



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	

Gage Reading: LACASSINE:4.08 MLG
 Sea Conditions: CALM
 Vessel Name: OB-167
 Survey Type: CONDITION
 Sounding Frequency***: LOW

Horizontal Datum: 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.

NOTES:

Horizontal Datum: 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.



DISCLAIMER:

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the accuracy, completeness, reliability, usability or suitability of the data for other than its intended purpose. The application of the data for other than its intended purpose may result in injury, death or property damage. The user agrees to hold the United States Government harmless for any and all claims, damages, losses, costs, expenses, or liabilities, including reasonable attorneys' fees, arising out of or in connection with the use of the data for any purpose other than that for which the data were originally intended. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers and is not to be used for any purpose other than that for which it was intended. The user agrees to hold the United States Government harmless for any and all claims, damages, losses, costs, expenses, or liabilities, including reasonable attorneys' fees, arising out of or in connection with the use of the data for any purpose other than that for which the data were originally intended.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SPDR
Recommended: Chief, Survey Section	Plotted By: ALO
Approved: Chief, Waterways Maintenance Section	Checked By: FWM

**GULF INTRACOASTAL WATERWAY
FRESHWATER TO MERMONTAU
GW_32_F2M_20140605
05 June 2014**

**Sheet Reference Number
132 of 191**