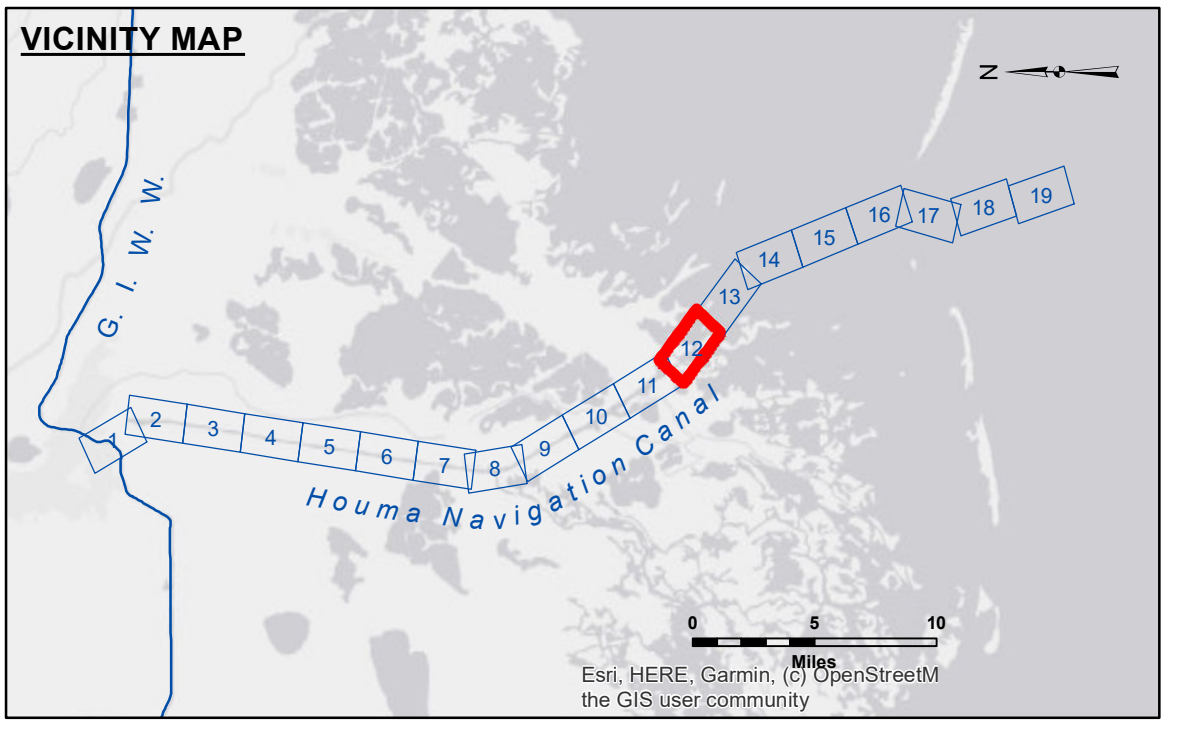


US Army Corps of Engineers
District: CEMVN

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were provided. The user is responsible for the results of any use of the data for other than the intended purpose.
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Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, channel migration, and changes in bathymetry. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey. Product maintainers should not rely solely upon it.

Surveyed By:	PM DR
Plotted By:	BD
Checked By:	ADJ/H
Submitted:	
Recommended:	Chart Survey Section
Approved:	Chart, Waterways Maintenance Section

HOUMA NAVIGATION CANAL
BAY CHANNEL
HN_12_BAY_20230531_AD
31 May 2023



LEGEND			
	Federal Navigation Channel		-8' and above
	Federal Navigation Center Line		-8' to -10'
	As-built Pipeline/Cable		-10' to -12'
	Unconfirmed Pipeline/Cable		-12' to -16'
	Project Depth Contour		-16' to -19'
	Cable Area		-19' and below
	Placement Area		Beacon, General
	Anchorage Area		Red Navigation Buoy
	Obstruction Point		Green Navigation Buoy
	Wrecks-Submerged		Shoalest Sounding**
	Fluff Thickness (feet)*		

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 76305 as of September 2022:
0.0' NAVD88 (OPUS 2019) = 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.
2022 Aerial Photography data source: Optimal GEO, Inc. (1998 DOQQ Imagery in green)
Reference is N.O.A. Navigation Chart No. 11355.
* Difference between high and low frequency elevations where greater than 1.0'.
** 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 fathometer settings.

Gage Reading: VRS RTN: 1.46 MLLW AVG.
Sea Conditions: CALM
Vessel Name: OB-167
Survey Type: CONDITION
Sounding Frequency***: LO

0 400 800 1,200 1,600 2,000 Feet

Sheet Reference Number
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Revision Number:
4-20200420