



**LEGEND**

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

Gage Reading: VRS: 3.34 MLG  
 Sea Conditions: CALM  
 Vessel Name: OB 167  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: LOW

North Arrow  
 Scale: 0 to 1,000 Feet

**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).  
 Mile markers on the G.I.W.W. are shown in one mile intervals.  
 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.A. Navigation Chart No. 11355.  
 \*\* 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.



**DISTRICT OFFICE**  
 US Army Corps of Engineers  
 District: CEMVN

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 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing bathymetry, sedimentation, and other factors. The user is responsible for the hydrographic conditions when developing after the date of the survey. Prohibit mariners should not rely solely upon this data.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted: \_\_\_\_\_  
 Room/Desk: Chet, Survey Section  
 Approved: \_\_\_\_\_  
 Chet, Waterways Maintenance Section

Surveyed By: RYLAND/SOUKI  
 Plotted By: BD  
 Checked By: AOC

**GULF INTRACOASTAL WATERWAY**  
**LAFOURCHE TO HOUMA NAV**  
**GI\_32\_L2H\_20200304\_CS**  
**04 March 2020**

**Sheet Reference Number**  
**32 of 191**