

Accession: 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 originally prepared, or implied concerning the accuracy, completeness, reliability, usability, or suitability, or any particular purpose of the recipient. The user is responsible for the results of any use of the data for other than the intended purpose.

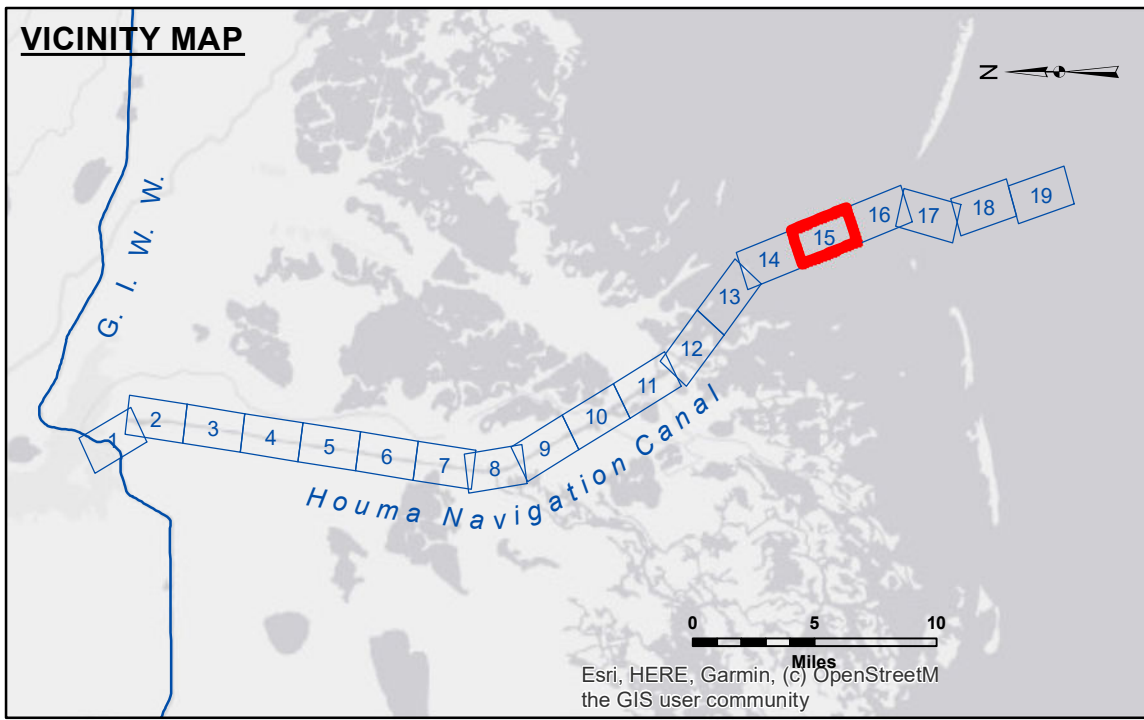
Data: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, accretion, scour, and other changes in the channel and the hydrographical conditions which develop after the date of the survey. The user is responsible for the results of any use of the data for other than the intended purpose.

Disclaimer: The information depicted on this map represents the results of a survey conducted on or about the date of the survey. It is not intended to represent the general condition existing at that time.

Submitted:	Surveyed By: PM DR
Recommended: Chart Survey Section	Plotted By: BD
Approved:	Checked By: AD/JH

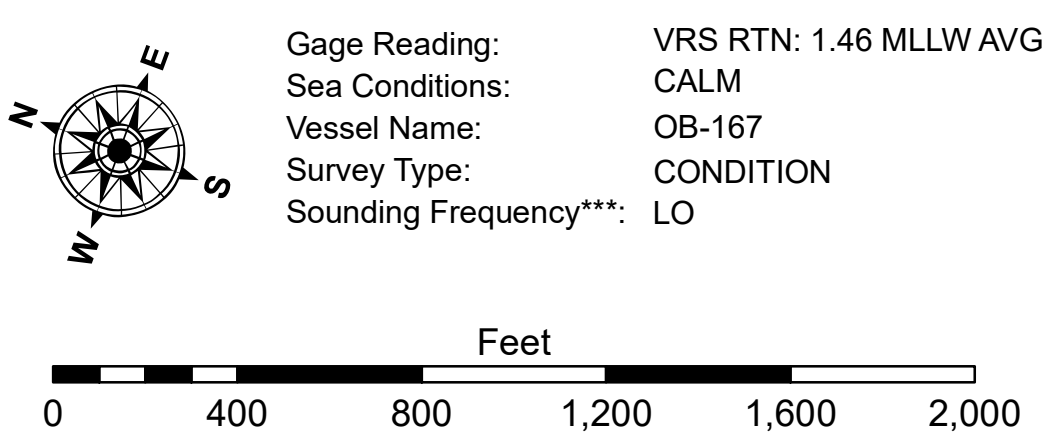
U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

**HOUMA NAVIGATION CANAL
BAY CHANNEL
HN_15_BAY_20230531_CS
31 May 2023**



LEGEND

--- Federal Navigation Channel	○ Cable Area	3 Fluff Thickness (feet)*	-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



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 88455 as of September 2022:
0.0' NAVD88 (OPUS 2019) = 0.40' MLLW (2012-2016) = 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.

**Sheet Reference Number
15 of 19**

Revision Number:
4-2-2023(0420)