

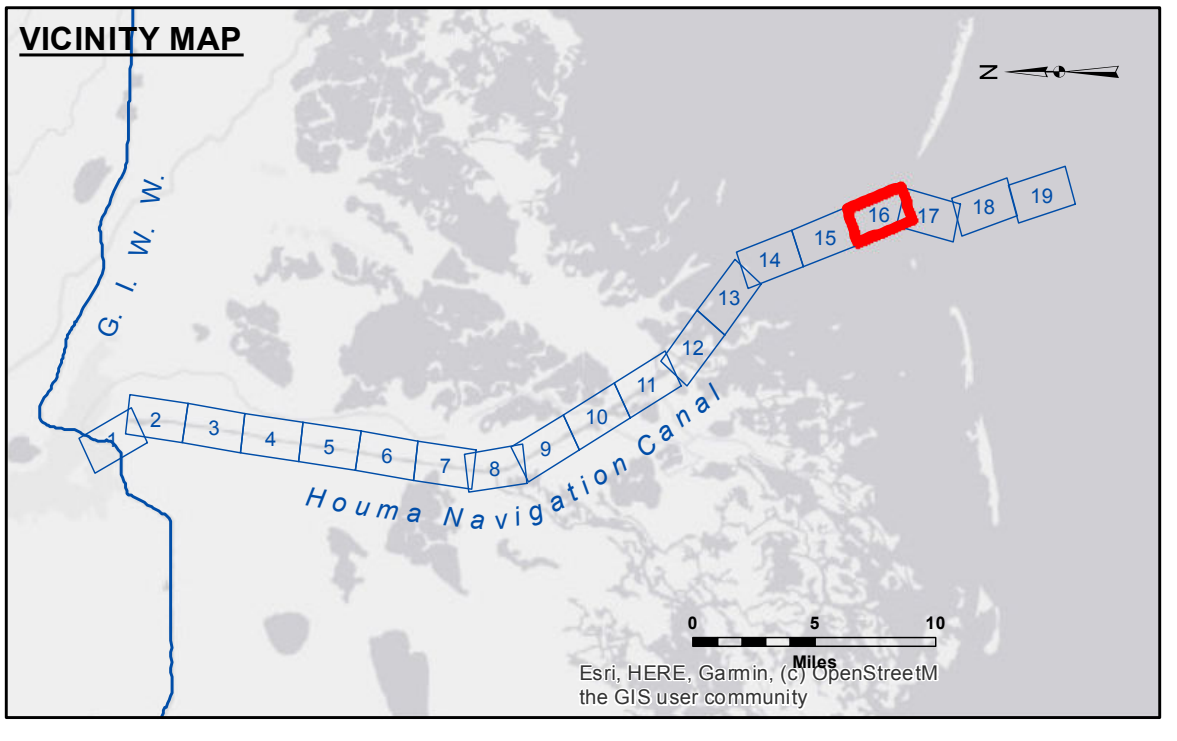
DISCLAIMER
 The data represented on this map was derived from the results of data collection and processing for a specific US Army Corps of Engineers project. The data is not intended to be used for any other purpose. The user is responsible for the accuracy, completeness, and reliability of the data for their intended use. The Corps of Engineers does not warrant the accuracy, completeness, or reliability of the data for any purpose other than that for which it was collected. The Corps of Engineers does not assume any liability for any damage or loss resulting from the use of this data. The Corps of Engineers does not assume any liability for any damage or loss resulting from the use of this data. The Corps of Engineers does not assume any liability for any damage or loss resulting from the use of this data.

Submitted:	SPPM
Reviewed By:	AO
Checked By:	AO

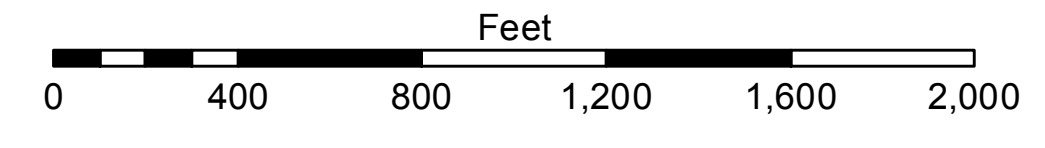
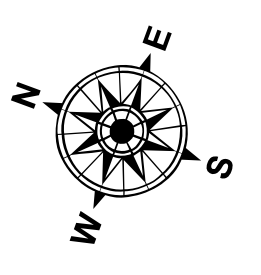
U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT
 Chief, Waterways Maintenance Section

**HOUMA NAVIGATION CANAL
 BAY CHANNEL**
 HN_16_BAY_20200613_CS_POSTSTORM
 13 June 2020

Sheet Reference Number
 16 of 19



LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	⊗ Obstruction Point
..... Unconfirmed Pipeline/Cable	✶ Wrecks-Submerged
— Project Depth Contour	★ Beacon, General
	◆ Red Navigation Buoy
	◆ Green Navigation Buoy
	3 Fluff Thickness (feet)*
	● Shoalest Sounding**
	■ -12' and above
	■ -12' to -15'
	■ -15' to -18'
	■ -18' and below



Gage Reading: RANGE B/TIMBALIER AVG 2.52 MLG
 Sea Conditions: CHOPPY
 Vessel Name: OB-167
 Survey Type: CONDITION
 Sounding Frequency***: LOW

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 Low Gulf Datum (MLG). Datum Relationships for 76305 as of August 2014: 0.0' NAVD88 (OPUS 2010) = 0.42' MLLW (2007-2011) = 1.34' 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.
 2015 Aerial Photography data source: NAIP
 Reference is N.O.A.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.