



**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 based 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.

Gage Reading: CALC LOCK EAST: 1.88 MLG  
Sea Conditions: CALM  
Vessel Name: OB-167  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW

Scale: 0 to 1,000 Feet



**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, express or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information furnished. The user is responsible for the results obtained from the use of this information. The application of the data for other than its intended purpose is at the user's risk. The user shall indemnify and hold the United States Government harmless from any and all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of this information for purposes other than those for which it was provided. The information depicted on this map represents the results of a survey conducted on or about the date indicated. The user is advised that the information is not intended to represent the general condition existing at that time.

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

**GULF INTRACOASTAL WATERWAY**  
**MERMENTAU TO CALCASIEU**  
**GW\_65\_M2C\_20140529**  
**29 May 2014**

**Sheet Reference Number**  
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