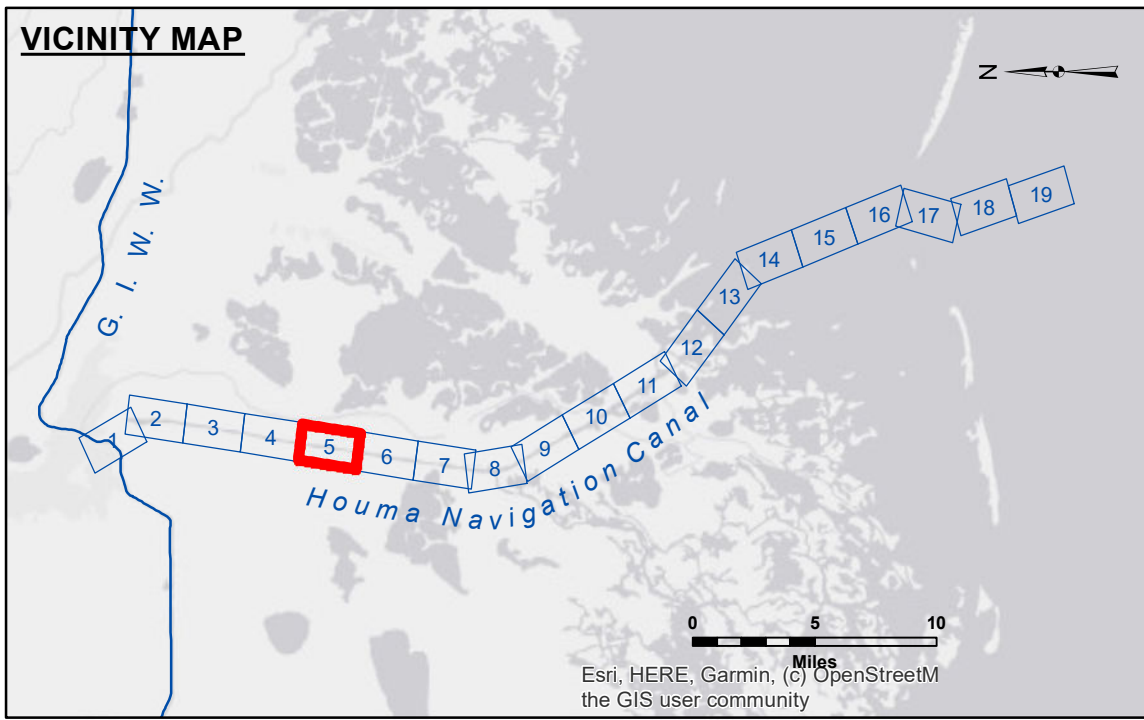


DISCLAIMER
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for any particular purpose, expressed or implied, and that the user is responsible for the results of any use of the data for other than the intended purpose.
 The information depicted on this map represents the results of a hydrographic survey conducted in accordance with the standards of the Hydrographic Survey Act of 1908, as amended, and the Hydrographic Survey Act of 1948, as amended. The information is not intended to be used for navigation purposes. The user is responsible for the results of any use of the data for other than the intended purpose.
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions, changes in the bathymetry of the waterway, and changes in the hydrographic conditions which develop after the date of the survey. The user is responsible for the results of any use of the data for other than the intended purpose.
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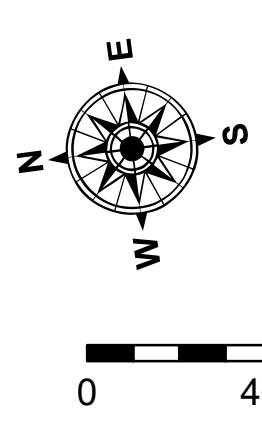
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	NOAA NRT
Recommended:	CHET SURVEY SECTION
Plotted By:	JH
Checked By:	JH

**HOUMA NAVIGATION CANAL
 LOWER CHANNEL
 HN_05_LWR_20240914_CS_POSTSTORM_3K3
 14 September 2024**

**Sheet Reference Number
 5 of 19**



LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -8' to -10'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -10' to -12'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -12' to -16'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -16' to -19'
			■ -19' and below



Gage Reading: RTK VRN - ADJUSTED TO MLLW
 Sea Conditions: CALM
 Vessel Name: NOAA NRT
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

NOTES:
 Horizontal Coordinate System:
 North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.
 Vertical Datum:
 Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for 76320 as of September 2022:
 0.0' NAVD88 (2009.55) = 0.40' MLLW = 1.40' MLG
 Distances on the Houma Nav. Canal are shown at 1 mile intervals.
 The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.
 2019 Aerial Photography data source: NAIP (1998 DOQQ Imagery in green).
 Reference is N.O.A. Navigation Chart No. 11355.
 ** Shoalest Sounding per Quarter per Reach.
 *** High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and bathymetry settings.