



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -12' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	

**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. Feet.

Vertical Datum:  
Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG).

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2017 Aerial Photography data source: NAIP, 1998 DOQQ Imagery shown in green from USGS.

Reference is N.O.A. Navigation Chart No. 11350.

\*\* 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: NTRIP RTK VRS: 3.39 MLG AVG.  
Sea Conditions: CALM  
Vessel Name: OB169  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW

Scale: 0 to 1,000 Feet



**DISCLAIMER:** The United States Government (USG) makes these data and the recipient accepts and uses them with the express understanding that the USG does not warrant, represent, or guarantee the accuracy, completeness, or reliability of the data. The user is responsible for the results of any use of the data. The USG is not liable for any damages, including but not limited to, direct, indirect, or consequential damages, arising from the use of the data. The USG is not responsible for any errors or omissions in the data. The USG is not responsible for any changes in the data. The USG is not responsible for any use of the data for purposes other than those intended by the USG. The USG is not responsible for any use of the data for purposes other than those intended by the USG. The USG is not responsible for any use of the data for purposes other than those intended by the USG.

Submitted:	Surveyed By: SP-JS
Recommended: Chief, Survey Section	Plotted By: BD
Approved: Chief, Waterways Maintenance Section	Checked By: ALO/H

**GULF INTRACOASTAL WATERWAY**  
**PETIT ANSE TO VERMILION**  
**GW\_07\_P2V\_20230524\_CS**  
**24 May 2023**

**Sheet Reference Number**  
**107 of 191**