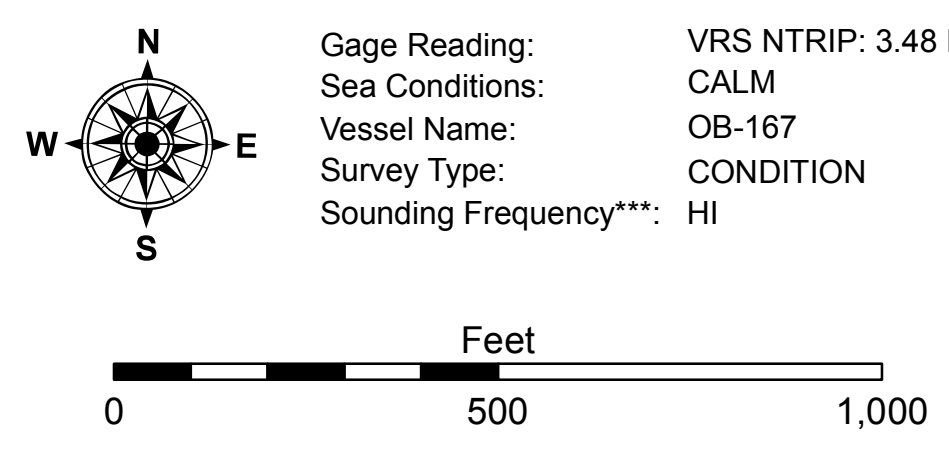


**LEGEND**

--- 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. 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 on 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.



**DISCLAIMER:**  
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The user is responsible for the results of the 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 dredging operations, sedimentation, and other changes in the hydrographic conditions which develop after the date of the survey. The Corps of Engineers accepts no responsibility for changes in the hydrographic conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted under the general condition existing at that time. The recipient may not transfer these data to others without also transferring this disclaimer.

Submitted:	Surveyed By: PM, SR
Recommended: Chief, Survey Section	Plotted By: JH
Approved: Chief, Waterways Maintenance Section	Checked By: JH

**GULF INTRACOASTAL WATERWAY**  
**HOUMA NAV TO CHENE**  
**GI\_48\_H2C\_20220420\_CS**  
 20 April 2022

**Sheet Reference Number**  
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