (Ref: LNM 34/19)

Chart 11518 LNM: 29/19

GEORGIA- AICW - BEAUFORT RIVER TO ST. SIMONS SOUND - VERNON RIVER: Hazard to Navigation (UPDATE May 6, 2020)
Vernon River Light 86 (LLNR 36260) is destroyed. Aid rebuilt displaying "WR86" Fl Q R characteristics approximately 14.5 yards channelward from remains of old structure in new position 31-52-18.845N/081-04-33.783W. The remains of the old structure in position 31-52-18.834N/081-04-34.288W is sticking out of the water at low-tide and pose a hazard to navigation. Mariners are advised to exercise extreme caution while transiting the area. (Ref: LNM 20/20)

Chart 11507 LNM: 50/18

GEORGIA - AICW - BEAUFORT RIVER TO ST. SIMONS SOUND - VERNON RIVER: Shoaling.
Shoaling was found between Raccoon Key Light 87 (LLNR 36265) 31-51-59.248N/081-04-42.389W and Hell Gate Buoy 90 (LLNR 36277) 31-51-33.806N/081-05-02.056W.

Chart 11507 LNM: 50/17

GEORGIA - AICW – BEAUFORT RIVER TO ST. SIMONS SOUND – NORTH NEWPORT RIVER: Shoaling/Temporary Buoy Established.
Due to extensive shoaling at low tide a temporary aid (TRUB) has been established in position 31-40.108N/081-11.686W in between aids North Newport River Daybeacon 124 (LLNR 36525) and North Newport River Daybeacon 124A (LLNR 36525.5).

Chart 11507 LNM: 03/17

GEORGIA – AICW – BEAUFORT RIVER TO ST. SIMONS SOUND - DUPLIN RIVER: Hazard to Navigation (UPDATE March 23, 2020)
Doboy Sound Light 178 (LLNR 36795) is destroyed. The remains of the steel and wood piling poses a hazard to navigation. Wreckage is marked with a TRLB WR178 displaying Fl Q R characteristics in position 31-24-33.861N/081-18-39.890W approximately 30 yards channel ward to best mark wreckage.

Chart 11507 LNM: 40/19

GEORGIA - AICW - BEAUFORT RIVER TO ST. SIMONS SOUND - DARIEN RIVER: Shoaling.
Shoaling has been reported in Darien River between Darien River Daybeacon 12 (LLNR 36826.3) and Darien River Daybeacon 14 (LLNR 36826.4) observed depth was 3ft at MLLW.

Chart 11507 LNM: 36/17

GEORGIA – AICW – BEAUFORT RIVER TO ST. SIMONS SOUND – ROCKDEDUNDY RIVER: Hazard to Navigation.
Rockdedundy River Daybeacon 188 (LLNR 36850) is destroyed. The steel pile wreckage is marked with a TRLB WR188 displaying FL Q R characteristics in position 31-22-20.805N, 081-22-04.111W.

Chart 11507 LNM: 37/19

GEORGIA – AICW – BEAUFORT RIVER TO ST. SIMONS SOUND – LITTLE MUD RIVER: Hazard to Navigation.
Little Mud River Light 190 (LLNR 36865) is destroyed. Wreckage is marked with a TRLB WR190 displaying FL Q R characteristics in position 31-21-58.289N/081-20-03.343W.

Chart 11507 LNM: 37/19

GEORGIA - AICW - BEAUFORT RIVER TO ST. SIMONS SOUND - LITTLE MUD RIVER: Shoaling.
Shoaling has been reported in Little Mud River between Little Mud River Light 190 (LLNR 36865) and Little Mud River Light 195 (LLNR 36875) observed depth was 3ft at MLLW.

Chart 11507 LNM: 36/17

GEORGIA – AICW – ST. SIMONS SOUND TO TOLOMATO RIVER – JEKYLL CREEK: Hazard to Navigation.
Jekyll Creek Daybeacon 5 (LLNR 37297) is destroyed. The remains of the pile is partially submerged and poses a hazard to navigation. Wreckage is marked with a TRLB displaying a Fl Q G characteristics in temporary position 31-05-35.191N/081-26-25.704W.

Chart 11489 LNM: 12/19

GEORGIA - AICW - ST. SIMONS SOUND TO TOLOMATO RIVER - JEKYLL CREEK: Shoaling (UDPATE: December 5, 2017)
Shoaling was found between Jekyll Creek Jetty Daybeacon 6 (LLNR 37300) 31-05-35.070N/081-26-28.493W and Jekyll Creek Light 25 (LLNR 37360) 31-01-51.060N/081-26-07.080W with a depth of 3ft at MLW. (Ref: LNM 49/17)

Chart 11489 LNM: 38/16

GEORGIA – AICW – ST SIMONS SOUND TO TOLOMATO RIVER - JEKYLL CREEK: Hazard to Navigation.
Jekyll Creek Light 17 (LLNR 37325) is destroyed. The steel pile wreckage is marked with a TRLB displaying Fl Q G characteristics in position 31-04-16.276N/081-25-44.395W.

Chart 11488 LNM: 38/19

GEORGIA - AICW - ST. SIMONS SOUND TO TOLOMATO RIVER - UMBRELLA CREEK: Shoaling.
There are reports of shoaling in the vicinity of the following aids to navigation with depths of 1 foot observed at mean low water.

-Umbrella Creek Daybeacon A8 (LLNR 37435) in position 31-01-15.831N/081-29-11.183W
-Umbrella Creek Daybeacon A9 (LLNR 37440) in position 31-01-12.720N/081-29-07.980W
-Umbrella Creek Daybeacon A10 (LLNR 37443) in position 31-00-59.534N/081-28-58.680W
-Umbrella Creek Daybeacon A11 (LLNR 37445) in position 31-00-57.219N/081-28-54.698W

Chart 11489 LNM: 20/18

FLORIDA - AICW - ST SIMONS SOUND- TOLOMATO RIVER - SOUTH AMELIA RIVER: Hazard to Navigation (UPDATE December 31, 2019)
South Amelia River Daybeacon 23 (LLNR 38055) reported destroyed. The remains of the wreckage is marked with a TRLB displaying FL Q G, 4M characteristics temporarily relocated to position 30-35-30.467N/081-28-42.316W. Mariners are advised to exercise extreme caution when transiting the area.

Chart 11489 LNM: 53/19

FLORIDA - AICW - ST. SIMONS SOUND - TOLOMATO RIVER - SOUTH AMELIA RIVER: Shoaling.
The U.S. Coast Guard has observed shoaling in South Amelia River in the vicinity of South Amelia River Daybeacon 34 (LLNR 38100) in position 30-34-15.435N/081-28-00.227W. The shoal has extended southwest in the channel.

Chart 11489 LNM: 33/18

FLORIDA - AICW - ST. SIMONS SOUND - TOLOMATO RIVER - GUNNISON CUT AND SISITER CREEK: Shoaling (UPDATE June 21, 2019)
Shoaling has been reported in the vicinity of Gunnison Cut Light 72 (LLNR 38265) 30-26-57.881N/081-26-53.346W to Sisters Creek Light 75 (LLNR 38305) 30-26-18.540N/081-27-14.400W. Estimated depth reported to be shallower than 5.5ft at mean lower low tide. A temporary Buoy 73A has been established in position 30-26-41.175N/081-26-59.254W. (Ref: LNM 25/19, 26/19)

Chart 11489 LNM: 18/17

FLORIDA - AICW - ST. SIMONS SOUND - TOLOMATO RIVER - PABLO CREEK: Shoaling.
There is shoaling in the entrance to Pablo Creek between aids Light 5 (LLNR 38360) and Daybeacon 7 (LLNR 38370). Pablo Creek Buoy 5A has been temporarily established in position 30-22-32.052N/081-27-22.052W.

Chart 11489 LNM: 11/19

FLORIDA – AICW – TOLOMATO RIVER – PALM SHORES - SALT RUN CHANNEL: Dredging Operations.
Brance Diversified will commence dredge operations in the Salt Run Channel on or about March 9 until approximately late July 2020 - operations will occur 24 hours per day – 7 days per week. The 908 barge (140′ x 40′) and a Flexifloat digging rig (100′ x 40′) will carry out dredging operations and is equipped with navigation lights. A spud barge (150′ x 50′) will be spudded down at approximate 29-901174N/081-305611W. Hopper barges in varying sizes (250′ x 50′ / 230′ x 42′) will be tied to the spud barge and cycling from this location to Jacksonville for approximately 60-90 days. Tender Tugs, survey vessels and other equipment will also be present in the construction area and transiting across the channel in the Matanzas River in St. Augustine. Mariners are advised to use extreme caution while transiting the dredge area. Further information contact the Project Manager, Danielle May at (904) 923-2762 or Lance Young at (904) 570-0394.

Chart 11485 LNM: 10/20

FLORIDA – AICW – TOLOMATO RIVER – PALM SHORES – MATANZAS RIVER: Hazard to Navigation.
Matanzas River Light 1 (LLNR 39035) destroyed. The remains of the wreckage poses a hazard to navigation. A TRLB WR1 displaying Fl Q G characteristics has been set approximately 4.6 yards in approximate position 29-54-19.282N/081-17-44.060W.

Chart 11485 LNM: 12/20

FLORIDA - AICW - TOLOMATO RIVER - PALM SHORES - MATANZAS RIVER: Hazard to Navigation.
Matanzas River Daybeacon 10A (LLNR 39065) destroyed. The remains of the wreckage is above the waterline and poses a hazard to navigation. A TRLB WR10A displaying a Fl Q R characteristic, has been set approximately 10.6yds from the wreckage in approximate position 29-53-09.664N/081-18-08.253W.

Chart 11485 LNM: 51/19

FLORIDA – AICW – TOLOMATO RIVER – PALM SHORES – SAN SEBASTIAN RIVER: Hazard to Navigation (UPDATE March 12, 2020)
San Sebastian River Daybeacon 6 (LLNR 39120) destroyed. The remains of the wreckage is marked with a TRLB WR6 displaying Fl Q R characteristics.

Chart 11485 LNM: 10/20

FLORIDA - AICW - TOLOMATO RIVER - PALM SHORES - HALIFAX RIVER: Hazard to Navigation.
Halifax River Light 59 (LLNR 40345) destroyed and replaced with TRLB in position 29-08-09.413N 080-58-03.792W. The remains of the wreckage, which includes a concrete piling, remains un-located and poses a hazard to navigation.

Chart 11485 LNM: 21/20

FLORIDA - AICW - TOLOMATO RIVER - PALM SHORES - MATANZAS RIVER: Hazard to Navigation (UPDATE March 27, 2020)
Matanzas River Light 78 (LLNR 39515) reported destroyed. The steel pile wreckage is marked with a TRLB WR78 displaying Fl Q R characteristics set approximately 10 yards channel ward in approximate position 29-43-51.846N/081-15-00.544W.

FLORIDA - AICW - TOLOMATO RIVER - PALM SHORES - MATANZAS RIVER: Hazard to Navigation (UPDATE March 27, 2020)

Chart 11485 LNM: 12/20

FLORIDA – AICW - PORT CANAVERAL - CANAVERAL BARGE CANAL: Hazard to Navigation (UPDATE: March 23, 2018)

The U.S. Coast Guard received a report of an exposed steel piling above the waterline near Canaveral Barge Canal Light 12 (LLNR 41555). Wreckage is marked with a WR TRLB displaying Fl Q R characteristics in position 28-24-21.824N/080-43-55.746W. (Ref: LNM 09/17, 10/18, 13/18)

Chart 11478 LNM: 07/17

FLORIDA – PORT CANAVERAL – CANAVERAL BARGE CANAL: Hazard to Navigation.

The U.S. Coast Guard received a report a sunken vessel east of the SR3 Bridge in the Canaveral Barge Canal in approximate position 28-24.541N/080-41.915W.

Chart 11478 LNM: 48/19

FLORIDA – AICW - TOLOMATO RIVER TO PALM SHORES – MOSQUITO LAGOON - EAU GALLIE - INDIAN RIVER YACHT CLUB: Hazard to Navigation.

The U.S. Coast Guard received a report of a sunken S/V south of the SR 520/Kings Street Bridge in approximate position 28-21.065N/080-43.133W. Mariners are advised to exercise extreme caution when transiting the area.

Chart 11485 LNM: 47/19

FLORIDA - AICW - PALM SHORES TO WEST PALM BEACH - MOSQUITO LAGOON - EAU GALLIE - INDIAN RIVER (NORTH SECTION): Hazard to Navigation.

Indian River (North Section) Daybeacon 99 (LLNR 42335) is destroyed. Wreckage is marked with a TRUB. Mariners are advised to exercise extreme caution while transiting the area.

Chart 11472 LNM: 53/19

FLORIDA – AICW - PALM SHORES TO WEST PALM BEACH – TORTOISE ISLAND AND SAMSON ISLAND - WITHIN GRAND CANAL AND ADJACENT CANALS: Restoration Dredging Operations.

Gator Dredging will commence muck removal operations within the Grand Canal and adjacent canals within a subdivision, just north of Samson Island Park and just south of Patrick AFB. Operations will begin on or about October 1, 2019 until approximately November 30, 2022 - Monday through Saturday, 30 minutes after sunrise until 30 minutes before sunset. The dredge GATOR will monitor VHF channels 16 & 68. Mariners are urged to use extreme caution in the area, transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. Floating and submerged high density polyethylene (HDPE) pipeline associated with the hydraulic dredging operations of the canals will be utilized. Pipeline, work vessels, dredge barge, booster pump barge(s) and buoys will be visibly lighted and will be in the area until all work is complete. The configuration will change daily and Vessels and/or equipment will be in multiple locations at the same time. Further information contact Kyle Bulleit at (727) 527-1300 ext. 237.

Chart 11472 LNM: 38/19

FLORIDA - AICW - PALM SHORES TO WEST PALM BEACH - VERO ISLES: Hazard to Navigation.

Private aid Vero Isles Daybeacon 2 (LLNR 44400) reported destroyed. The pile remaining is just below the waterline and poses a hazard to navigation.

Chart 11472 LNM: 14/20

FLORIDA – AICW – WEST PALM BEACH TO MIAMI – NEW RIVER: Hazard to Navigation.

New River Daybeacon 5 (LLNR 47320) is destroyed. The steel pile wreckage is marked with a TRLB displaying Fl Q G, 4M characteristics.

Chart 11467 LNM: 09/20

FLORIDA - AICW - WEST PALM BEACH TO MIAMI - KEYSTONE POINT CHANNEL: Private Aid/Hazard to Navigation.

Private aid Keystone Point Channel Daybeacon 14 (LLNR 47875) reported destroyed. The remains of the concrete piling poses a hazard to navigation.

Chart 11467 LNM: 18/20

FLORIDA - AICW - WEST PALM BEACH TO MIAMI - MIAMI BEACH CHANNEL: Construction of Seawall.

Cayo LLC will commence construction of a shoreline protection seawall in front of Mount Sinai Medical Center in Miami, Fl approximately May 1, 2020 until February 1, 2021. Operations will run from dawn to dusk. The project location is 25-48-39.9100N/080-08-44.360W and 25-48-57.870N/080-08-22.650W. There will be a crane barge and small workboats onsite; all work will be out of the federal navigation channel. Further information contact Cayo, David Wiseman at (386) 566-2834 or email dwiseman@cayo.us

Chart 11467 LNM: 16/20

FLORIDA – AICW – WEST PALM BEACH TO MIAMI – BISCAYNE BAY: Hazard to Navigation.

Biscayne Bay Daybeacon 57 (LLNR 48490) is destroyed. The remains of the wreckage is marked with a TRLB WR57 displaying Fl Q G, 4M characteristics in position 25-46-19.494N/080-10-55.528W.

Chart 11467 LNM: 47/19

FLORIDA - AICW - WEST PALM BEACH TO MIAMI - ISLAND E CHANNEL: Private Aid/Hazard to Navigation.

Private aid Island E Channel Daybeacon 5 (LLNR 49055.5) reported submerged and poses a hazard to navigation.

Chart 11467 LNM: 19/20

FLORIDA – AICW – WEST PALM BEACH TO MIAMI – FOUR WAY ENTRANCE CHANNEL: Private Aid/Hazard to Navigation.

Private aid Four Way Entrance Channel Day beacon 11 (LLNR 49140) reported destroyed. The remains of the wreckage is submerged and poses a hazard to navigation.

Chart 11467 LNM: 19/20

FLORIDA – AICW – WEST PALM BEACH TO MIAMI – DEERING CHANNEL: Temporary Establishment
Deering Channel Wreck Buoy is temporarily established. A white TRLB displaying Fl Q W characteristics is marking the hazard in position 25-44-06.780N/080-12-09.846W. Mariners are advised to exercise caution while transiting the area.
Chart 11467 LNM: 34/19

FLORIDA - AICW - WEST PALM BEACH TO MIAMI - BISCAYNE BAY - GABLE ESTATES: Private Aid/Hazard to Navigation.
Private aid Biscayne Nat Park Boundary Light A (LLNR 49390) reported destroyed. The remains of the wreckage poses a hazard to navigation.
Chart 11467 LNM: 42/19

FLORIDA - AICW - MIAMI TO MARATHON - BOCA CHITA CHANNEL: Private Aid Hazard to Navigation.
Private aid Featherbed Bank Shoal Daybeacon X (LLNR 49725) is destroyed. The remains of the wreckage poses a hazard to navigation.
Chart 11451 LNM: 40/19

FLORIDA - ST. LUCIE INLET TO FORT MYERS AND LAKE OKEECHOBEE - OKEECHOBEE WATERWAY - LAKE OKEECHOBEE (ROUTE 2): Hazard to Navigation.
Lake Okeechobee (Rt 2) Daybeacon 6 (LLNR 51425) is leaning into the channel and missing both daymarks. The aid is marked with a TRLB WR6 displaying Fl Q R, 4NM characteristics.
Chart 11428 LNM: 15/19

FLORIDA - ST. LUCIE INLET TO FORT MYERS AND LAKE OKEECHOBEE - PAHOKEE MARINA: Hazard to Navigation/Marina Entrance Shallow Water Levels.
The U.S Coast Guard has received a report of extremely shallow water levels in the marina entrance to Pahokee Marina in Lake Okeechobee in approximate position 26-49.36N/080-40.54W. When the lake water levels fall below 12.5ft the water depths in the marina entrance become extremely shallow, less than 6ft. Vessels that draw greater than 4ft should exercise extreme caution until water levels rise to greater than 12.5ft.
Chart 11428 LNM: 12/20

FLORIDA – ST. LUCIE INLET TO FORT MYERS AND LAKE OKEECHOBEE – PARADISE YACHT CLUB: Private Aid/Hazard to Navigation.
Private aid Paradise Yacht Club Daybeacon 7 (LLNR 52940) reported destroyed with 4ft of wreckage posing a hazard to navigation.
Chart 11428 LNM: 02/20

FLORIDA – CALOOSAHATCHEE RIVER – TOWNSEND CANAL: WEST BASIN STORAGE RESERVOIR PROJECT – DIVERS
Harry Pepper and Associates, Inc. will be conducting construction along the south shoreline of the Caloosahatchee River, at the mouth of the Townsend Canal, between Labelle, FL and Alva, FL. The project is expected to commence December 3, 2018 and conclude on or around May 3, 2022; operations will be occurring during daylight hours only. Signs will be posted to notify mariners that work is being conducted at the Townsend Canal, as well as to indicate the installation and location of a temporary manatee barrier. Mariners are advised to exercise caution, as divers will be periodically working inside the manatee barrier in the Caloosahatchee River and inside the weir on the Townsend Canal. Equipment will be conducting work from the banks of the Caloosahatchee River and Townsend Canal with barges present inside the weir.
Chart 11428 LNM: 46/18

FLORIDA - GIWW - FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS - CAPE CORAL RIM CHANNEL: Private Aid/Hazard to Navigation.
Private aid Cape Coral Rim Channel Daybeacon 83 (LLNR 53260) reported destroyed and may pose a hazard to navigation.
Chart 11427 LNM: 13/20

FLORIDA – GIWW - FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS – CALOOSAHATCHEE RIVER - PLATO CANAL: Hazard to Navigation.
The U.S. Coast Guard received a report of a missing Danger marker marking a rock obstruction near the Plato Canal. The danger maker was determined to be an unpermitted marker inconsistent with the uniform waterway marking system and placed by a private party. Mariners should exercise caution, prudent seamanship, and proceed at a safe speed when navigating the area.

Chart 11427 LNM: 20/20

FLORIDA - GIWW - ESTERO BAY TO LEMON BAY - MATLACHA PASS: Private Aid/Hazard to Navigation.
Private aid Matlacha Pass Daybeacon 81 (LLNR 55230) reported missing daymarks and poses a hazard to navigation.
Chart 11426 LNM: 13/20

FLORIDA - GIWW - CHARLOTTE HARBOR TO TAMPA BAY - FISHERY RESTAURANT CHANNEL: Private Aid/Hazard to Navigation.
Private Aid Fishery Restaurant Channel Daybeacon 3 (LLNR 56665) reported destroyed. The pile remaining is approximately 1ft above the waterline and poses a hazard to navigation.
Chart 11425 LNM: 20/20

FLORIDA – GIWW – CHARLOTTE HARBOR TO TAMPA BAY – INDIAN MOUND PARK: Private Aid/Hazard to Navigation.
Private aid Indian Mound Park Daybeacon 1 (LLNR 57435) is reported destroyed. The pile remaining is broken aproximately 1ft below the waterline and poses a hazard to navigation.
Chart 11425 LNM: 21/20

FLORIDA – GIWW – CHARLOTTE HARBOR TO TAMPA BAY – PARADISE BAY ESTATES CHANNEL: Hazard to Navigation.
The U.S. Coast Guard received a report of two pile remnants above the waterline located south of the Manatee Bridge in approximate position 27-29.24N0/082-42.060W. Mariners are advised to exercise extreme caution while transiting the area.
Chart 11425 LNM: 09/20

FLORIDA – GIWW - TAMPA BAY – SUNSHINE SKYWAY CHANNEL: Hazard to Navigation (UPDATE September 18, 2019)
Sunshine Skyway Channel Daybeacon 7 (LLNR 60340) has been rebuilt directly against and channelward of the steel pile stump in position 27-38-49.716N/082-40-47.102W. The remainder of the steel pile exists and is laying on the sea floor. Divers will be coordinated to remove the remainder of the wreckage.
Chart 11416 LNM: 38/19

FLORIDA - GIWW - TAMPA BAY TO PORT RICHEY - BOCA CIEGA BAY: Hazard to Navigation.
The U.S. Coast Guard received a report of a partially submerged idle speed marker creating a hazard to navigation between Boca Ciega Bay Daybeacon 14 (LLNR 60800) and Boca Ciega Bay Light 17 (LLNR 60815).
Chart 11411 LNM: 10/19

FLORIDA – GIWW – TAMPA BAY TO PORT RICHEY – BAY PINES CHANNEL: Private Aid/Hazard to Navigation.
Private aid Bay Pines Marine Daybeacon 1 (LLNR 61313) reported destroyed. The remains of the wreckage poses a hazard to navigation.
Chart 11411 LNM: 46/19

FLORIDA - GIWW - TAMPA BAY TO PORT RICHEY - BAY PINES CHANNEL: Private Aid/Hazard to Navigation.
Private aid Bay Pines Marina Daybeacon 4 (LLNR 61320) reported destroyed. The remains of the wreckage may pose a hazard to navigation.
Chart 11411 LNM: 03/20

FLORIDA - GIWW - TAMPA BAY TO PORT RICHEY - ST. JOSEPH SOUND: Hazard to Navigation.
St Joseph Sound Light 23 (LLNR 62045) destroyed. The remains of the steel pile wreckage is broken sticking approximately 2ft above the waterline. A TRLB displaying a Fl Q G, 5M characteristics in position 28-04-03.462N/082-48-07.770W is marking the hazard.
Chart 11411 LNM: 20/20

FLORIDA - GIWW - TAMPA BAY TO PORT RICHEY - ST. JOSEPH SOUND: Hazard to Navigation (UPDATE March 25, 2020)
St Joseph Sound Daybeacon 41 (LLNR 62290) destroyed. The steel pile wreckage is marked with a TRLB displaying Fl Q W, 5M characteristics.
Chart 11411 LNM: 12/20

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	
20211	Buckleys Pass Daybeacon 1	26-53-03.180N 082-03-31.892W				SG on pile.	Private Aid.	21/20
*	*	*	*	*	*	*	*	
20212	Buckleys Pass Daybeacon 2	26-53-03.985N 082-03-30.959W				TR on pile.	Private Aid.	21/20
*	*	*	*	*	*	*	*	
20213	Buckleys Pass Daybeacon 3	26-53-04.449N 082-03-31.982W				SG on pile.	Private Aid.	21/20
*	*	*	*	*	*	*	*	
20214	Buckleys Pass Daybeacon 4	26-53-05.244N 082-03-31.824W				TR on pile.	Private Aid.	21/20
*	*	*	*	*	*	*	*	
36260	VERNON RIVER LIGHT WRECK 86	31-52-18.845N 081-04-33.783W	Q R	16	5	TR-TY on pile.		21/20
	*	*	*			*		

PUBLICATION CORRECTIONS

None

ENCLOSURES

1. Summary of Bridge Construction and Repair/Drawbridge Status

Weekly Updates

2. Summary of Marine Events

Weekly Updates

3. GLDD - Post 45

Charleston Entrance Channel, SC

LNM: 08/18

4. GLDD

Tybee Island, GA

LNM: 47/19

5. GLDD

St. Johns River, FL

LNM: 46/18

6. Gator Dredging

Lake Seminole, FL

LNM: 40/19

7. GLDD

GA & FL, St. Marys Ent, Cumberland Snd & Kings Bay

LNM: 50/19

8. GLDD

Hunting Island, SC

LNM: 53/19

Eric C. Jones
Rear Admiral, U.S. Coast Guard
Commander, Seventh Coast Guard District

BRIDGE CONSTRUCTION/REPAIR **LNM 21/20** **05/27/2020**

SPECIAL NOTICE:

LOCATION	TYPE OF WORK	EST COMP DATE	BRIDGE	REF LNM
SC- Harbor River	Bridge Construction	NOV 21	US21 Sea Island Expressway	21-19
GA-ICW-Wilmington River-Savannah	Bridge Construction	NOV 21	Causton Bluff (Islands Expy)	34-19
FL-St Johns Riv-Jacksonville	Bridge Repairs	NOV 20	Fuller Warren Bridge	42-17
FL-St Johns Riv-Jacksonville	Bridge Repairs	JUN 21	Buckman Bridge	10-20
FL-St Johns Riv-Jacksonville	Bridge Construction	MAY 20	Dunns Creek Bridge	06-19
FL-St Johns Riv-Jacksonville	Bridge Construction	NOV 21	SR 23, First Coast Expressway	20-20
FL-Hopkins Creek	Bridge Demo/Constr	JUN 20	Kings Road Bridge	44-18
FL-ICW-Pablo Creek – Atlantic Beach	Bridge Repairs	JUN 20	Wonderwood Dr Bridge	39-17
FL-ICW-Halifax Riv-Daytona Bch	Bridge Construction	APR 20	Veterans Memorial Bridge	10-19
FL-ICW-Indian Riv_Melbourne FL	Fender Replacement	DEC 20	Pineda Causeway	19-20
FL-ICW-Palm Beach	Fender Replacement	JUN 20	Blue Heron Blvd (SR A1A)	31-19
FL-ICW-W Palm Bch – Palm Bch	Bridge Construction	AUG 21	Southern Blvd (SR 80) Bridge	09-17
FL-Hillsboro Riv	Bridge Construction	JAN 20	I-95 Bridge	20-20
FL-New River Canal (South Fork)	Bridge Construction	SEP 20	I-595 Bridge	41-19
FL-Miami River	Bridge Construction	OCT 24	SR-836 Dolphin Expressway	10-20
FL-Miami River	Bridge Construction	APR 21	SW 1st Street Bridge	19-19
FL-Biscayne Bay – Miami Beach	Bridge Repairs	APR 20	MacArthur Cswy Bridge	34-19
FL-ICW-Biscayne Bay –Miami	Fender Repairs	MAY 20	Rickenbacker Cswy	06-19
FL-Florida Keys-Moser Channel	Bridge Repairs	MAR 20	Seven Mile Bridge	38-17
FL-Florida Keys-Moser Channel	Bridge Repairs	JUL 22	Old Seven Mile Bridge	38-17
FL-Florida Keys-Key West Harbor	Bridge Repairs	JAN 21	Cow Key Channel Bridge	26-18
FL-GIWW-Boca Ciega Bay	Bridge Repairs	JUL 20	Pinellas Bayway "E"	23-19
FL-West Coast-Tampa Bay	Bridge Repairs	SEP 20	Courtney Campbell Cswy	51-19

B. DRAWBRIDGE STATUS SUMMARY

The following is a list of known drawbridge discrepancies, restrictions, and closures in navigable waters of the Seventh Coast Guard District. Additional information regarding bridges can be found in Volume 4 (Cape Henry to Key West) or Volume 5 (Gulf of Mexico, Puerto Rico and Virgin Islands) of the U.S. Coast Pilot, 33 CFR 117, or by calling (305) 415-6946. Unless otherwise noted in the date column, the described status will be in effect until further notice. Mariners knowing of bridge activities not listed below are urged to notify the Seventh Coast Guard District Bridge Branch.

The Coast Guard has received numerous questions regarding Bridge Regulations and where to locate them. Bridge Regulations can be found online utilizing the Electronic Code of Federal Regulations (e-CFR). Click the attached hyperlink which will direct you to Title 33 part 117 Drawbridge Operation Regulations, Subpart A - General requirements and Subpart B - Specific Requirements. Subpart A - General Requirements is the Operational requirements for bridge owners, bridge operators and mariners as set forth in the CFR. Subpart B - Specific Requirements, in which the bridges are listed by the State and waterway where the bridge is located. https://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title33/33cfr117_main_02.tpl If a specific "movable" bridge is not listed, that bridge operates on an "on demand" for opening.

BRIDGE	LOCATION	DATE	STATUS	REF
SFRC Railroad Bridge	St Johns Riv, Sanford FL	Feb 9-April 30, 2020	Temp Deviation, Channel Obs	04-20
FECR Rail Bridge	St Johns Riv, Jacksonville, FL	Apr 24-Jun 21, 2020	Temp Deviation	13-20
Lady's Island	AICW, Beaufort,SC	Oct 17, 2020	Closed to Nav	20-20
Causton Bluff/Island Expwy	AICW, Savannah, GA	until Jun 30, 2020	Single Leaf Ops	50-18

Peter J. Cobb	AICW, Ft Pierce, FL	Until May 29, 2020	Bridge Repair	15-20
Robert Harris (Lake Ave)	AICW, Lake Worth	July 4, 2020 (8:30- 10 pm)	Closed to Nav	21-20
Hillsboro Blvd	AICW, Deerfield Beach FL	July 4, 2020, (6-11 pm)	Closed to Nav	14-20
FEC RR (New River)	New River, Ft Laud, FL	Jan 1-Jun 26, 2020	Test Deviation	43-19
Andrews Ave	New River, Ft Laud, FL	Thru May 31, 2020 (10:30pm-6am)	Closed to Nav	37-19
Brickell Ave	Miami Riv, Miami, FL	Feb 10 –JUN 30, 2020	Bridge Repair	04-20
Snake Creek	Snake Creek, Islamorada, FL	Mar 31 –Apr 3, 2020	Fender Repair	10-20
CSX, Little Manatee Riv	Little Manatee, Ruskin, FL	April 20-May 15, 2020	Bridge Repair	14-20
Park Blvd	GICW, Indian Shores, FL	Mar 11-Nov 22, 2020	Bridge Repair	10-20
Dunedin Causeway	GICW, Dunedin, FL	July3-4, 2020	Closed to Nav	20-20

C. BRIDGE INFORMATION

SOUTH CAROLINA - ST HELENA SOUND - HARBOR RIVER - SEA ISLAND EXPRESSWAY: Bridge Construction.

The Coast Guard has issued a permit to United Infrastructure Group, Inc on behalf of the South Carolina Department of Transportation (SCDOT) replace the Sea Island Expressway (Hunting Island Bridge) US21 Swing Bridge, mile 0.6 Harbor River with a fixed bridge at mile 0.8 Harbor River. Construction began on April 23, 2019 and will continue through November 21, 2021. There will be numerous barges, drill rigs, cranes and push boats on scene during construction. All vessels are advised to proceed with caution when transiting the area. Points of contact with United Infrastructure Group, Inc regarding the project are Billy Hardwick / 803-513-1903 / Billy.Hardwick@uig.net Felipe Rosa / 704-975-5452 / Felipe.Rosa@uig.net For Waterways questions, contact Sector Charleston Waterways Management Division at (843) 323-7761 or the Sector's 24-hour Command Center Line at (843) 740-7050. As updates are available, they will be provided via the Local Notice to Mariners.

UPDATE

Starting early-June, United Infrastructure Group, Inc. (UIG) will be driving piles for the new fender system at the Harbor River Bridge and will be interfering with the current navigational channel. The "West Fender Piles" will be located at approximately 32°24'16" N and 80°27'10.5" W and the "East Fender Piles" will be located at approximately 32°24'15.5" N and 80°27'09" W. UIG will start by driving the West Fender Piles on the west side channel. At such time, the west side channel will be closed and the east side channel will open for vessel traffic. Once the West Fender Piles are completed, UIG will move to the east side channel and drive the East Fender Piles.. At such time, the east side channel will be closed and the west side channel will be open with the Horizontal clearance on the west channel will be reduced to 40 feet. For approximately one day while the East Fender Piles are being driven, the bridge will not be able to open due to a conflict between the existing bridge truss and some of the East Fender Piles, and consequently both the west and east sides channels will be closed for that one day. The Coast Guard will update this article to the LNM once the date of the closure is determined. Once the new Fenders are established on the East channel, the horizontal clearance will be reduced to 52 feet.

Once both the West & East Fender Piles are completed, the new shorter horizontal clearances will remain for over one year, until the existing fender system can be removed and the existing bridge can be demolished. Boat and vessel operators are asked to use caution when close to the work area.

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Ref: LNM 21-19 through 21-20 Chart: 11517

SOUTH CAROLINA – MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK - WACCAMAW RIVER - COASTLINE RR SWING BRIDGE: Closed to Navigation

Due to flooding, the Waccamaw Coastline RR Bridge in Conway, Horry County, SC at mile marker 44.4 will be closed to marine traffic due to flooding. The bridge will remain closed to navigation position until the floodwaters subside. Mariners are urged to prepare and plan transits accordingly to avoid unnecessary disruption. Horry County Public Works Department will continue to monitor the flood stage in order to open the Coastline RR Swing bridge to Navigation. For additional information regarding the bridge closure contact the Horry County Public works department at 813-915- 5410. Or visit their website www.horrycounty.org . For Waterways questions, contact Sector Charleston Waterways Management Division at (843) 323-7761 or the Sector's 24-hour Command Center Line at (843) 740-7050.

Ref: LNM 08-20 through 21-20 Chart: 11538

FLORIDA - ST JOHNS RIVER – FLORIDA EAST COAST RAILWAY - RAIL BRIDGE: Bridge Repairs

Florida East Coast Railway (FECR) is authorized to temporarily deviate from drawbridge operation regulation 33 CFR 117.325(b) that governs the FEC St. Johns River Railroad Bridge across the St. Johns River, mile 24.9, at Jacksonville, Florida. Under this temporary deviation, the FEC St. Johns River RR Bridge is authorized to remain in the closed to navigation position between the hours of 8 a.m. and 2 p.m. on the following days:

- May 29 and 30, 2020
- June 2, 3, 12, 13, 16, 17, 18, 19 and 21, 2020
- See UPDATE for June 20, 2020

This deviation is necessary for the maintenance to the main trunnion and link pin bearings. Vessels able to pass without an opening may do so at any time. During non-working hours the bridge will operate in accordance with 33 CFR 117.325(b). The drawbridge shall return to its regular operating schedule, 33 CFR 117.325(b), at the end of the designated time period. We are approving this request under the provisions of 33 CFR 117.35. For waterways questions, contact USCG Sector Jacksonville Waterways Management Office, MST2 Rory Boyle at 904-714-7661, email: Rory.C.Boyle@uscg.mil.

UPDATE

On June 20, 2020, authorization to remain in the closed to navigation position is approved between the hours of 9 a.m. and 2 p.m. This change is due to a previously approved Marine Event by USCG Sector Jacksonville. At no time prior to 9 a.m. shall the waterway be obstructed without prior approval by USCG Sector Jacksonville.

Ref: LNM 13-20 through 21-20 Chart: 11491

FLORIDA - ST JOHNS RIVER - BUCKMAN BRIDGE: Bridge Repairs

Florida Safety Contractors advises that work is being conducted at the Buckman Bridge St. Johns River and will occur approximately from March 9. 2020 through June 20, 2021. There will be associated construction equipment/vessels in and around the bridge including job boats also Tug and barge in the vicinity working. All boaters are advised to proceed with caution while transiting the area. This construction project will not impact the navigational channel. For waterways questions, contact USCG Sector Jacksonville Waterways Management Office, MST2 Rory Boyle at 904-714-7661, email: Rory.C.Boyle@uscg.mil

Ref: LNM 10-20 through 21-20 Chart: 11491

FLORIDA – ST JOHNS RIVER – FULLER WARREN BRIDGE: Bridge Repairs

Archer Western Contractors have advised the Coast Guard that they will be working on the Fuller Warren Bridge across the St Johns River, Jacksonville, Florida. The contractor will have floating equipment in the vicinity of the bridge to include barges, cranes, and other work vessels. Future waterway restrictions may be necessary for the replacement of the bridge fender system and girder erection. This work is anticipated to start September 2017 and will be completed by the Fall 2020. The Fuller Warren Bridge is undergoing a stage of construction during which the location of barges will impact the horizontal clearance. At no time will the horizontal clearance be reduced by more than half. . For waterways related questions, contact Coast Guard Sector Jacksonville Waterways Management Division at (904) 714-7631 or via email at Jeremy.S.Bailey@uscg.mil

Ref: LNM 42-17 through 21-20 Chart: 11491

FLORIDA – ST. JOHNS RIVER – BLACK CREEK – SR 23 FIRST COAST EXPRESSWAY: Bridge Construction

Sacyr Construction SA has advised the Coast Guard that they will be building SR-23 First Coast Expressway over Black Creek. The contractor will have floating equipment in Black Creek in the vicinity of the bridge and will consist of sectional barges, cranes, and other work vessels. Obstructions in water may consist of concrete and steel pilings in the foot print of the bridge foundations. Please use caution while boating in the vicinity of the bridge. Sacyr will maintain a minimum 80.0 Feet of Channel while performing bridge work activities. Water work will be taking place Monday-Saturday 7:00 AM - 7:00 PM. Pile driving will only occur Monday-Friday 7:00 AM -7:00 PM. Future waterway restrictions may be necessary for girder erection over the channel span. This work is anticipated to begin in the waterway May 2020 and continue through winter 2021. For waterways related questions, contact Coast Guard Sector Jacksonville Waterways Management Division at (904)-714-7631 or via email at Jeremy.S.Bailey@uscg.mil

Ref: LNM 20-20 through 20-1-20 Chart: 11491

FLORIDA - ST JOHNS RIVER - RACY PT TO CRESCENT LAKE - DUNNS CREEK- US 17 (SR15) BRIDGE: Bridge Construction

GLF Construction will commence construction of a new bridge adjacent to the US 17 (SR15) Bridge across Dunn's Creek, Mile 0.9, near Satsuma, Florida on February 4, 2019. During construction floating equipment, small barges and support vessels may be partially

obstructing the channel. Future updates will be provided as the new bridge is built. For waterways related questions, contact Coast Guard Sector Jacksonville Waterways Management Division at (904) 714-7631 or via email at Jeremy.S.Bailey@uscg.mil

UPDATE 1

The Captain of the Port Jacksonville advises all mariners that construction work is occurring on the Highway 17/SR15/ Dunns Creek bridge in Satsuma, Florida. Through May 2020 the horizontal clearance will be reduced by approximately fifty percent. During this phase of construction, pylons and beams will be intermittently suspended above then main navigation channel by crane. Mariners are advised to proceed at a slow, no wake speed. Construction barges will be present with personnel on board on the north side of the channel to the obstruction to the navigable channel. Construction personnel will be present to guide boaters through the construction site using orange flags and hand signals when it is unsafe to pass through the channel. At times, when the channel is blocked due to overhead hazards, the channel will be made clear upon request, after construction equipment is made safe. For waterways related questions, contact Coast Guard Sector Jacksonville Waterways Management Division at (904) 714-7631 or via email at Jeremy.S.Bailey@uscg.mil

Ref: LNM 06-19 through 21-20 Chart: 11487

FLORIDA – ST JOHNS RIVER – LAKE DEXTER TO LAKE HANEY – CRFC RAILROAD BRIDGE: Bridge Repair

Kiewit Infrastructure South Co acting on behalf of the bridge owner, Florida Department of Transportation (FDOT), is authorized to temporarily deviate from drawbridge operation regulations 33 CFR 117.5 that governs the CFRC Railroad Bridge over the St Johns River at Lake Monroe, mile 160.9, at Sanford, Florida.

Under this temporary deviation, the CFRC Railroad Bridge is authorized to limit the vertical clearance with channel obstructions between 9 p.m. and 8 a.m., Wednesday through Sunday nights, beginning January 23, 2020 through April 6, 2020. Additionally, the contractor is authorized complete bridge closures on Sunday nights from 9 p. m. to 5 a. m. between February 9 and April 30, 2020. Work will be halted at the request of passing vessels. At all other times, the bridge will operate in accordance with its regular operating schedule If you have any questions please contact USCG Sector Jacksonville Waterways Division, LTJG Emily Sysko at (904)714-7616, email emily.t.sysko@uscg.mil

Ref: LNM 04-20 through 21-20 Chart: 11498

FLORIDA - EAST COAST- CAPE CANAVERAL TO BETHEL SHOAL- CRANE CREEK/GOAT CREEK/SAINT SEBASTIAN RIVER R/R BRIDGES: Bridge Repair/Construction

HSR Construction on behalf of the Bridge Owner, Virgin Trains USA Florida LLC will be conducting Bridge Construction and repair of the Railroad bridges crossing Crane Creek, mile 0.34 (from confluence with Indian River), at Melbourne, Brevard County, FL. Lat/Long: 28.076250, -80.603611, Goat Creek at Malabar, Brevard County, FL. Lat/Long 27.969188, -80.546472 and the Saint Sebastian River, St. Sebastian River, mile 1.3, between Micco and Roseland, Brevard and Indian River Counties, FL. Lat/Long: 27.838437, -80.497070. These bridge replacements are part of a larger project known as the All Aboard Florida (Brightline) -Orlando to Miami, Florida Intercity Passenger Rail Project, which proposes the construction of a privately owned and operated intercity passenger railroad system that will connect Orlando and Miami, with intermediate stops in Fort Lauderdale and West Palm Beach, Florida. This project will start on July 1, 2019 and continue through March 19, 2021. There will be cranes present on the trestles and small jon boats in the water during construction. Point of contact for the project with HSR Contractors is Jessica Workman, phone: (816) 261-8409 or email jworkman@hsrcjv.com . For Waterways question concerning Crane and Goat Creek(s) please contact LT Emily T. Sysko, Sector Jacksonville, Waterways Management Division, U.S. Coast Guard; telephone 904-714-7616, e-mail Emily.T.Sysko@uscg.mil . For Waterways question concerning the Saint Sebastian River please contact USCG Sector Miami Waterways Division at (305) 535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Crane Creek UPDATE:

The Coast Guard has approved the contractor to erect a temporary work trestle east of the existing working track and commence in-water work in accordance with the plans submitted for Phase 1. During Phase 1, maritime navigation will be available through the structures. There is not a designated navigational channel, any section that will impede navigation will be properly marked as to alert mariners to use alternate spans. Red stationary lights will be installed along both side for safe navigation. The new structures, when completed, will provide for a vertical clearance of 15.8’ and a horizontal clearance of 65’ toward the northeast side of the bridge more in line with the existing US1 Highway bridge. The current navigation clearances are 15’ vertical and 45’ horizontal. The temporary trestle will meet or exceed the vertical clearance of the existing structures.

Ref: LNM 21-19 through 21-20 Chart: 11476

FLORIDA - EAST COAST - JUPITER INLET TO FOWEY ROCKS - HILLSBORO CANAL - I95 BRIDGE: Construction

Phase III of construction of the I-95 Bridge over Hillsboro Canal has begun. This will consist of dredging beneath the existing bridge, demolition of the existing bridge and driving piles for the replacement bridge. All mariners transiting the area are advised to proceed with caution and at a slow speed. Future waterway restrictions may be necessary. For waterways information or concerns, call or e-mail LT Samuel Rodriguez-Gonzalez, U.S. Coast Guard Sector Miami, Waterways Management Division; telephone 305-535-4307, email; Samuel.Rodriguez-gonzalez@uscg.mil

Ref: LNM 20-20 through 21-20 Chart: 11466

FLORIDA - EAST COAST - MIAMI HARBOR – MELOY CHANNEL – MACARTHUR CAUSEWAY EAST BRIDGE: Bridge Repair

Metalizing Technical Services, contracted through FDOT will be painting the MacArthur Causeway East Bridge crossing Meloy Channel (Miami Beach Channel), Miami Beach, Florida. The Coast Guard has authorized a temporary reduction of the vertical clearance across the navigational channel of 4 feet for the installation of a containment system. From September 1, 2019 through April 30, 2020, the vertical clearance will be reduced to 31 feet at Mean High Water (MHW). There will be work barges and divers in the water. Contact for Metalizing Technical Services is Mr. Jerrod Monaghan at (661) 972-7223. All mariners transiting the area are advised to proceed with caution and at a slow speed. For waterways information or concerns, call or e-mail LT Samuel Rodriguez-Gonzalez, U.S. Coast Guard Sector Miami, Waterways Management Division; telephone 305-535-4317, email; D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 34-19 through 21-20 Chart: 11468

FLORIDA - EAST COAST - WEST PALM BEACH TO MIAMI - MIAMI RIVER- BRICKELL AVENUE BRIDGE: Bridge Repair

BPA Engineers, acting on behalf of the bridge owner, Florida Department of Transportation (FDOT), is authorized to temporarily deviate from drawbridge operation regulations 33 CFR 117.305(d) that governs the Brickell Avenue Bridge across the Miami River, mile 0.1, at Miami, Florida.

Under this temporary deviation, the Brickell Avenue Bridge is authorized single-leaf operations with a 4-hour advanced notice for a full opening between 10 p.m. and 5:30 a.m., Sunday through Friday, beginning February 10, 2020 through May 31, 2020. During the February to May timeframe a five foot reduction in vertical clearance beneath the non-opening span during work hours only. Associated construction equipment may be located beneath the non-opening span during work hours. The Contractor will be using a 14' x 24' barge with a 50 ft boom manlift to work from the water. While staging and/or loading, the barge will be mooring to the back side (non-navigational side) of the fender system. While the contractor is working, the 14' x 24' barge will moor to the fender system along the 24' side of the barge reaching the bridge with the 50' manlift obstructing 1/2 of the navigational channel. Vessels able to pass without an opening beneath the non-obstructed span, may do so at anytime. During non-work hours, associated equipment will be located outside of the main channel and not interfere with drawbridge operations or obstruct the channel. All equipment will be properly lighted. Additionally, the contractor is authorized to temporarily reduce the vertical clearance of the non-opening leaf by five feet while construction work is in progress. At all other times, the bridge will operate in accordance with its regular operating schedule.

UPDATE
Starting May 15, 2020 through June 30, 2020, the Coast Guard has authorized the contractor an additional temporary deviation. From 6 p.m. to 10 p.m., Sunday through Thursday, the bridge is allowed single-leaf operations with a 2-hour advanced notice for a full opening. Additionally, the contractor is authorized to temporarily reduce the vertical clearance of the non-opening leaf by five feet while construction work is in progress. At all other times, the bridge will operate in accordance with its regular operating schedule.

If you have any questions regarding the waterway, please contact USCG Sector Miami Waterways Division at (305) 535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 04-20 through 21-20 Chart: 11467

FLORIDA - EAST COAST - WEST PALM BEACH TO MIAMI - MIAMI RIVER- SR-836 DOLPHIN EXPRESSWAY BRIDGE: Bridge Construction

Archer Western/De Moya Group (CJV) will commence operations on the SR 836 Bridge mile 2.4 over the Miami River acting on behalf of the bridge owner, Miami-Dade Expressway Authority. Work is scheduled to begin on 15 March 2020 and continue through October 2024. There will be a work barge on scene outside the navigable channel. Vessels are advised to transit the area with caution, maintaining a no wake speed. Future updates will be provided via the local Notice to Mariners as the project progresses. For information on the I-395/SR 836/I-95 Design-Build Project and work on SR 836 Bridge, please contact Community Outreach Specialist Oscar Gonzalez at ogonzalez@mrgmiami.com or via cell phone at 786-280-0983. If you have any questions regarding the waterway, please contact USCG Sector Miami Waterways Division at (305) 535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 10-20 through 21-20 Chart: 11467

FLORIDA - EAST COAST - WEST PALM BEACH TO MIAMI - MIAMI RIVER- SW 1ST STREET BRDIGE: Bridge Replacement **UPDATED:**

GLF Construction Corporation was contracted by the bridge owner, Florida Department of Transportation (FDOT), to commence construction of a new bridge that will replace the SW 1st Street Bridge across the Miami River, Mile 0.9, in Miami, Florida. Construction is scheduled to begin on May 20, 2019 and continue through Summer 2022.
Demolition and removal of the existing bascule piers continues from the land side with no anticipated restrictions to the channel. The installation of sheet piles for the new cofferdam on the west side has been completed and excavation of the new cofferdam is ongoing. Sheet pile testing for the new cofferdam on the east side is ongoing and installation is expected to begin the week of September 16. The new seawall (combination wall) has been completed on the east side and west side.

As early as September 23, 2019, the contractor will move forward with excavating (dredging) the channel. While a barge will be in the channel for the channel excavation operation, no impacts to the channel restricting the current horizontal navigational clearance are anticipated. As early as October 28, 2019, the contractor will perform the submarine cable installation and in order to perform this work, half of the channel will be temporarily restricted at a time. The contractor will coordinate with USCG Sector Miami prior to any channel closures and/or restrictions and will provide adequate notice to the public. For project information, please contact Community Outreach Specialist Sergies Duarte at sergies.duarte@dot.state.fl.us or 305-216-3617 If you have any questions regarding the waterway, please contact USCG Sector Miami Waterways Division at (305) 535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 19-19 through 21-20 Chart: 11467

FLORIDA- FLORIDA KEYS- ALLIGATOR REEF TO SOMBRERO KEY - SNAKE CREEK CHANNEL- SNAKE CREEK BRIDGE: Fender Repair

The Florida Department of Transportation has advised the Coast Guard that their contractor, Kiewit, will be conducting work on the fender system for the Snake Creek Bridge. The Contractor has stated that they will begin this work on Wednesday, March 31st until Friday, April 3rd. The hours for this work will be between 7AM - 5PM, daily. The barge will take up 8' of the channel while in use. The barge will not be left unattended and will be moved out of the channel at the end of each day's work. In addition to this, the barge can also be moved, during work activities, to let large boats pass through the channel as needed. For more information please contact the Sector Key West Command Center at (305) 292-8727.

Ref: LNM 10-20 through 21-20 Chart: 11452

FLORIDA- FLORIDA KEYS- SOMBRERO KEY TO SAND KEY-MOSER CHANNEL-SEVEN MILE BRIDGE: Bridge Repairs

The Florida Department of Transportation has advised the Coast Guard that their contractor Southern Road & Bridge, LLC will be conducting long-term maintenance and repairs to the Seven Mile Bridge. The main span of the bridge for Moser Channel will not be affected. Lighted 20' x 40 'construction barges and work floats will be positioned within other spans along the bridge but the remaining spans will be open for vessel traffic. Mariners are advised that National Marine Sanctuary regulations prohibit vessels from operating at more than 4 knots or in a matter to create a wake within 100 yards of stationary vessels. This project is expected to continue until March 2020. For more information, please contact the Sector Key West Command Center at (305) 292-8727.

Ref: LNM 38-17 through 21-20 Chart: 11442

FLORIDA- FLORIDA KEYS- SOMBRERO KEY TO SAND KEY-MOSER CHANNEL-OLD SEVEN MILE BRIDGE: Bridge Repairs

The Florida Department of Transportation has advised the Coast Guard that their contractor SAFFO Contractors Inc. will be conducting long-term maintenance and repairs to the Old Seven Mile Bridge. The main span of the bridge for Moser Channel will not be affected. Certain bridge spans will have lighted work platforms suspended from the bridge reducing the vertical clearance by from 2.5-5 feet as well as lighted staging extending 5 feet from all side of certain bridge piers. The remaining spans will not be affected. Mariners are advised to abide by all Navigation Rules, proceed with caution in the vicinity of the project, and are urged to plan transits accordingly avoiding areas of the bridge with active work crews. This project is expected to continue until July 2022. For more information please contact the Sector Key West Command Center at (305) 292-8727.

Ref: LNM 38-17 through 21-20 Chart: 11442

FLORIDA- FLORIDA KEYS - KEY WEST HARBOR-COW KEY BRIDGE: Bridge Repairs

The Coast Guard is approving a request from the Florida Department of Transportation (FDOT) to temporarily reduce the vertical clearance between Span 3 and Span 4 at the US1 (SR A1A) Highway (Cow Key Channel) Bridges across Cow Key Channel, mile 0.9, at Key West, Florida to 6.5 feet at MHW. Underpinning reinforcements will be utilized as the best safety measure due to the failing concrete until construction of the new spans is completed. Underpinning of the bridge is expected to start on July 9th 2018 with an estimated start date of construction of the new bridge to begin in February of 2019 with completion in June of 2021. FDOT's contractor will be installing

signage and buoys alerting vessels of the reduced clearance. When the new spans are constructed, the vertical clearance shall return to the permitted clearance of 9 feet at MHW. No work will be conducted on span #2 and will be open for small vessels able to transit this channel. If you have any questions regarding the waterway, please contact MSTC Greg Bergstrom, USCG Sector Key West, Waterways Management Division, (305) 292-8772, email SKWWaterways@uscg.mil

UPDATE

The Florida Department of Transportation has advised the Coast Guard that their contractor, Kiewit, will begin replacement of the Cow Key Channel Bridge at Mile Marker 4 on April 16, 2020. Crews will be working from a barge under spans three and four beginning April 13, 2020. The barge will remain in place, with crews working in the water and overhead, until replacement of both bridge spans is completed. This project is expected to continue through October 2020. For more information please contact the Sector Key West Command Center at (305) 292-8727.

Ref: LNM 26-18 through 21-20 Chart: 11441

FLORIDA -WEST COAST - CHARLOTTE HARBOR TO TAMPA BAY - BOCA GRANDE BAYOU: Temp Bridge Construction

Kelly Brothers Inc. on behalf of the Gasparilla Island Water Association has begun construction on a temporary bridge at Boca Grande bayou, mile 0.45 Gasparilla Island, Lee County, FL. Lat/Long: 26.753529, -82.258293. The Project consist or a temporary fixed bridge and will be located adjacent to the existing roadway bridge over the Boca Grande Bayou. Construction of the temp bridge began on April 28, 2019. This bridge, or parts of it, will be removed during the busiest boating season (November 15 - May 1) to provide unrestricted access to the waterway. Vessels are urged to transit the area with extreme caution and remain a safe distance from the work site. Work will continue until July 2019. For further information please contact U.S. Coast Guard Sector St. Petersburg at 727-824-7506 or via email at D07-SMB-Tampa-WWM@uscg.mil

Ref: LNM 18-19 through 21-20 Chart: 11425

FLORIDA – WEST COAST - TAMPA BAY AND ST. JOSEPH SOUND - LITTLE MANATEE RIVER- CSX RAILROAD BRIDGE: Bridge Repair

PCL Civil Constructors, Inc on behalf of the Bridge owner, CSX Rail systems has submitted a request to temporarily close one of the two navigable spans at Little Manatee River swing bridge mile 2.7 Little Manatee River, Ruskin Florida, in order to allow structural steel work to be completed. The Coast Guard has approved this request. This work will be managed by PCL Civil Constructors, Inc. as the Construction Manager Contractor. CSX Little Manatee swing bridge has two navigable channels, one channel will be completely blocked by equipment for this work, while the other remains open to marine vessels. Under this temporary deviation, the PCL Civil Constructors is allowed to limit the openings of the Little Manatee Rail Bridge during the hours of 7 a.m. to 5:30 p.m. Monday through Friday from April 20, 2020 through May 15, 2020. Per the stipulations listed in 33 CFR 117.297 the CSX Little Manatee Railroad Bridge will open upon request only at 7 a.m., 11 a.m. and 3 p.m. daily Monday through Friday. At all other times, the bridge will operate in accordance with its regular operating schedule. From April 20, 2020 thru May 15, 2020 the south span will be blocked and the north span will be passable. Vessels that can pass through the northern span without requesting an opening, may do so at any time while maintaining a slow, no wake speed. Mariners requiring a bridge opening shall continue to request per the current bridge operating regulation 33 CFR 117.297. For waterways information please contact U.S. Coast Guard Sector St. Petersburg at 727-824-7506 or via email at D07-SMB-Tampa-WWM@uscg.mil

Ref: LNM 14-20 through 21-20 Chart: 11412

FLORIDA – WEST COAST – TAMPA BAY –COURTNEY CAMPBELL CAUSEWAY: Bridge Repair

Seacoast Inc. has been contracted by the Florida Department of Transportation (FDOT) to conduct repairs on the Courtney Campbell Causeway. The project is scheduled to start January 6, 2020 and run through September, 2020. This project includes concrete spall repairs and the installation of structural foundation jackets, including a cathode protection system. All work will be on piers 25 through 34, which are east of the main channel. Main Channel will not be affected. Preliminary Contact: Eddie Beard - Project Engineer 813-943-8681 Onsite Contact to be provided once project starts. All mariners transiting the area are advised to proceed with caution and at a slow speed. For waterways information or concerns, please contact USCG Sector St. Petersburg Waterways Division, (813) 228-2191 or via email at D07-SMB-Tampa-WWM@uscg.mil

Ref: LNM 51-19 through 21-20 Chart: 11416

GEORGIA - ATLANTIC INTRACOASTAL WATERWAY – BEAUFORT RIVER TO ST. SIMON SOUND - WILMINGTON RIVER-CAUSTON BLUFF (ISLAND EXPWY) SR 26 BRIDGE: Bridge Replacement / Temporary Deviation- **UPDATE**

Prince Contracting has been contracted by the Georgia Department of Transportation to replace the CR 787 (Island Expressway) Drawbridges across the AICW (Wilmington River), at mile 579.9, in Savannah, GA. The bridge replacement project will replace the existing dual span bascule bridges with dual span high level fixed bridges. When completed, the new high-level fixed bridges will provide a horizontal clearance of 170 feet between the fender system and a vertical clearance 65 feet at Mean High Water (MHW). The project has started and is estimated to be completed November 2021. Work barges and associated equipment may be located in the vicinity of the bridge but will not impede the navigational channel. All mariners are requested to use caution when transiting the area. For additional waterway information, please contact Coast Guard Marine Safety Unit Savannah at (912) 652-4353.

UPDATE 1: Causton Bluff / Islands Expressway Bridge is allowed single-leaf operations utilizing the drawbridge operating schedule in 33 CFR 117.353(b) from 6 a.m. on August 26, 2019 through 6 a.m. on June 30, 2020. A full opening will be provided during daylight hours only with a 48 hour advanced notice to the bridge tender. Vessels that can pass without an opening may do so at any time.

UPDATE 2: The beams have been set crossing the AICW on the Island Expressway (SR 26) Bridge with a 65' vertical clearance MHW and 170' between the fender systems with 100' navigable channel.

Ref: LNM 34-19 through 21-20 Chart: 11507

SOUTH CAROLINA – ATLANTIC INTRACOASTAL WATERWAY – CASINO CREEK TO BEAUFORT RIVER – LADY'S ISLAND (WOODS MEMORIAL) BRIDGE: Bridge Closure

The Coast Guard has approved the following temporary deviations to the operating schedule to the Lady's Island Bridge across the Atlantic Intracoastal Waterway mile 536.0, Beaufort, South Carolina. The Bridge will be allowed to not open for navigation: to include Tugs with Tows.

From 7:30 a.m. to 9:30 a.m. on October 17, 2020 to facilitate the Swing Bridge Spirit 2020.
.
Public Vessels and vessels in emergency situations should be passed at any time. Vessels that may pass through the bridge without an opening may do so at any time. For Waterways questions, contact Sector Charleston Waterways Management Division at (843) 323-7761 or the Sector's 24-hour Command Center Line at (843) 740-7050.

Ref: LNM 20-20 through 21-20 Chart: 11518

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY - ST. SIMONS SOUND TO TOLOMATO RIVER – WONDERWOOD DRIVE BRIDGE: Bridge Repairs

The Coast Guard has received a request from M & J Construction acting on behalf of the Florida Department of Transportation (FDOT), to reduce the vertical clearance of the SR 116 / Wonderwood Drive Bridge, across the Atlantic Intracoastal Waterway (AICW), mile 742.1, at Jacksonville, Florida to facilitate bridge repairs.

The Coast Guard is approving a vertical clearance reduction of 4 feet for the installation of a containment system. The vertical clearance will be reduced to 61 feet at Mean High Water (MHW) over one-half of the navigational channel during repair work. When the contractor is not working in the navigational channel the containment system will be retracted providing 64 feet of vertical clearance at MHW throughout the entire navigational channel. Installation of the containment would begin on November 7, 2017 and with an estimated completion date of June 09, 2020. For details relating to the bridge repair contact Mr. Jose Gonzalez with M&J Construction at (727) 938-6478. For Coast Guard related concerns call or e-mail LTJG Emily Sysko, CG Sector Jacksonville Waterways Management Division, telephone (904) 714-7616, email; Emily.T.Sysko@uscg.mil

Ref: LNM 39-19 through 21-20 Chart: 11489

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY - ST. SIMONS SOUND TO TOLOMATO RIVER – HOPKINS CREEK - KINGS ROAD BRIDGE: Bridge Construction

Continental Heavy Civil (CHC) a subcontracted company from the De Moya Group will be performing demolition and construction of the Kings Road Bridge spanning Hopkins Creek in Position 30.309271, -81.416867 east of the Atlantic Intracoastal Waterway approximate mile 746.0. This work is being performed as part of Florida Department of Transportation (FDOT) SR A1A drainage improvements on Neptune Beach. The project will start on September 10, 2018 and continue through June 2020. Point of contact for the project is Mr. Ricardo Villet, telephone number: 305-833-6828 or via email at: ricardo.villet@demoya.com

Ref: LNM 44-18 through 21-20 Chart: 11489

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY - TOLOMATO RIVER TO PALM SHORES – HALIFAX RIVER - VETERANS MEMORIAL BRIDGE: Channel Restriction

Construction continues on the Veterans Memorial Bridge. There will be work barges/construction equipment reducing horizontal clearance in the area from 7 a.m. to 5 p.m., but at no point will it impede more than half the channel. Vessels needing a full channel for passage, contact the tug "Abe H" monitoring VHF 13 and 16 FM. The Main channel will remain open from 5p.m. to 7 a.m. daily. Questions regarding the on scene work can be directed to Mr. Chris McFadden (214) 939-9763 with Southland Holdings, LLC. If you have any questions please contact USCG Sector Jacksonville Waterways Division, PO Rory Boyle at 904-714-7200 x7632, email Rory.C.Boyle@uscg.mil

Ref: LNM 10-19 through 21-20 Chart: 11485

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – TOLOMATO RIVER TO PALM SHORES – PINEDA CAUSEWAY (SR 404) BRIDGE: Bridge Repair

Oceaneer Consulting LLC, . on behalf of the bridge owner, Florida Department of Transportation (FDOT) will be conducting fender system replacement on the SR 404, Pineda Causeway bridge. The Coast Guard has approved waterway restrictions during the fender repair work on the SR 404 Bridges beginning on 5/12/2020 and ending on 12/07/2020. Work will be conducted Monday through Sunday, 7 a.m. to 6 p.m.
-SR 404 / Pineda Cswy, across the AICW (Indian River), mile 908.6 : temporarily reduce the horizontal clearance by 20 feet between the fenders. Approximately 70 feet of clearance will be available for mariners.

-SR 404 / Pineda Cswy, across the Banana River, mile 5.0: temporarily reduce the horizontal clearance by 20 feet between the fender. Approximately 40 feet of clearance will be available.

Oceaneer will be performing in water work via a Pontoon Boat and work barge. All mariners are advised to proceed though the are with caution and at a slow speed. For waterways related questions, contact USCG Sector Jacksonville Waterways Division, PO Rory Boyle at 904-714-7200 x7632, email Rory.C.Boyle@uscg.mil

Ref: LNM 19-20 through 21-20 Chart: 11485

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – PALM SHORES TO WEST PALM BEACH – INDIAN RIVER – FORT PIERCE SOUTH CAUSEWAY A1A (Peter J. Cobb) BRIDGE: Bridge Repair.

Brothers' Construction Inc., acting on behalf of the bridge owner, Florida Department of Transportation (FDOT), is authorized to temporarily reduce the horizontal clearance at the A1A South Cswy (Seaway Dr) Bridge across the Atlantic Intracoastal Waterway, mile 965.8, at Ft. Pierce, Florida.

The authorized navigation clearance at this location is 65 feet of vertical clearance at Mean High Water (MHW) and 90 feet of horizontal clearance between the fender systems. Brother's Construction requested to reduce the horizontal clearance for repair work to the SW portion of the fender system The Coast Guard is approving this request to reduce the horizontal clearance to 40 feet from April 20, 2020 through May 29, 2020, between the hours of 7 a.m. to 5 p.m. daily, Monday through Friday. A full channel opening will be provided with a 4 hour advanced notice. During non-working hours and Saturdays and Sundays, the navigational channel will be cleared allowing for 90 feet of horizontal clearance through the bridge.

For waterways information or questions, call or e-mail U.S. Coast Guard Sector Miami, Waterways Management Division; telephone 305-535-4317, email; D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 15-20 through 21-20 Chart: 11485

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – PALM SHORES TO WEST PALM BEACH – BLUE HERON BLVD BRIDGE: Fender Replacement

M&J Construction Company on behalf of Florida Department of Transportation (FDOT) will be replacing the fender system in the navigable channel on the Blue Heron Blvd Bridge at mile 1017.2, Atlantic Intracoastal Waterway (AICW), Palm Beach Florida from 31 July 2019 to 30 Jun, 2020. Equipment on scene will be a 110 foot barge with crane and a 60' barge with a crane along with a push boat. Work will be being performed 24 hours a day, 7 days a week. The channel will be reduced to 45 feet while work is ongoing. The barge/equipment can be moved for boats requiring the full width of the channel with a one hour advance notice. Boaters should contact Joe Burgos (352) 232-0396 or Robbie Belasic – (352) 293-1585. During non-working hours and Saturdays and Sundays, the equipment will be removed from the channel. For waterways questions, call or e-mail Coast Guard Sector Miami, FL, Waterways Management Division, telephone 305-535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 31-19 through 21-20 Chart: 11472

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – PALM SHORES TO WEST PALM BEACH –SOUTHERN BOULEVARD BRIDGE: Bridge Construction, Updated

The Southern Blvd bridge has been removed in its entirety from the waterway and a new bascule bridge is being constructed along the same alignment. A temporary lift bridge was installed approx. 100 feet north of the construction site. The temporary lift bridge provides a vertical clearance of 65 feet in the lifted position and a horizontal clearance of 125 feet between the fender system. The temporary lift bridge will operating in accordance with federal drawbridge operating regulation, 33 CFR 117.261(w).

From March 12, 2020 through August 31, 2021, the contractor will have construction equipment in the navigational channel directly south the temporary lift bridge. From 6 a.m. to 6 p.m. daily, the navigational channel south of the temporary lift bridge will be partially obstructed providing approximately 50 feet of horizontal clearance. Vessels requiring the full channel to safely pass are required to provide a 4-hour advanced notice. Public vessels of the United States and vessels in distress shall be passed at any time.

Questions regarding the ongoing construction of the new Southern Blvd bascule bridge may be directed to Mr. Clay Bores, 407-488-0738 or Mr. Andre Thomas, 561-657-1973. If you have waterway related questions, call or e-mail Coast Guard Sector Miami, FL, Waterways Management Division, telephone 305-535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL.

Ref: LNM 09 through 21-20 Chart: 11472

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – WEST PALM BEACH TO MIAMI – ROBERT HARRIS (LAKE AVENUE) BRIDGE: Bridge Closure.

The Robert Harris (Lake Avenue) Bridge across Atlantic Intracoastal Waterway, Lake Worth, Florida will be allowed to not to navigation from 8:30 p.m. to 10 p.m. on Saturday, July 4, 2020 to facilitate the City of Lake Worth Fireworks Display event. Vessels that may pass through the bridge without an opening may do so at any time. If you have questions, call or e-mail LT Samuel Rodriguez-Gonzalez, Sector Miami Waterways Management Division, U.S. Coast Guard; telephone 305-535-4307, e-mail Samuel.Rodriguez-Gonzalez@uscg.mil

Ref: LNM 21-20 Chart: 11467

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – WEST PALM BEACH TO MIAMI – HILLSBORO BOULEVARD BRIDGE: Bridge Closure.

The Hillsboro Boulevard Bridge across Atlantic Intracoastal Waterway, Deerfield Beach, Broward County, Florida will be closed to navigation from 6:00 p.m. to 11:00 p.m. on Saturday July 4, 2020 to facilitate an Independence Day event. Vessels that may pass through the bridge without an opening may do so at any time. For waterways questions, call or e-mail Coast Guard Sector Miami, FL, Waterways Management Division, telephone 305-535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 14-20 through 21-20 Chart: 11467

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – WEST PALM BEACH TO MIAMI – NEW RIVER – FEC RAILROAD BRIDGE: Test Deviation: **UPDATED**:

The Coast Guard has issued a temporary deviation from the operating schedule that governs the Florida East Coast (FEC) Railroad Bridge across the New River, mile 2.5, at Fort Lauderdale, Florida. This deviation will test a change to the drawbridge operation schedule to determine if the proposed operating schedule changes will meet the reasonable needs of maritime traffic and railway traffic. This deviation will allow the bridge to operate a more predictable drawbridge opening schedule. This deviation is effective from 12:01 a.m. on January 1, 2020 to 11:59 p.m. on June 26, 2020. For the purposes of enforcement, actual notice will be used from 12:01 a.m. on January 4, 2020. You may submit comments identified by docket number USCG-2019-0955 using Federal eRulemaking Portal at http://www.regulations.gov. Comments and relate material must reach the Coast Guard on or before March 30, 2020.

Under this deviation, the Florida East Coast (FEC) Railroad Bridge shall be maintained in the fully open-to-navigation position for vessels at all times, except during periods when it is closed for the passage of rail traffic, inspections and minor repairs. The drawbridge shall open and remain open to navigation for a fixed 10-minute period each hour, except that the drawbridge shall be open at the following times which shall serve as the hourly fixed 10-minute period:

7 a.m. until 7:10 a.m.
9 a.m. until 9:10 a.m.
4 p.m. until 4:10 p.m.
6 p.m. until 6:10 p.m.
10 p.m. until 10:10 p.m.

Additionally, in each hour from Noon to 2:59 p.m., the drawbridge shall open and remain open to navigation for an additional 10-minute period. The fixed 10-minute opening periods shall be published on a quarterly basis by the drawbridge owner and reflected on the owner's website and mobile application. In any case, the drawbridge shall not be closed to navigation for more than 60 consecutive minutes. The drawbridge shall have a drawbridge tender onsite at all times who is capable of physically tending and operating the drawbridge by local control, if necessary, or when ordered by the Coast Guard. The drawbridge tender shall provide estimated times of drawbridge openings and closures, upon request. Operational information will be provided 24 hours a day on VHF-FM channels 9 and 16 or by telephone at (305) 889-5572. Signs shall be posted visible to marine traffic and displaying VHF radio contact information, website and application information, and the telephone number for the bridge tender.

In the event of a drawbridge operational failure, or other emergency circumstances impacting normal drawbridge operations, the drawbridge owner shall immediately notify the Coast Guard Captain of the Port Miami and provide an estimated time of repair and return to normal operations.

A drawbridge log shall be maintained including drawbridge opening and closing times. The drawbridge log should include reasons for those drawbridge closings that interfere with scheduled openings in this part. This log shall be provided to the Coast Guard upon request. A website and mobile application shall be maintained to publish: drawbridge opening times required by this subsection; timely updates to schedules; at least 24-hour advance notice for each schedule in order to facilitate planning by maritime operators; and to the extent reasonably practicable, at least 60-minutes advance notice of schedule changes or delays.

Vessels able to pass through the bridge in the closed position may do so at anytime. The bridge will be able to open for emergencies and there is no immediate alternate route for vessels to pass. The Coast Guard will also inform the users of the waterways through our Local and Broadcast Notices to Mariners of the change in operating schedule for the bridge so that vessel operators can arrange their transits to minimize any impact caused by the temporary deviation.

In accordance with 33 CFR 117.35(e), the drawbridge must return to its regular operating schedule immediately at the end of the effective period of this temporary deviation. This deviation from the operating regulations is authorized under 33 CFR 117.35.

We encourage you to submit comments through the Federal eRulemaking Portal at http://www.regulations.gov. If your material cannot be submitted using http://www.regulations.gov, contact the person in the FOR FURTHER INFORMATION CONTACT section of this document for alternate instructions. We accept anonymous comments. All comments received will be posted without change to http://www.regulations.gov and will include any personal information you have provided. For more about privacy and the docket, visit http://www.regulations.gov/privacynotice.

If you have any questions please contact USCG Sector Miami Waterways Division at (305) 535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

The website and mobile application for the FEC New River Railroad Bridge can be found in both the Android and Apple, using the search feature and entering New River Bridge Schedule or online at http://www.nrbinfo.com.

Ref: LNM 01-20 through 21-20 Chart: 11467

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – WEST PALM BEACH TO MIAMI – NEW RIVER – ANDREWS AVENUE BRIDGE: Bridge Rehabilitation Project **UPDATE:**

Broward County is authorized to temporarily deviate from the drawbridge operation regulation 33 CFR 117.313(b) that governs the Andrews Avenue Bridge across the New River (Tarpon River), mile 2.3, at Fort Lauderdale, Florida.

Under this temporary deviation, the Andrews Avenue Bridge will require a 2 hour advanced notice for a bridge opening between the hours of 10:30 p.m. and 6 a.m., Sunday evenings through Friday mornings, beginning October 18, 2019 through May 31, 2020. This deviation is necessary for the bridge rehabilitation and painting project. At all other times, the bridge will operate in accordance with 33 CFR 117.313(b).

For waterways information or questions, call or e-mail U.S. Coast Guard Sector Miami, Waterways Management Division; telephone 305-535-4317, email; D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 42-19 through 21-20 Chart: 11467

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – WEST PALM BEACH TO MIAMI – NEW RIVER CANAL (South Fork) – I-595 BRIDGE: Bridge Construction

Archer Western on behalf of Florida Department of Transportation (FDOT) will be removing the fender system in the navigable channel on the I-595 Bridge across the South Fork of the New River Canal in preparation of the addition of the Express Lanes starting on October 18,

2019 through March 31, 2020. Archer Western requested a 6-month extension due to unexpected delays. The Coast Guard has approved this request through September 30, 2020. Work is being conducted 7 days a week from 6 a.m. to 6 p.m. Daily. Work barges will be present with full channel blockage at times. The barge/equipment can be moved for boats requiring the full width of channel with one hour advance notice. Boaters should contact Chris Thorthon (954) 605-4235 or Cloyce Poling (561) 718-2129 to request passage. For waterways questions, call or e-mail Coast Guard Sector Miami, FL, Waterways Management Division, telephone 305-535-4317, email D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL.

Ref: LNM 41-19 through 21-20 Chart: 11467

FLORIDA – ATLANTIC INTRACOASTAL WATERWAY – MIAMI TO ELLIOT KEY - RICKENBACKER CSWY BRIDGE: Fender Repairs

Lambert Bros, Inc. has been contracted by Miami-Dade County to remove and install new sections to the fender system on the Rickenbacker Cswy Bridge. The project will begin on February 25, 2019 and will continue thru May of 2020. The contractor will have floating equipment in the vicinity of the bridge to include barges, cranes, and other work vessels. Future waterway restrictions may be necessary. For waterways information or concerns, call or e-mail U.S. Coast Guard Sector Miami, Waterways Management Division; telephone 305-535-4317, email; D07-PF-SECMIAMI-MARINE-PERMITS@USCG.MIL

Ref: LNM 06-19 through 21-20 Chart: 11465

FLORIDA - INTRACOASTAL WATERWAY - BAHIA HONDA KEY TO SUGARLOAF KEY - UNNAMED MANMADE CANAL, SUGARLOAF BLVD, SUGARLOAF KEY: Special Bridge Notice

The Coast Guard has issued a public notice announcing a permit application from Monroe County requesting approval of the location and plans for the reconstruction of a vehicular bridge over an unnamed manmade canal mile 3.5 miles NW of Cudjoe bay/Hawk Channel, Upper Sugarloaf Sound, Sugarloaf Key Monroe County, Fl. Lat/Long: 24.638267, -81.555372. Public Notice 01-20 provides details of the proposed bridge project and solicits comments concerning the project. The public notice is available at https://www.navcen.uscg.gov/D7BN.

Ref: LNM 01-20 through 21-20 Chart: 11445

FLORIDA – GULF INTRACOASTAL WATERWAY - FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS – AREA BRIDGES: Bridge Construction

Construction of Bridge Nos. 120001, Bridge over Billy's Creek, 120002, SR 45 over Caloosahatchee River, 120077, SR S-82-B over ten-mile canal, 120157, Edison Bridge NB, and 120158, Edison Bridge SB, in Lee County has begun. The construction project will be ongoing until approximately September 21, 2019. There will be several pieces of floating construction equipment remaining in the water during the period of construction. The navigation channels under the bridges will be reduced to ½ channel size during the construction. All boaters are advised to use extreme caution while transiting the area.
The project manager, Seacoast Inc., may be reached at 813-925-3555 for details on the project. For waterways related questions, contact Coast Guard Sector St Petersburg Waterways at (813) 228-2191 or via email at D07-SMB-Tampa-WWM@uscg.mil

Ref: LNM 19-19 through 21-20 Chart: 11427

FLORIDA - GULF INTRACOASTAL WATERWAY - TAMPA BAY TO PORT RICHEY – THE NARROWS – PARK BLVD BRIDGE: Bridge Repair

Quinn Construction, Inc., on behalf of the bridge owner, Pinellas County Florida, is authorized to temporarily deviate from the drawbridge operation regulation 33 CFR 117.5 that governs the Park Blvd Bridge across the Gulf Intracoastal Waterway, mile 126, at Indian Shores, Florida.

Under this temporary deviation, the Park Blvd Bridge will provide single-leaf openings on demand and with a 4 hour advanced notice for a full opening, from March 11, 2020 through 11:59 p.m. on September 7, 2020. Additionally, the Coast Guard is approving the contractor's request to reduce the vertical clearance by 16 inches through September 7, 2020. This approval allows the contractor to continue necessary work on the bridge to complete the repair project. All boaters are advised to use extreme caution while transiting the area.

The project manager, Quinn Construction, Inc., may be reached at 941-722-7722 for details on the project. For waterways related questions, contact Coast Guard Sector St Petersburg Waterways at (813) 228-2191 or via email at D07-SMB-Tampa-WWM@uscg.mil

Ref: LNM 10-20 through 21-20 Chart: 11411

FLORIDA - GULF INTRACOASTAL WATERWAY - TAMPA BAY TO PORT RICHEY - BOCA CIEGA BAY - PINELLAS BAYWAY STRUCTURE 'E' BRIDGE: Bridge Repair

Construction on the Pinellas Bayway Structure 'E' Bridge has begun. The construction project will be ongoing from Jun 2019 through late July/early August 2020. There will be several pieces of floating equipment remaining in the water during the period of construction to include barges, cranes, and other work vessels. The Bayway Structure 'E' construction project is located near mile 113 on the Gulf Intracoastal Waterway, in Boca Ciega Bay, FL. As the work on the bridge progresses, navigation will restricted in different areas around the bridge to accommodate the construction project. The navigation channel will then be partially closed in summer 2020 periodically. All boaters are advised to use extreme caution while transiting the area.

The project manager for American Bridge, Jon Yates, may be reached at 813-538-8012 for details on the project. For waterways related questions, contact Coast Guard Sector St Petersburg Waterways at (813) 228-2191 or via email at D07-SMB-Tampa-WWM@uscg.mil

Ref: LNM 23-19 through 21-20 Chart: 11411

FLORIDA – GULF INTRACOASTAL WATERWAY – TAMPA BAY – ANCLOTE - DUNEDIN BRIDGE: Bridge Closure.

The Dunedin Bridge across the Gulf Intracoastal Waterway Dunedin, Florida will be allowed to not open for navigation from 11:00 p.m. on July 3 to 2:00 a.m. on July 4, 2020 to facilitate the Annual Kiwanis Midnight Run event. Vessels that may pass through the bridge without an opening may do so at any time.

Ref: LNM 20-20 through 21-20 Chart: 1141

D7 SUMMARY OF MARINE EVENTS

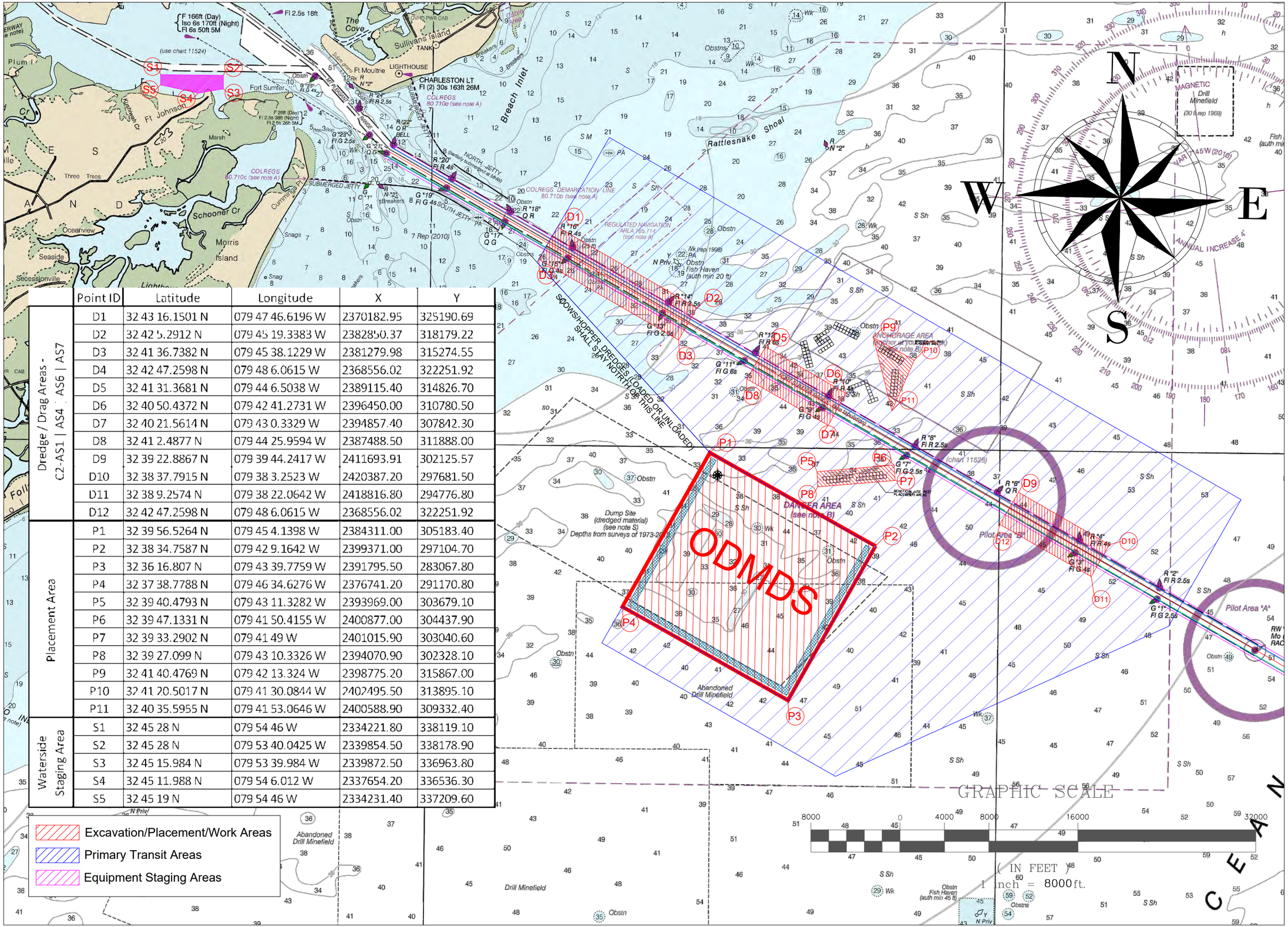
GEORGIA – ST SIMONS SOUND: REGULATED NAVIGATION AREA (RNA)
MARINERS ARE STRONGLY ADVISED TO REDUCE THEIR WAKE AROUND CEDAR CREEK, IN THE BRUNSWICK HARBOR DUE TO SALVAGE AND BOOMING OPERATIONS IN THE VICINITY OF THE M/V GOLDEN RAY

The following area is a regulated navigation area (RNA): All navigable waters of St. Simons Sound, GA, bounded by a line drawn from a point located at 31°07′48″ N, 081°23′30″ W, thence to 31°07′29″ N, 081°23′37″ W, thence to 31°07′38″ N, 081°24′10″ W, thence to 31°07′22″ N, 081°24′38″ W, thence to 31°07′40″ N, 081°25′01″ W, thence to 31°08′07″ N, 081°24′48″ W

The following aid has been temporarily relocated to facilitate salvage operations for the M/V GOLDEN RAY:
St. Simons Sound Lighted Buoy 19 (LLNR 6140) to position 31-07-38.072N/081-23-46.352W
Temporary chart correction LNM 39/19

All vessels greater than 500 gross tons intending to transit through the RNA must seek prior approval from the COTP Savannah at least 24-hours in advance of the vessel's arrival to, or departure from, the Port of Brunswick. The COTP Savannah can be contacted at (614) 943-5532. The COTP Savannah's designated representative can be contacted on VHF-FM channel 13. Upon approval to enter the RNA, the COTP Savannah will provide an approved timeframe a vessel may enter the RNA. Chart: 11506,
Ref: LNM 37/19, 38/19, 40/19, 42/19, 46/19

GEORGIA – ST. SIMONS SOUND: INSTALL OF PILES AROUND M/V GOLDEN RAY
Weeks Marine will be installing piles to create a barrier around the M/V GOLDEN RAY. During this construction phase, approximately 40 pile pairs will be installed. After the install of the piles, lights will be installed directly on the top of each pile. The lights will be transferred from the pile to the top of the pile pair structural framing when the framing is installed, with one light on each end of the top framing beam, with the lights approximately 20 feet apart at an elevation of +20 feet above MLLW. The pile pairs are typically spaced 155 feet apart around the perimeter of the EPB, environmental protection barrier. The lights will be an all-around white light with a minimum range of 1-mile. Vessels on scene: (2) Tugs: ROBERT and THOMAS, (3) Derrick Crane Barges: Weeks 526, 531 and 541 and (1) Crew boat: SORENSEN MILLER. All vessels will monitor VHF channels 13 and 16. Further information contact Weeks Marine, Rick Palmer at (757) 387-0032 or the US Coast Guard Marine Safety Unit Savannah at (912) 652-4353. Chart: 11506, Ref: LNM 07/20



	Point ID	Latitude	Longitude	X	Y
Dredge / Drag Areas - C2-AS1 | AS4 AS6 | AS7	D1	32 43 16.1501 N	079 47 46.6196 W	2370182.95	325190.69
	D2	32 42 5.2912 N	079 45 19.3383 W	2382850.37	318179.22
	D3	32 41 36.7382 N	079 45 38.1229 W	2381279.98	315274.55
	D4	32 42 47.2598 N	079 48 6.0615 W	2368556.02	322251.92
	D5	32 41 31.3681 N	079 44 6.5038 W	2389115.40	314826.70
	D6	32 40 50.4372 N	079 42 41.2731 W	2396450.00	310780.50
	D7	32 40 21.5614 N	079 43 0.3329 W	2394857.40	307842.30
	D8	32 41 2.4877 N	079 44 25.9594 W	2387488.50	311888.00
	D9	32 39 22.8867 N	079 39 44.2417 W	2411693.91	302125.57
	D10	32 38 37.7915 N	079 38 3.2523 W	2420387.20	297681.50
	D11	32 38 9.2574 N	079 38 22.0642 W	2418816.80	294776.80
	D12	32 42 47.2598 N	079 48 6.0615 W	2368556.02	322251.92
Placement Area	P1	32 39 56.5264 N	079 45 4.1398 W	2384311.00	305183.40
	P2	32 38 34.7587 N	079 42 9.1642 W	2399371.00	297104.70
	P3	32 36 16.807 N	079 43 39.7759 W	2391795.50	283067.80
	P4	32 37 38.7788 N	079 46 34.6276 W	2376741.20	291170.80
	P5	32 39 40.4793 N	079 43 11.3282 W	2393969.00	303679.10
	P6	32 39 47.1331 N	079 41 50.4155 W	2400877.00	304437.90
	P7	32 39 33.2902 N	079 41 49 W	2401015.90	303040.60
	P8	32 39 27.099 N	079 43 10.3326 W	2394070.90	302328.10
	P9	32 41 40.4769 N	079 42 13.324 W	2398775.20	315867.00
	P10	32 41 20.5017 N	079 41 30.0844 W	2402495.50	313895.10
	P11	32 40 35.5955 N	079 41 53.0646 W	2400588.90	309332.40
Waterside Staging Area	S1	32 45 28 N	079 54 46 W	2334221.80	338119.10
	S2	32 45 28 N	079 53 40.0425 W	2339854.50	338178.90
	S3	32 45 15.984 N	079 53 39.984 W	2339872.50	336963.80
	S4	32 45 11.988 N	079 54 6.012 W	2337654.20	336536.30
	S5	32 45 19 N	079 54 46 W	2334231.40	337209.60

Excavation/Placement/Work Areas

Primary Transit Areas

Equipment Staging Areas

REVISIONS

DESCRIPTION	DATE

GREAT LAKES DREDGE AND DOCK COMPANY
2122 York Road Oak Brook IL 60523
CIVIL ENGINEERING/ SURVEYING DIVISION
Phone 630 574-3000 Fax 630 574-1515

PROJECT
POST 45 CHARLESTON ENTRANCE CHANNEL MAINTENANCE & NEW WORK DREDGING

TITLE/SURVEY TITLE
Overview

SCALE: 1:8000
DATE: April 20, 2020
GLDD JOB NO: 72569 / 72584
USACE JOB NO: W912HP-18-C-0001|W912HP-17-C-0007
FILE NAME: Master 72569-84 Notice to Mariners 01.dwg
DESIGNED BY: M. PALADINO
APPROVED BY:

PAGE 1 OF 1 PAGES

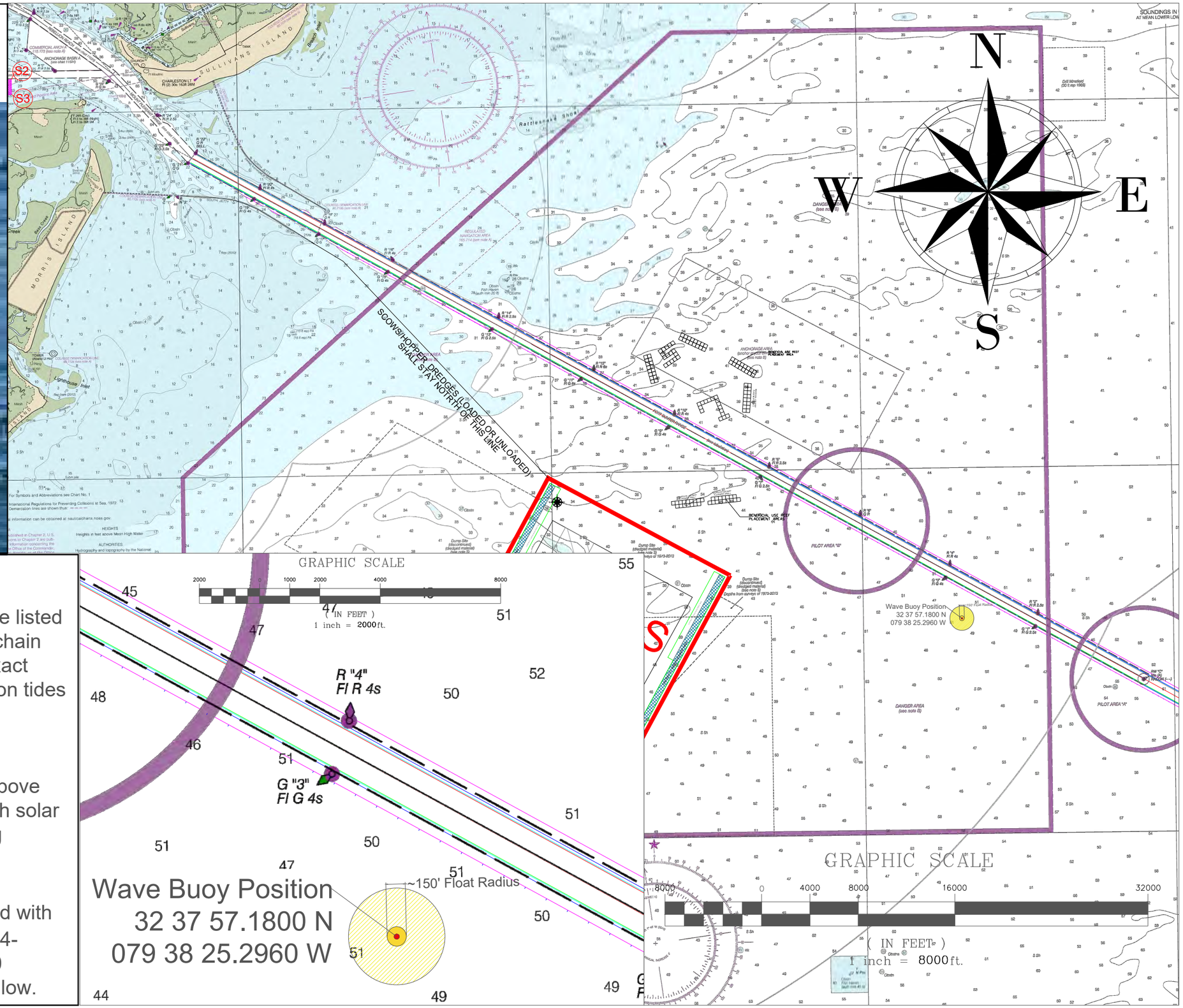
NexSens CB-950 Data Buoy

Wave Data Buoy

Buoy is anchored in the listed location with ~130' of chain tethering the buoy. Exact position is dependent on tides and currents.

Buoy has an exposed Topside Tower ~45" above waterline equipped with solar panels for maintaining system operations.

Buoy tower is equipped with solar marine light with 4-nautical mile range, 60 flashes per minute, yellow.



REVISIONS

DESCRIPTION	DATE

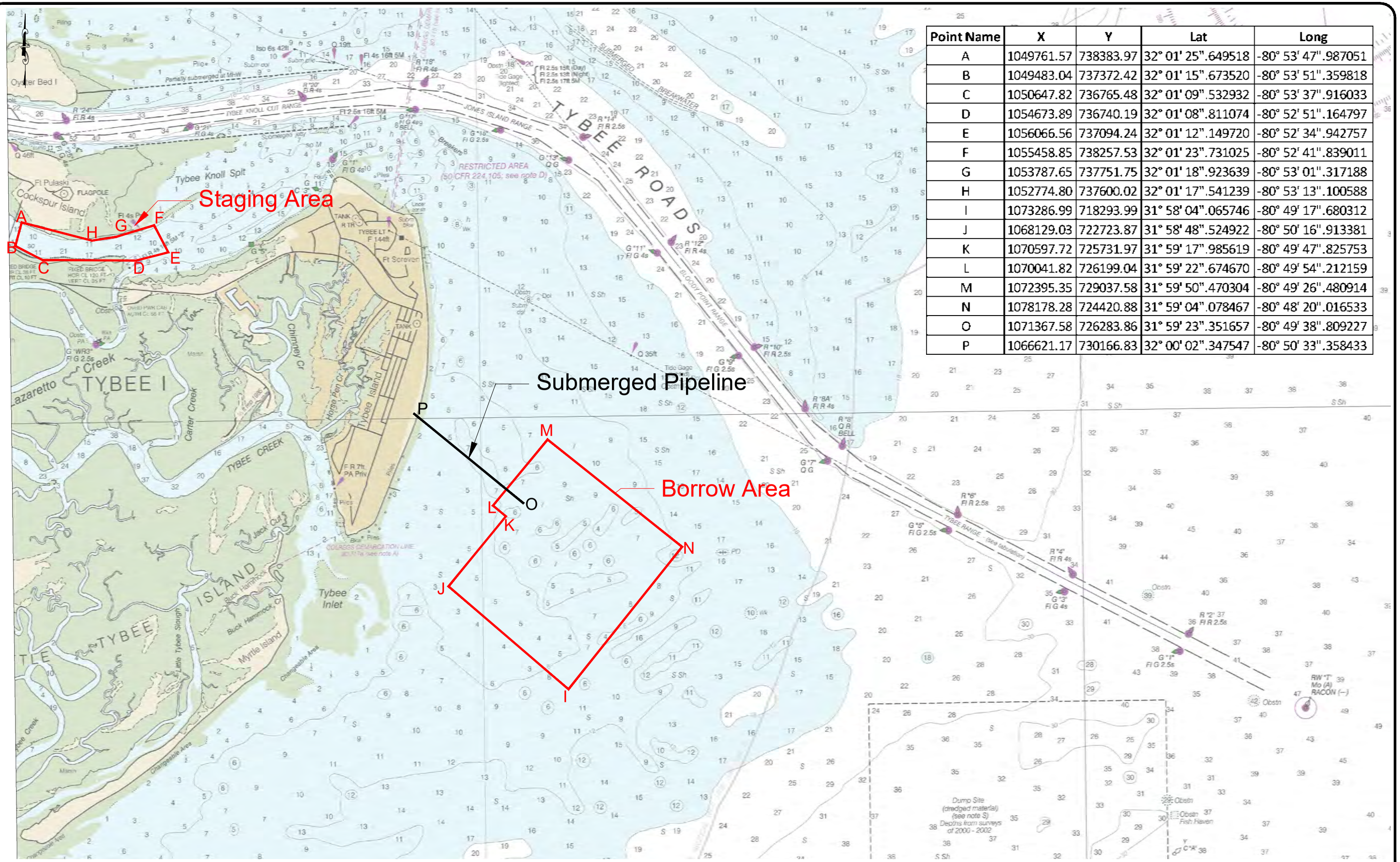
GREAT LAKES DREDGE AND DOCK COMPANY
2122 York Road Oak Brook IL 60523
CIVIL ENGINEERING/ SURVEYING DIVISION
Phone 630 574-3000 Fax: 630 574-1515

PROJECT
POST 45 CHARLESTON ENTRANCE CHANNEL
MAINTENANCE & NEW WORK DREDGING

TITLE/SURVEY TITLE
Wave Buoy Location

SCALE:	1:8000
DATE:	May 21, 2020
GLDD JOB NO:	72569 / 72584
USACE TOB NO:	W912HP-18-C-0001/W912HP-17-C-0007
FILE NAME:	Radar 72569-84 Notice to Mariners R1.dwg
DESIGNED BY:	A. ZIMMERMAN
APPROVED BY:	

PAGE 1 OF 1 PAGES



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A	1049761.57	738383.97	32° 01' 25".649518	-80° 53' 47".987051
B	1049483.04	737372.42	32° 01' 15".673520	-80° 53' 51".359818
C	1050647.82	736765.48	32° 01' 09".532932	-80° 53' 37".916033
D	1054673.89	736740.19	32° 01' 08".811074	-80° 52' 51".164797
E	1056066.56	737094.24	32° 01' 12".149720	-80° 52' 34".942757
F	1055458.85	738257.53	32° 01' 23".731025	-80° 52' 41".839011
G	1053787.65	737751.75	32° 01' 18".923639	-80° 53' 01".317188
H	1052774.80	737600.02	32° 01' 17".541239	-80° 53' 13".100588
I	1073286.99	718293.99	31° 58' 04".065746	-80° 49' 17".680312
J	1068129.03	722723.87	31° 58' 48".524922	-80° 50' 16".913381
K	1070597.72	725731.97	31° 59' 17".985619	-80° 49' 47".825753
L	1070041.82	726199.04	31° 59' 22".674670	-80° 49' 54".212159
M	1072395.35	729037.58	31° 59' 50".470304	-80° 49' 26".480914
N	1078178.28	724420.88	31° 59' 04".078467	-80° 48' 20".016533
O	1071367.58	726283.86	31° 59' 23".351657	-80° 49' 38".809227
P	1066621.17	730166.83	32° 00' 02".347547	-80° 50' 33".358433

GREAT LAKES DREDGE AND DOCK COMPANY
2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: 72714 - Tybee Island Renourishment

TITLE: Tybee LNTM 11 x 17

GLDD JOB NO.:	72714	DRAWN BY:	JNK	DRAWING DATE:	191111
CLIENT JOB NO.:	W912HN19B5006	LAST SAVED BY:	JKinto	SCALE:	1:4000

FILE NAME: D:\Dropbox (GLDD)\72714 Tybee\02 Quality Control\04 Correspondence\05 LNTM\191111 Tybee Island LNTM.dwg

SURVEY DATE: XXXXXXXX

PROJECT SURVEY METADATA

SURVEY CONTROL

HORIZONTAL DATUM: ####
LOCAL GRID: ####
VERTICAL DATUM: ####
UNITS HORIZ. / VERT.: ####
SURVEY/RECIL. CONTROL POINT: X= #.####
Y= #.####
Z= #.####

OPERATOR / CONDITIONS

ENGINEER / SURVEYOR: XXXXXX
SURVEY VESSEL: XXXXXX
VESSEL OPERATOR: XXXXXX
SEA STATE: XXXXXX

ELECTRONIC EQUIPMENT

FATHOMETER: ####
FREQUENCY(s): ####
HEAVE CORR.: ####
TIDE: #.###
POSITIONING: ####

GRAPHIC SCALE
(IN FEET)
2000 0 1000 2000 4000 8000
1 inch = 4000: ft.

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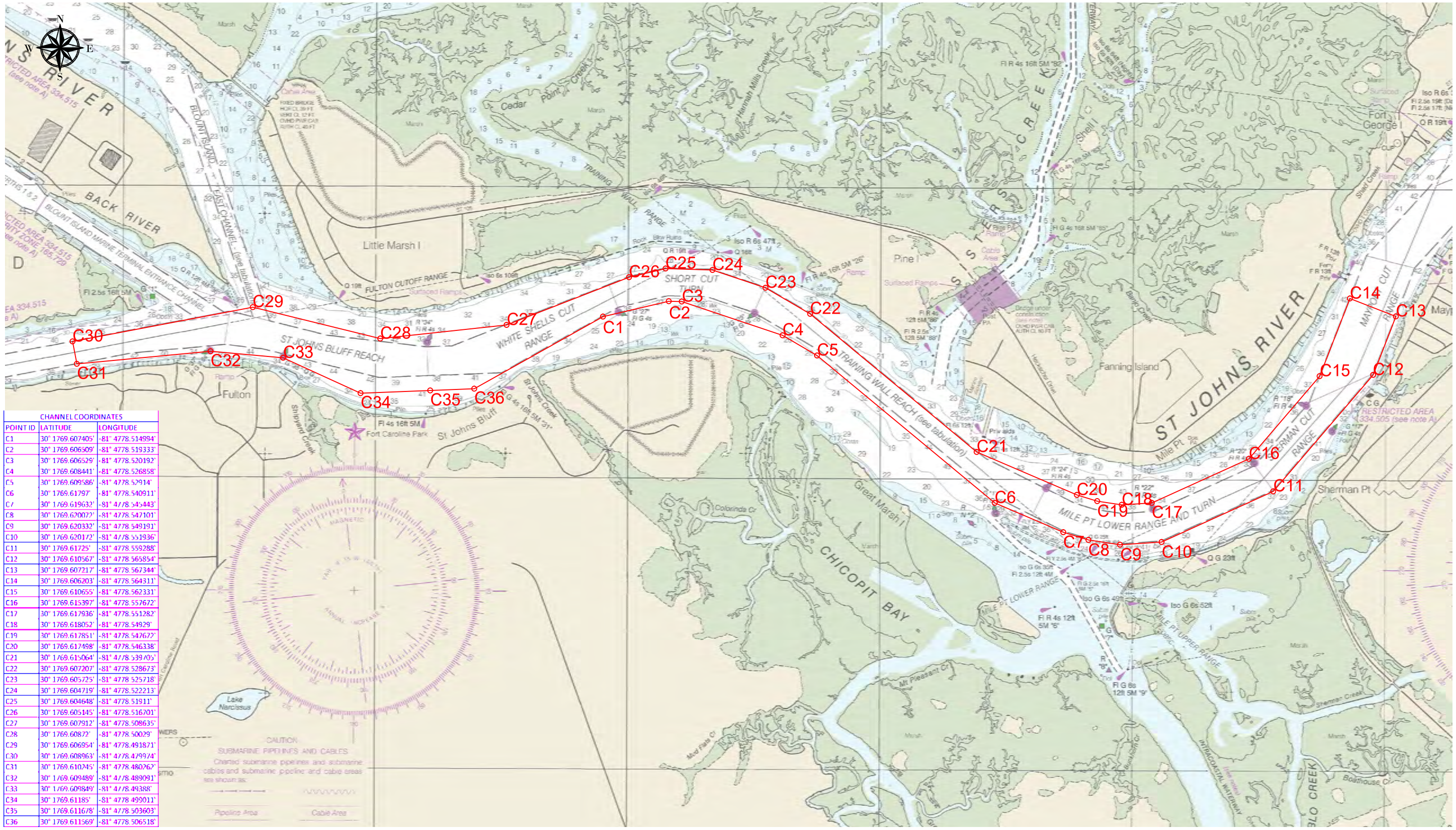

CHANNEL COORDINATES		
POINT ID	LATITUDE	LONGITUDE
C1	30° 1769.607405'	-81° 4778.514994'
C2	30° 1769.606509'	-81° 4778.519333'
C3	30° 1769.606529'	-81° 4778.520192'
C4	30° 1769.608441'	-81° 4778.526858'
C5	30° 1769.609586'	-81° 4778.52914'
C6	30° 1769.61797'	-81° 4778.540911'
C7	30° 1769.619633'	-81° 4778.545443'
C8	30° 1769.620022'	-81° 4778.547101'
C9	30° 1769.620332'	-81° 4778.549191'
C10	30° 1769.620172'	-81° 4778.551936'
C11	30° 1769.61725'	-81° 4778.559288'
C12	30° 1769.610567'	-81° 4778.565854'
C13	30° 1769.607217'	-81° 4778.567344'
C14	30° 1769.606203'	-81° 4778.564311'
C15	30° 1769.610655'	-81° 4778.562331'
C16	30° 1769.615397'	-81° 4778.557672'
C17	30° 1769.617936'	-81° 4778.551282'
C18	30° 1769.618052'	-81° 4778.54929'
C19	30° 1769.617851'	-81° 4778.547677'
C20	30° 1769.617498'	-81° 4778.546338'
C21	30° 1769.615064'	-81° 4778.539705'
C22	30° 1769.607207'	-81° 4778.528673'
C23	30° 1769.605725'	-81° 4778.525718'
C24	30° 1769.604719'	-81° 4778.522213'
C25	30° 1769.604648'	-81° 4778.51911'
C26	30° 1769.605145'	-81° 4778.516701'
C27	30° 1769.607912'	-81° 4778.508635'
C28	30° 1769.60872'	-81° 4778.50029'
C29	30° 1769.606954'	-81° 4778.491871'
C30	30° 1769.608963'	-81° 4778.479974'
C31	30° 1769.610745'	-81° 4778.480262'
C32	30° 1769.609489'	-81° 4778.489091'
C33	30° 1769.609849'	-81° 4778.49388'
C34	30° 1769.61185'	-81° 4778.499011'
C35	30° 1769.611678'	-81° 4778.503603'
C36	30° 1769.611569'	-81° 4778.506518'

FILE LOCATION: H:\Dropbox (GLDD)\Projects\72597 Jacksonville Deepening\04 Drawings\09 From Oak Brook\72597 - Jacksonville Harbor Deepening, Contract B - Dredge Allocaton Drawing\72597 - Jacksonville Harbor Deepening, Contract B - NTM.dwg

GREAT LAKES DREDGE AND DOCK COMPANY
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CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

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TITLE: NOTICE TO MARINERS - CHANNEL

DRAWING NO: GLDD 1

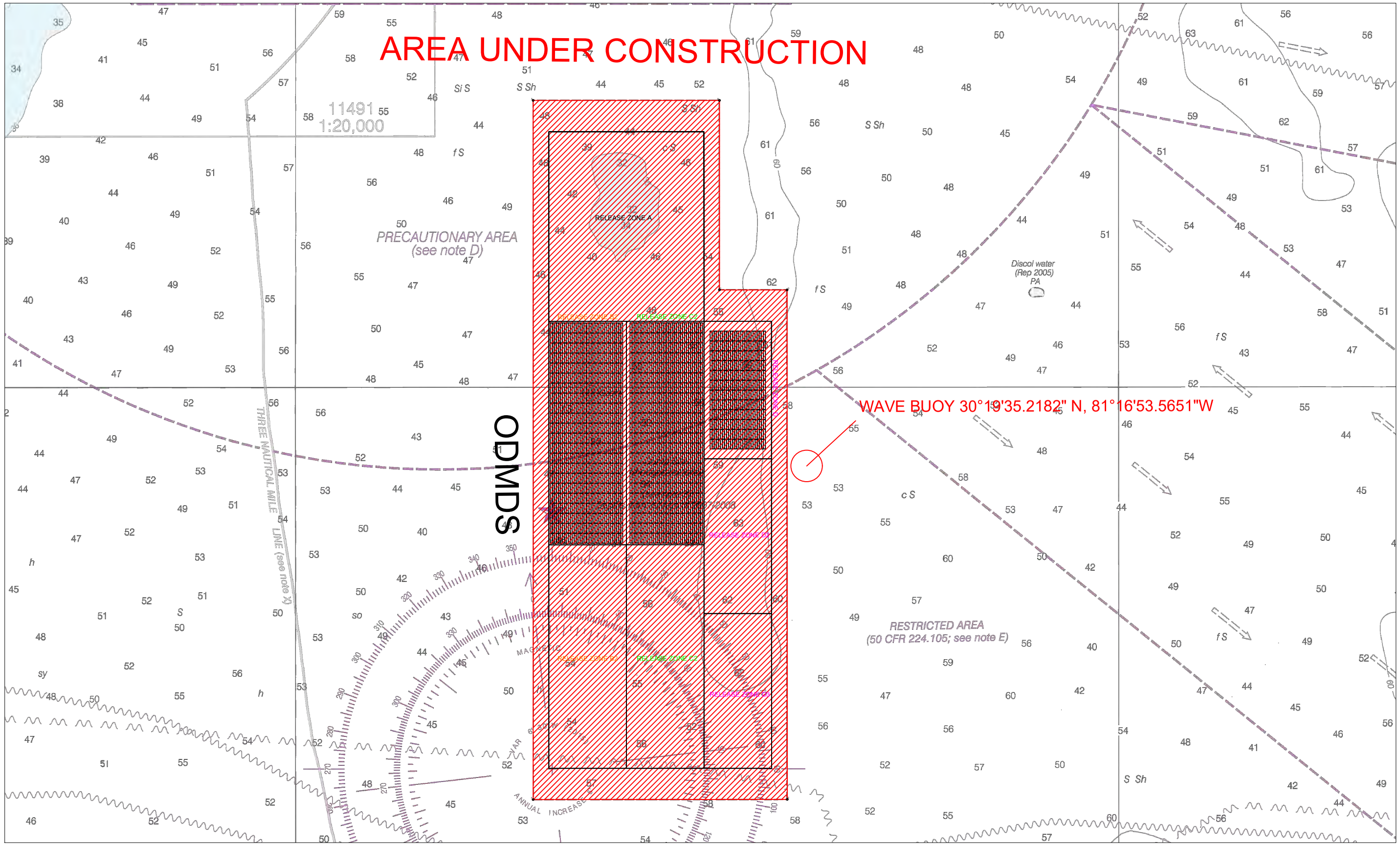
PROJECT: Jacksonville Harbor, Contract B

PROJECT DETAILS

HORIZONTAL DATUM:	NAD 83	VERTICAL DATUM:	Borrow=MLLW,Fill=MLLW
GRID:	State Plane	UNITS:	Feet
ZONE:	0901 - Florida East	DRAWN BY:	Chris
LAST SAVED BY:	MPatria	DRAWING DATE:	November 1, 2018

GRAPHIC SCALE
(IN FEET)
1000 0 500 1000 2000 4000
1 inch = 2000: ft.

SHEET 1 of 1



C:\Users\CBradford\Dropbox (GLDD)\72597 Jacksonville Deepening\09 Operations\11 Pilot Update\2019\11 NOV\191120 Pilot Update\191120 W912EP18C0021 – Jacksonville Harbor Deepening Contract B– Pilot Update_CSL Version – DNY.dwg

GREAT LAKES DREDGE AND DOCK COMPANY
2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: Jacksonville Deepening - Contract B

TITLE: ODMDS-Area Under Construction

GLDD JOB NO.:	72597	DRAWN BY:	CEB	DATE:	November 21, 2019
CLIENT JOB NO.:	W912-EP-18-C0021	LAST SAVED BY:	CBradford	SCALE:	1:3000

FILE NAME: C:\Users\CBradford\Dropbox (GLDD)\72597 Jacksonville Deepening\09 Operations\11 Pilot Update\2019\11 NOV\191120 Pilot Update\191120 W912EP18C0021 - Jacksonville Harbor Deepening Contract B- Pilot Update_CSL Version - DNY.dwg

GRAPHIC SCALE
(IN FEET)
150 0 75 150 300 600
1 inch =300.0001ft.

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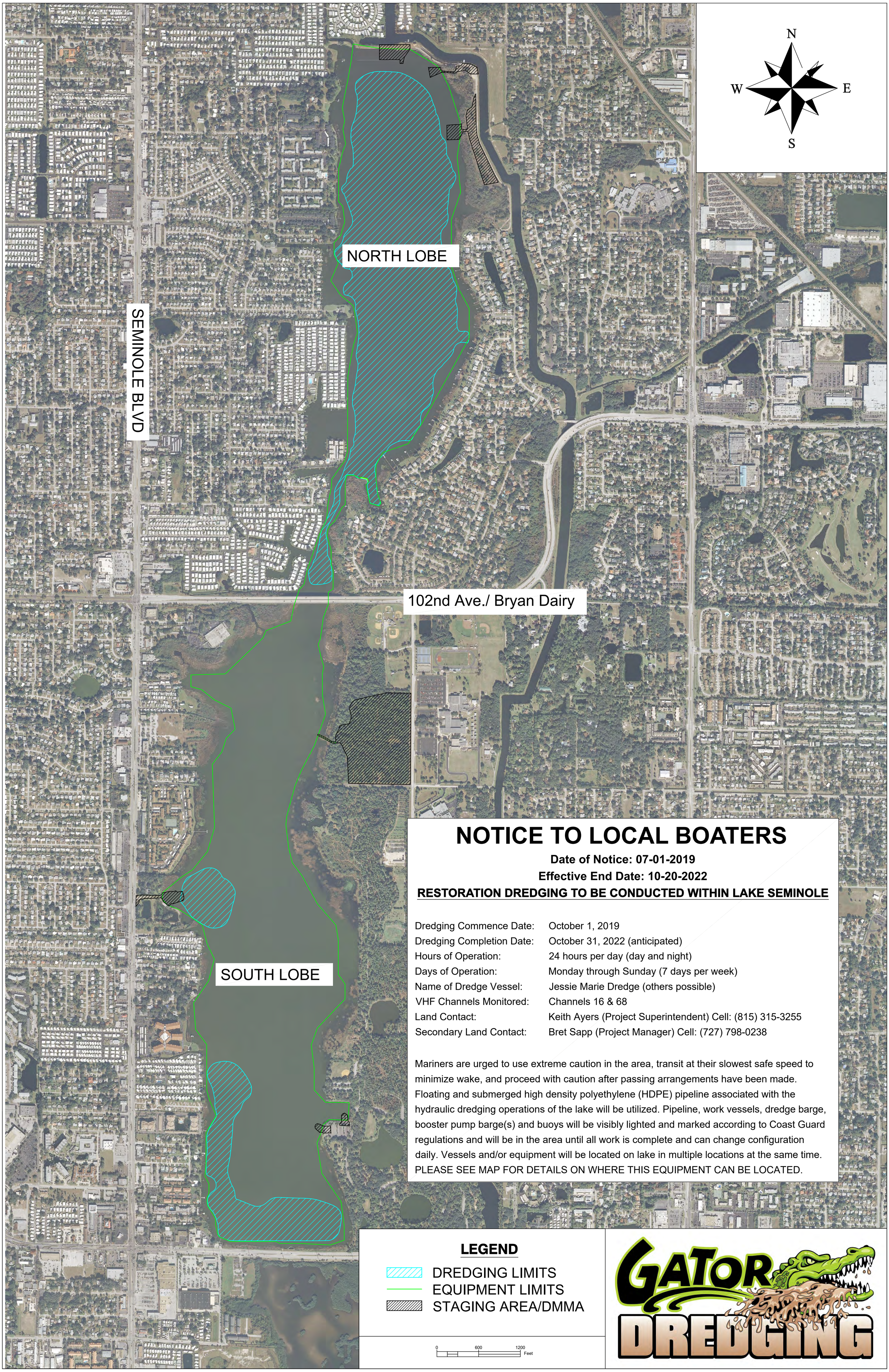


NOTICE TO LOCAL BOATERS

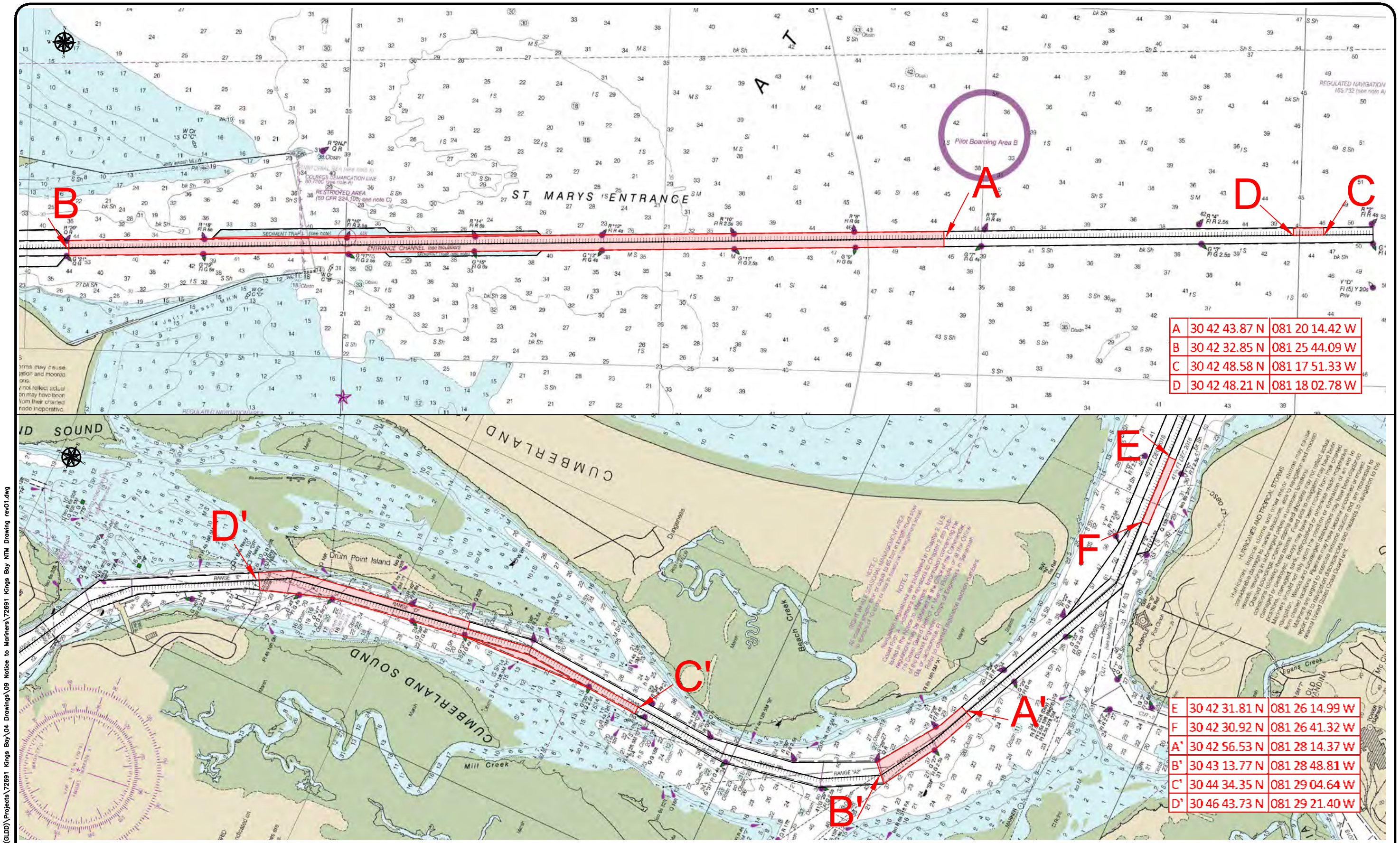
Date of Notice: 07-01-2019

Effective End Date: 10-20-2022

RESTORATION DREDGING TO BE CONDUCTED WITHIN LAKE SEMINOLE

Dredging Commence Date:	October 1, 2019
Dredging Completion Date:	October 31, 2022 (anticipated)
Hours of Operation:	24 hours per day (day and night)
Days of Operation:	Monday through Sunday (7 days per week)
Name of Dredge Vessel:	Jessie Marie Dredge (others possible)
VHF Channels Monitored:	Channels 16 & 68
Land Contact:	Keith Ayers (Project Superintendent) Cell: (815) 315-3255
Secondary Land Contact:	Bret Sapp (Project Manager) Cell: (727) 798-0238

Mariners are urged to use extreme caution in the area, transit at their slowest safe speed to minimize wake, and proceed with caution after passing arrangements have been made. Floating and submerged high density polyethylene (HDPE) pipeline associated with the hydraulic dredging operations of the lake will be utilized. Pipeline, work vessels, dredge barge, booster pump barge(s) and buoys will be visibly lighted and marked according to Coast Guard regulations and will be in the area until all work is complete and can change configuration daily. Vessels and/or equipment will be located on lake in multiple locations at the same time. PLEASE SEE MAP FOR DETAILS ON WHERE THIS EQUIPMENT CAN BE LOCATED.



A	30 42 43.87 N	081 20 14.42 W
B	30 42 32.85 N	081 25 44.09 W
C	30 42 48.58 N	081 17 51.33 W
D	30 42 48.21 N	081 18 02.78 W

E	30 42 31.81 N	081 26 14.99 W
F	30 42 30.92 N	081 26 41.32 W
A'	30 42 56.53 N	081 28 14.37 W
B'	30 43 13.77 N	081 28 48.81 W
C'	30 44 34.35 N	081 29 04.64 W
D'	30 46 43.73 N	081 29 21.40 W

E:\Dropbox (GLDD)\Projects\72691 Kings Bay\04 Drawings\09 Notice to Mariners\72691 Kings Bay NTM Drawing rev01.dwg

GREAT LAKES DREDGE AND DOCK COMPANY
2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: NAVAL SUBMARINE BASE KINGS BAY - ENTRANCE CHANNEL MAINTENANCE DREDGING CUT-1N THROUGH RANGE-E

TITLE: 11X17 Notice To Mariners - Dredge Areas

GLDD JOB NO.:	72691	DRAWN BY:	MONeill	DATE:	December 4, 2019
CLIENT JOB NO.:	W912EP1980022	LAST SAVED BY:	MONeill	SCALE:	1:3000

FILE NAME: E:\Dropbox (GLDD)\Projects\72691 Kings Bay\04 Drawings\09 Notice To Mariners\72691 Kings Bay NTM Drawing Rev01.dwg

PROJECT METADATA

HORIZONTAL DATUM:	NAD83
LOCAL GRID:	GEORGIA EAST 1001
VERTICAL DATUM:	MLLW
UNITS HORIZ. / VERT.:	US SURVEY FT

LEGEND

GRAPHIC SCALE
(IN FEET)
1500 0 750 1500 3000 6000
1 inch = 3000.000 ft.

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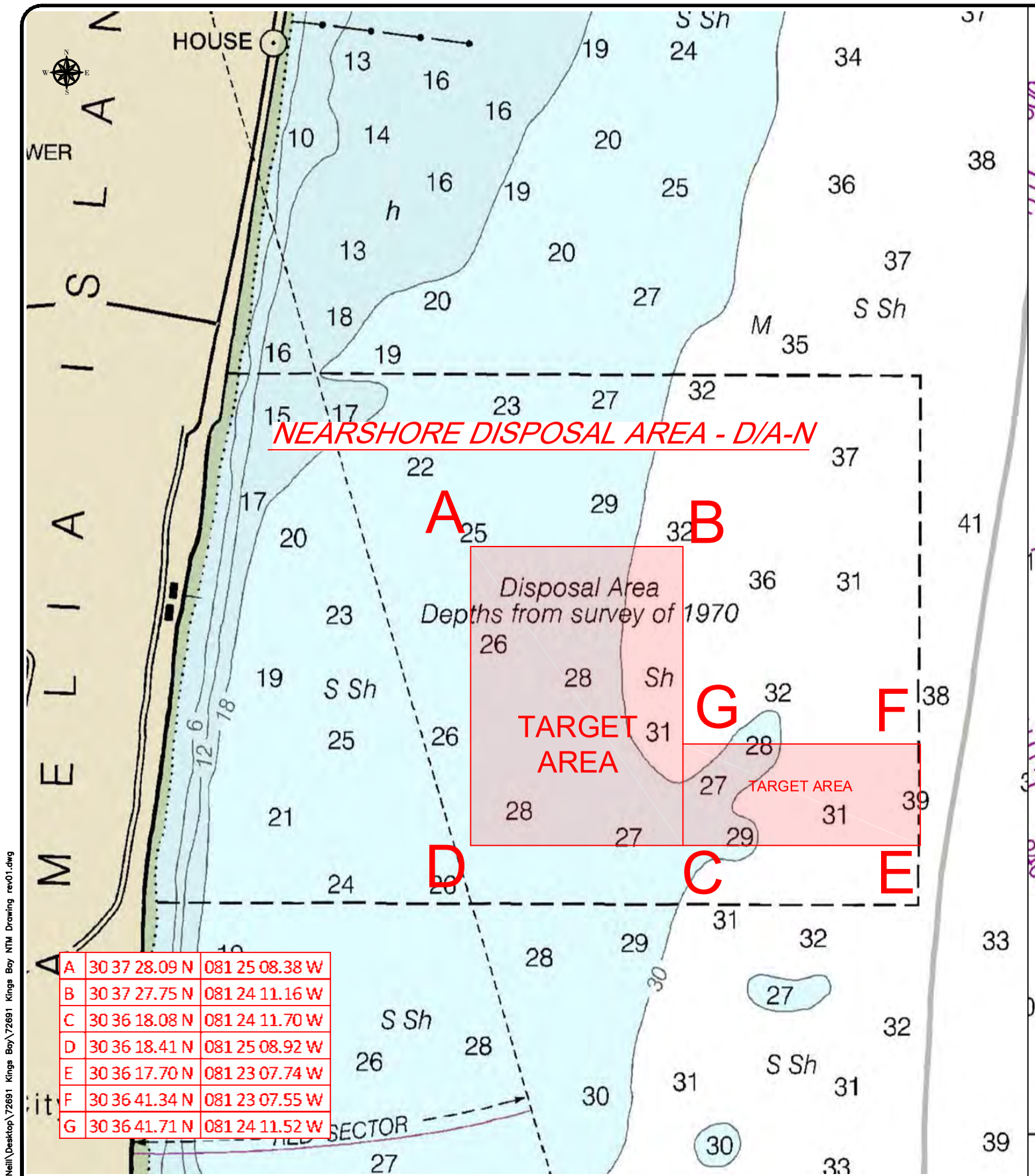
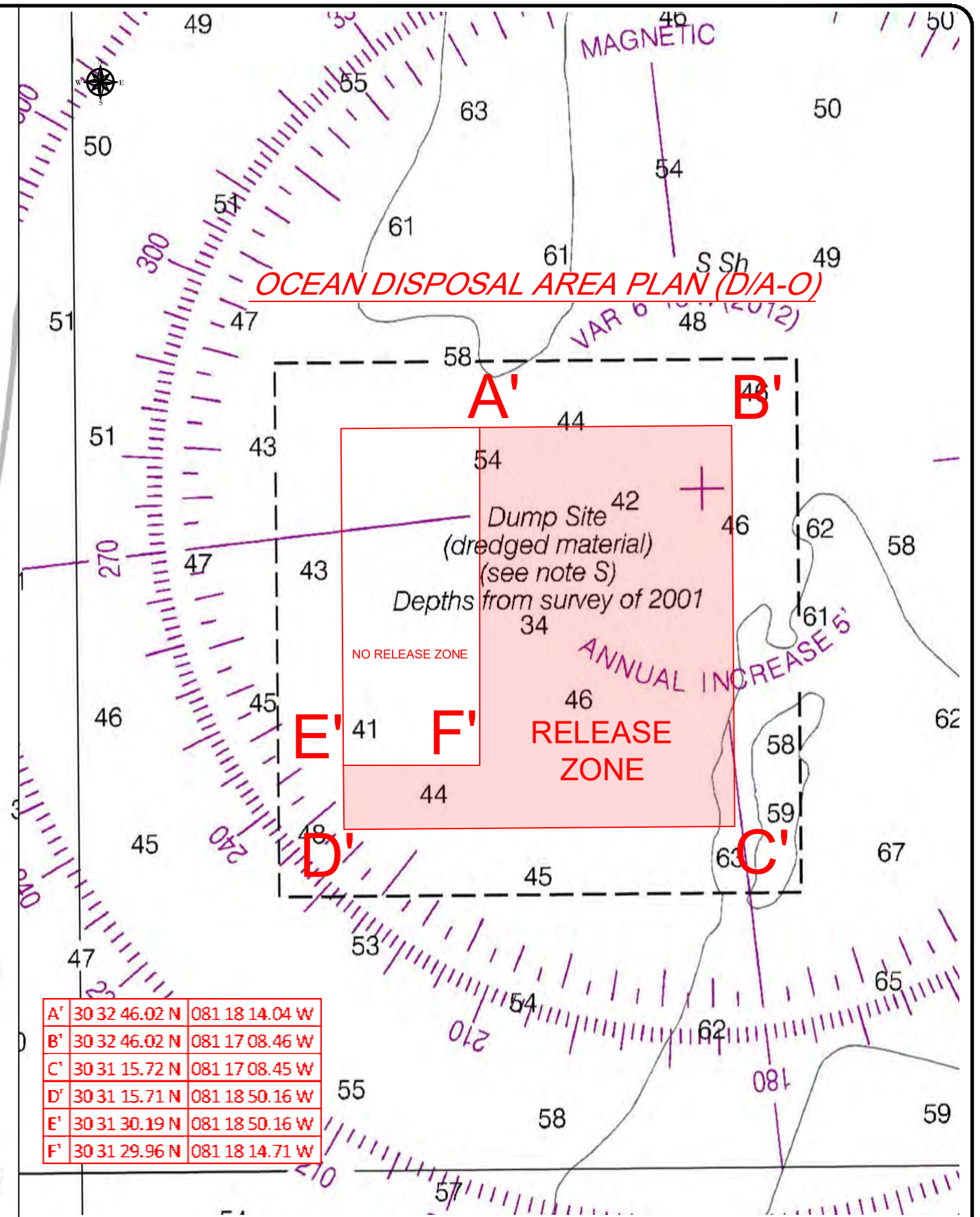


A	30 37 28.09 N	081 25 08.38 W
B	30 37 27.75 N	081 24 11.16 W
C	30 36 18.08 N	081 24 11.70 W
D	30 36 18.41 N	081 25 08.92 W
E	30 36 17.70 N	081 23 07.74 W
F	30 36 41.34 N	081 23 07.55 W
G	30 36 41.71 N	081 24 11.52 W



A'	30 32 46.02 N	081 18 14.04 W
B'	30 32 46.02 N	081 17 08.46 W
C'	30 31 15.72 N	081 17 08.45 W
D'	30 31 15.71 N	081 18 50.16 W
E'	30 31 30.19 N	081 18 50.16 W
F'	30 31 29.96 N	081 18 14.71 W

GREAT LAKES DREDGE AND DOCK COMPANY
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CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: NAVAL SUBMARINE BASE KINGS BAY - ENTRANCE CHANNEL MAINTENANCE DREDGING CUT-1N THROUGH RANGE-E

TITLE: 11X17 Notice To Mariners - Disposal Areas

GLDD JOB NO.:	72691	DRAWN BY:	MONeill	DATE:	December 3, 2019
CLIENT JOB NO.:	W912EP1980022	LAST SAVED BY:	MONeill	SCALE:	1:3000.0001

FILE NAME: C:\Users\MONeill\Desktop\72691 Kings Bay\72691 Kings Bay NTM Drawing Rev01.dwg

PROJECT METADATA

HORIZONTAL DATUM:	NAD83
LOCAL GRID:	GEORGIA EAST 1001
VERTICAL DATUM:	MLLW
UNITS HORIZ. / VERT.:	US SURVEY FT

LEGEND

GRAPHIC SCALE
(IN FEET)
1500 0 750 1500 3000 6000
1 inch =3000.0001ft.

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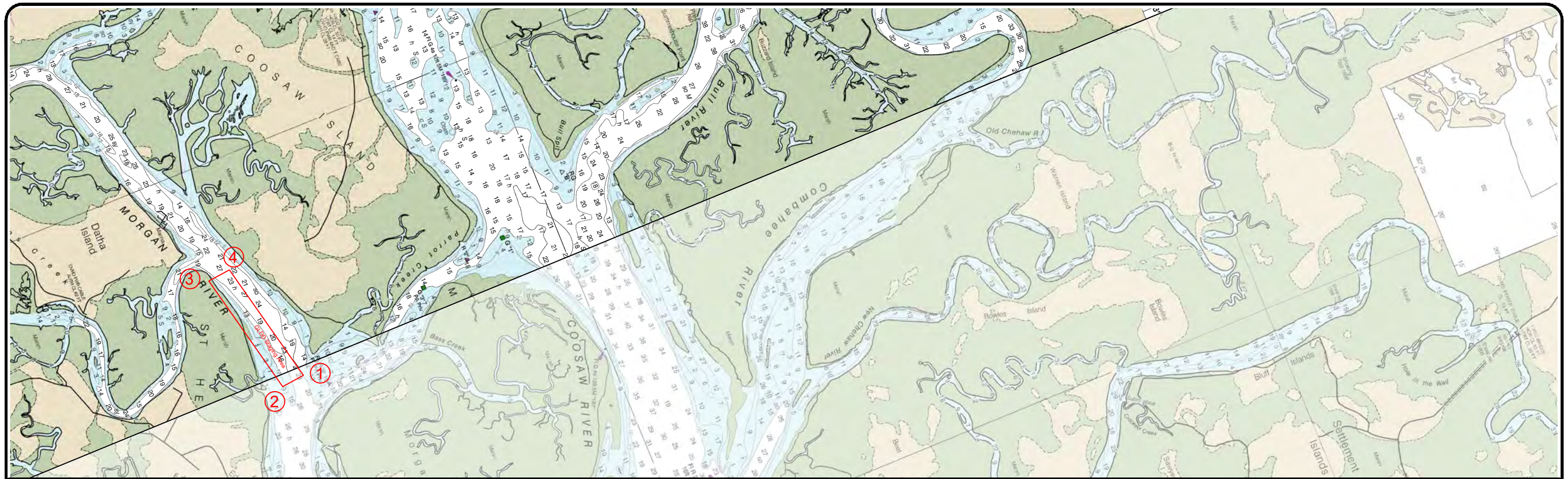

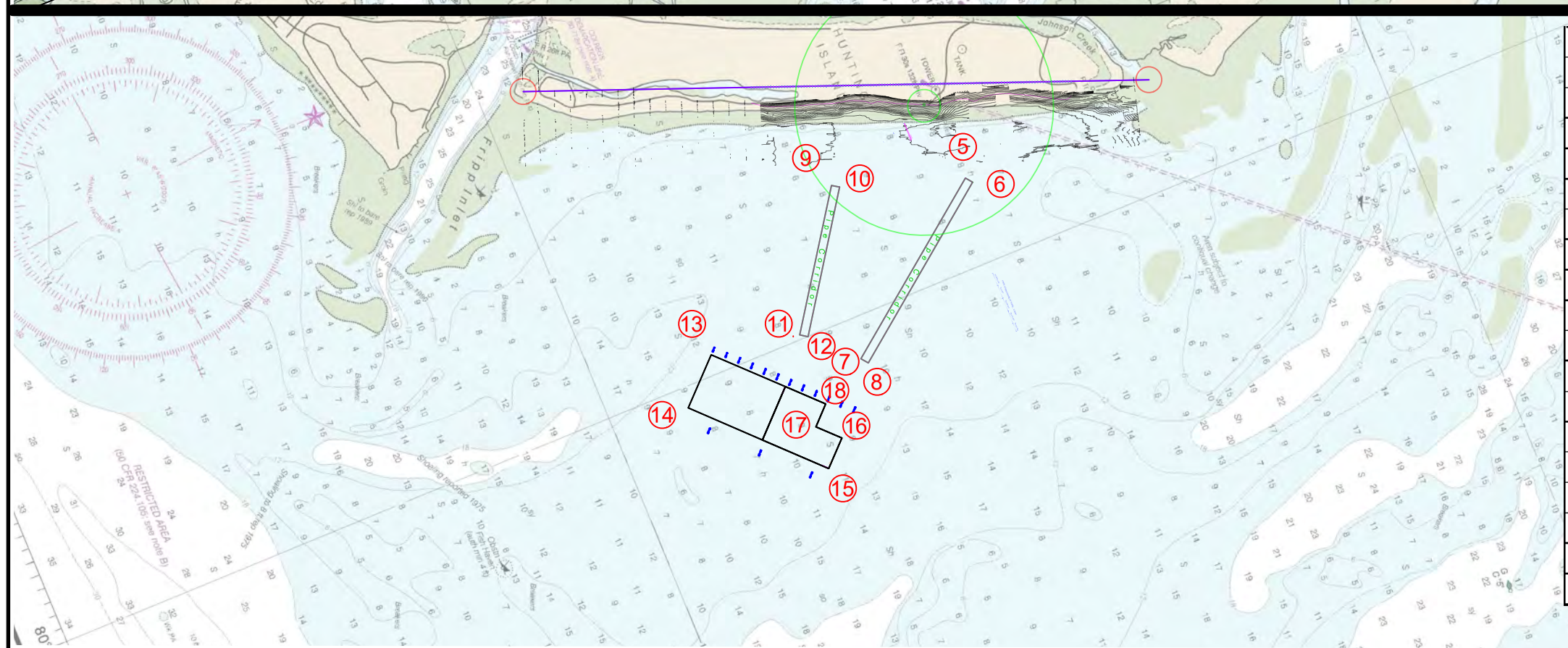

POINT	COORDINATES	
1	33 27 40.5876N	080 32 52.7304W
2	32 27 29.3310N	080 32 51.2830W
3	32 27 15.7066N	080 34 02.6110W
4	32 27 26.9601N	080 34 04.0609
5	32 22 29.6086N	080 25 36.8550W
6	32 22 31.4198N	080 25 34.0694W
7	32 21 30.7732N	080 24 43.5583W
8	32 21 32.5878N	080 24 40.7859W
9	32 21 44.5643N	080 25 55.4440W
10	32 21 47.0000N	080 25 53.4813W
11	32 21 13.8611N	080 25 2.5128W
12	32 21 16.3200N	080 25 0.5377W
13	32 20 42.0556N	080 25 8.9872W
14	32 20 27.2976N	080 24 52.0627W
15	32 21 5.2585N	080 24 6.0965W
16	32 21 13.7553N	080 24 15.8732W
17	32 21 6.7022N	080 24 24.3072W
18	32 21 13.0557N	080 24 31.6556W

GREAT LAKES DREDGE AND DOCK COMPANY
2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: Hunting Island State Park Beach Restoration

TITLE: 11X17 Landscape

GLDD JOB NO.:	72709	DRAWN BY:	XXXXXX	DATE:	February 5, 2016
CLIENT JOB NO.:	P28-9754-MJ-A	LAST SAVED BY:	L.Jakubos	SCALE:	1:5000

FILE NAME: C:\Dropbox (GLDD)\72709 Hunting Island\09 Operations\09 Notice To Mariners\Drawing\72709 Hunting Island Notice To Mariners_Rev1.dwg

PROJECT SURVEY METADATA

HORIZONTAL DATUM:	NAD83
LOCAL GRID:	SC-3900
VERTICAL DATUM:	NavD88
UNITS HORIZ. / VERT.:	International Feet
BASE STATION CONTROL POINT:	x= XXXXXX
	Y= XXXXXX
	Z= XXXXXX
QC CHECK-IN POINT:	x= XXXXXX
	Y= XXXXXX
	Z= XXXXXX

OPERATOR / CONDITIONS

SURVEY DATE:	XXXXXX
ENGINEER / SURVEYOR:	XXXXXX
WEATHER:	XXXXXX
TEMPERATURE:	XXXXXX

SURVEY EQUIPMENT

RADIO MODEL:	XXXXXX
ROVER MODEL:	XXXXXX
BASE MODEL:	XXXXXX
ROD LENGTH:	XXXXXX
CRAB:	XXXXXX

GRAPHIC SCALE
(IN FEET)
2500 0 1250 2500 5000 10000
1 inch = 5000: ft.

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