



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area
— Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**
— As-built Pipeline/Cable	⊠ Anchorage Area	☆ Beacon, General
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy
		■ -15' and above
		□ -15' and below

Gage Reading: CATFISH: 2.8 MLG
 Sea Conditions: CALM
 Vessel Name: OB-167
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

Feet
 0 500 1,000

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). The location of navigation aids are base on and provided by the U.S. Coast Guard.

Reference is N.O.A. Navigation Chart No. 11344 and 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 information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers project. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the results of any application of the data for other than its intended purpose. Application of the data for other than its intended purpose may result in injury or death. The U.S. Army Corps of Engineers does not accept any responsibility for changes in the hydrographical conditions which develop after the date of the survey. The user is responsible for the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: SP,PM
Recommended: Chief Survey Section	Plotted By: BTD
Approved:	Checked By: TAF

**MERMENTAU RIVER
GRAND LAKE**

MM_18_GLK_20141009

09 October 2014

**Sheet
Reference
Number**

18 of 25