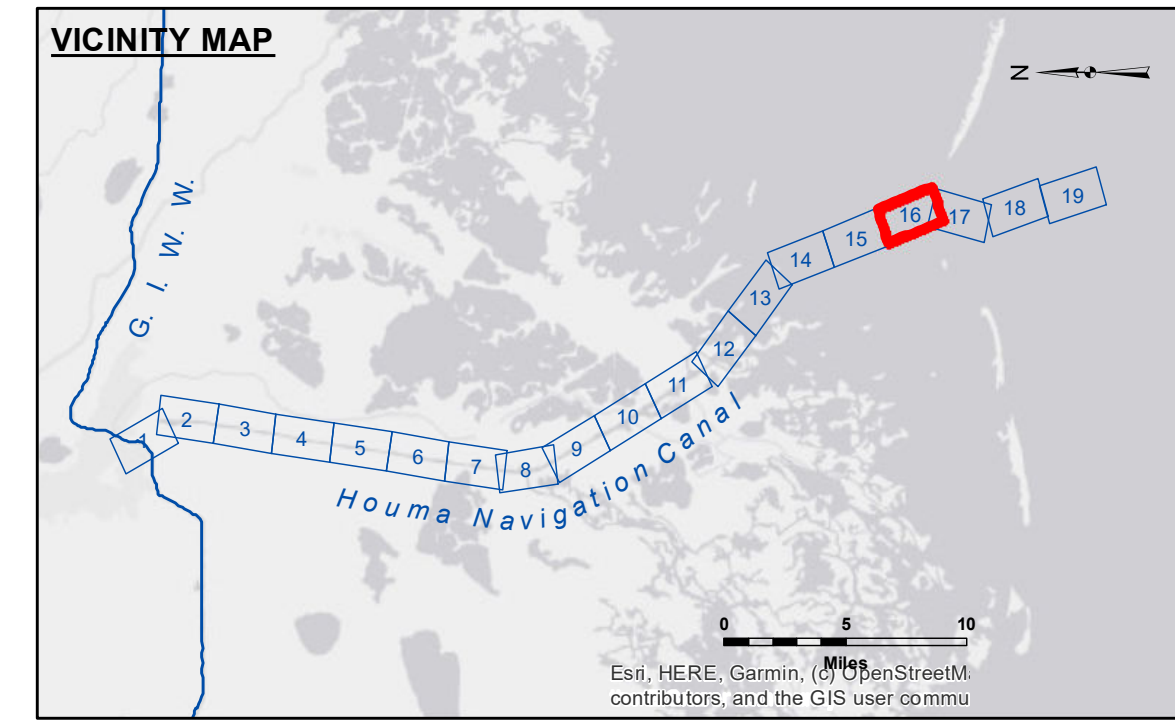


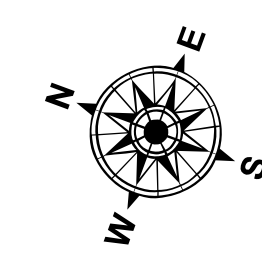
P.C. 6 1890+09.85
 X= 3,522,320.13
 Y= 221,166.34

CURVE 3 DATA
 Δ = 42°18'08.1996"
 D = 01°09'45.3966"
 T = 1906.6903'
 R = 4928.2024'
 L = 3638.5610'

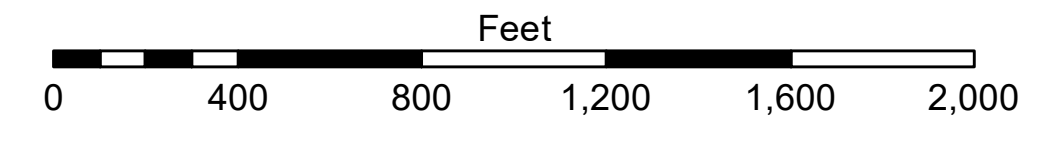
SPD MI. 2.5
 X=3,517,470
 Y=227,124



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



Gage Reading: FRONT RANGE B: 1.07 MLLW AVG
 Sea Conditions: CALM
 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 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.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted By:	ADAM/S/CHAMPINE	Plotted By:	JH
Recommended:		Checked By:	JH
Chart Survey Section		Chief, Waterways Maintenance Section	

**HOUMA NAVIGATION CANAL
 BAY CHANNEL
 HN_16_BAY_20231222_CS
 22 December 2023**

**Sheet
 Reference
 Number
 16 of 19**



DISCLAIMER:
 The data represented on this map represents the results of a
 collection of data for a specific US Army Corps of Engineers
 project. The data is not intended for use in any other
 application. The user is responsible for the results
 of any use of this data. The user is responsible for the
 accuracy of the data for other than the intended
 purpose.
 Data Collection: Hydrographic survey data is subject to change
 rapidly due to several factors including but not limited to dredging
 operations, changes in channel conditions, and changes in
 the hydrographical conditions which develop after the date of
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