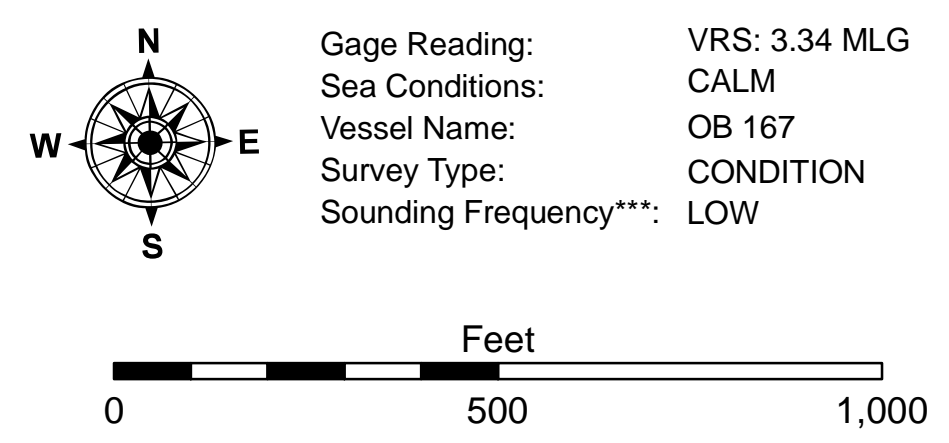


**LEGEND**

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



Gage Reading: VRS: 3.34 MLG  
 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 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.



**Distribution Liability:** 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's application of the data for other than its intended purpose. Data Constants Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions when develop after the date of the survey. The Army Corps of Engineers accepts no responsibility for changes in the hydrographic conditions when develop after the date of the survey. Internal use. Product maintainers should not rely solely upon it.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RYLAND/SOUKI
Recommended: Chief, Survey Section	Plotted By: BD
Approved: Chief, Waterways Maintenance Section	Checked By: AC

**GULF INTRACOASTAL WATERWAY**  
**LAFOURCHE TO HOUMA NAV**  
**GI\_33\_L2H\_20200304\_CS**  
**04 March 2020**

**Sheet Reference Number**  
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