

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'

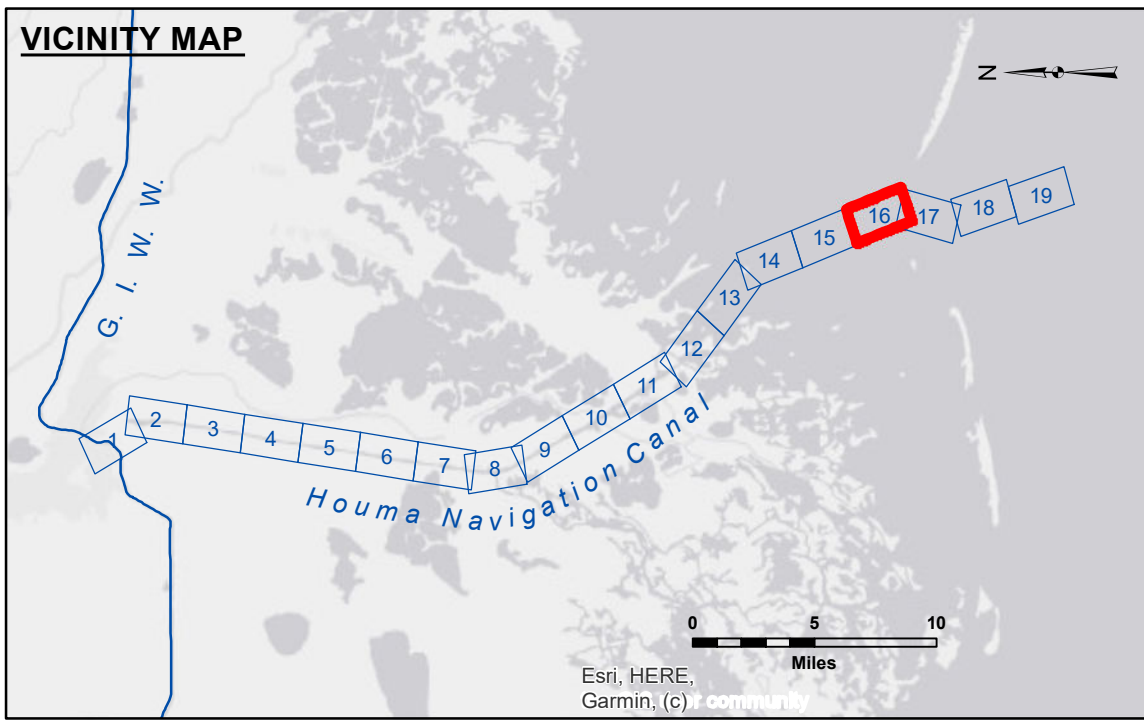
SPD MI. 2.5  
 X=3,517,470  
 Y=227,124



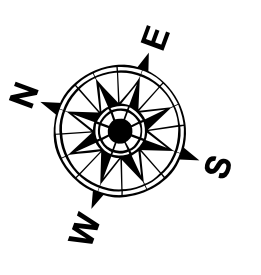
**DISCLAIMER:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results. The user shall not be held liable for any damages or losses resulting from the use of the data for other than its intended purpose. Data Constancy: Hydrographic data is subject to change rapidly due to several factors including but not limited to dredging, shifting sandbars, and other natural processes. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey. The user shall be responsible for verifying the accuracy of the data for their intended use. The user shall not be held liable for any damages or losses resulting from the use of the data for other than its intended purpose.

Surveyed By:	RYLAND/CHAMPINE
Plotted By:	JH
Checked By:	JH
Submitted:	
Recommended:	Chief Survey Section
Approved:	Chief Waterways Maintenance Section

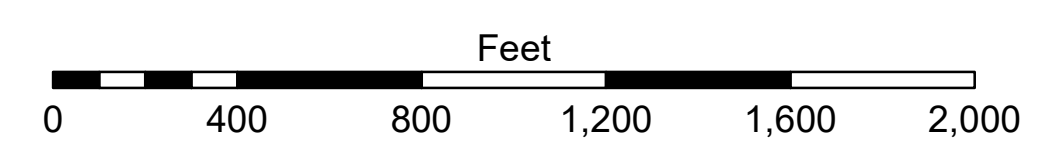
HOUMA NAVIGATION CANAL  
 BAY CHANNEL  
 HN\_16\_BAY\_20240711\_CS  
 11 July 2024



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
3 Fluff Thickness (feet)*	★ Beacon, General
● Shoalest Sounding**	♦ Red Navigation Buoy
★ Beacon, General	◇ Green Navigation Buoy
■ -8' and above	
■ -8' to -10'	
■ -10' to -12'	
■ -12' to -16'	
■ -16' to -19'	
■ -19' and below	



Gage Reading: FRONT RANGE B: 0.82 MLLW  
 Sea Conditions: 0-2 FT.  
 Vessel Name: LAFOURCHE  
 Survey Type: CS  
 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.

Sheet Reference Number  
 16 of 19  
 Revision Number:  
 4.2-20240420