

Access/Obstruction Liability: The data represents the results of data collection for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy. The user is responsible for the results. The user is not responsible for the results of the data for other than its intended purpose.

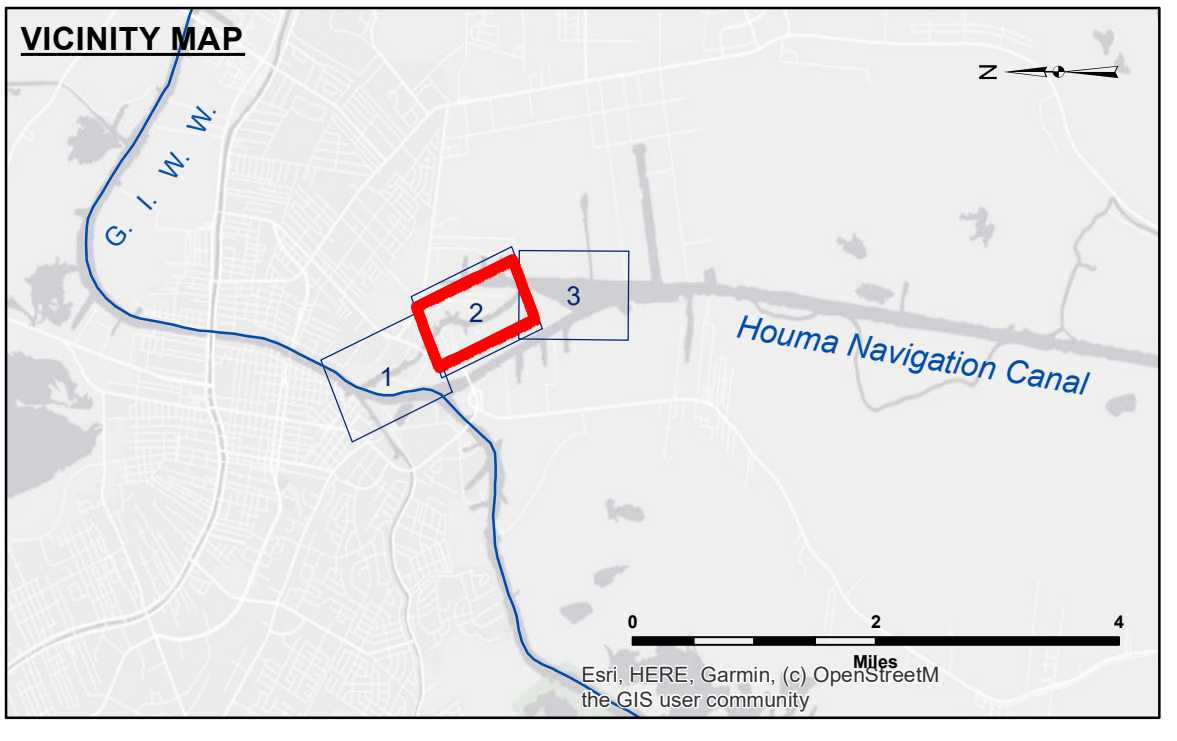
Data Collection: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographical conditions which develop after the date of the survey. The US Army Corps of Engineers accepts responsibility for changes in the hydrographical conditions which develop after the date of the survey. Product maintainers should not rely solely upon this data.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: SPPM	Plotted By: JH
Recommended:	Chart Survey Section	Checked By: JH
Approved:	Chart, Waterways Maintenance Section	

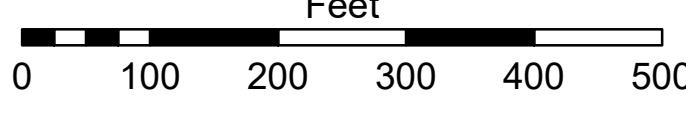
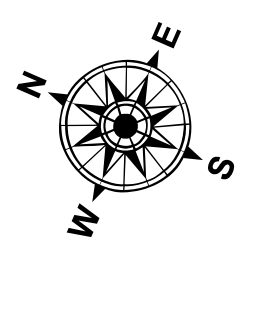
HOUMA NAVIGATION CANAL VICINITY
BAYOU LECARPE
HN_21_LEC_20230413_CS
13 April 2023

Sheet Reference Number
2 of 3

Revision Number: 4-2-2024(42)



LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Wrecks-Submerged
□ Borrow Area	★ Beacon, General
● Shoalest Sounding**	♦ Red Navigation Buoy
	◆ Green Navigation Buoy



Gage Reading: NTRIP VRS RTK: 1.25 MLLW AVG
 Sea Conditions: CHOPPY
 Vessel Name: OB-167
 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 76321 as of September 2022: 0.0' NAVD83 (OPUS) = 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.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 bathymeter settings.