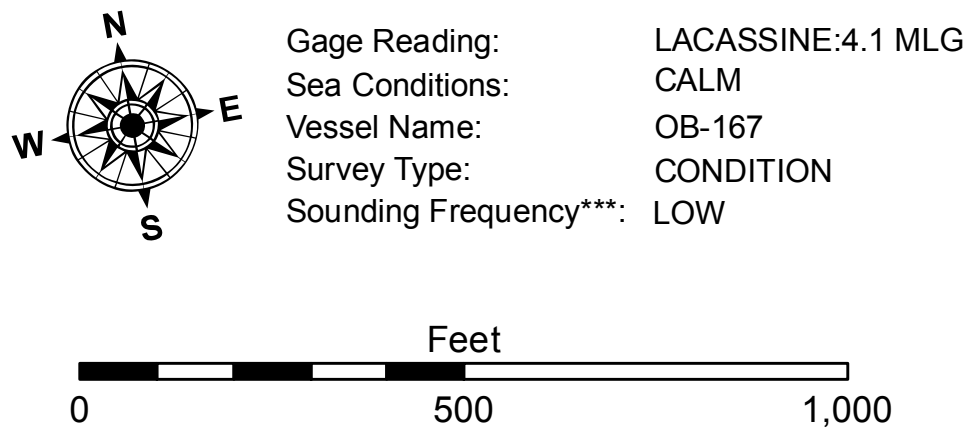


LEGEND	
--- Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	⚓ Wrecks-Submerged
□ Borrow Area	★ Beacon, General
● Shoalest Sounding**	♦ Red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



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.
 2010 Aerial Photography data source: NAIP, 1998 DOQQ imagery shown in green from USGS.
 Reference is N.O.A.A. Navigation Chart No. 11348.
 ** 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, either expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The recipient understands that the Government makes no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient agrees to indemnify and hold the Government harmless from all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be incurred by the Government or any other person as a result of the use of these data by the recipient or any other person. The recipient agrees to release the United States Government from all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be incurred by the recipient or any other person as a result of the use of these data by the recipient or any other person. The recipient agrees to release the United States Government from all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be incurred by the recipient or any other person as a result of the use of these data by the recipient or any other person.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: SPDR
Recommended: Chief, Survey Section	Plotted By: AIO
Approved: Chief, Waterways Maintenance Section	Checked By: RWM

**GULF INTRACOASTAL WATERWAY
 FRESHWATER TO MERMENEAU
 GW_41_F2M_20140605
 05 June 2014**

**Sheet
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