



LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- ⊗ Obstruction Point
- ✈ Wrecks-Submerged
- Borrow Area
- Shoalest Sounding**
- ★ Beacon, General
- ◆ Red Navigation Buoy
- ◆ 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 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: LACASSINE: 2.8 MLG AVG
Sea Conditions: CALM
Vessel Name: OB-167
Survey Type: CONDITION
Sounding Frequency***: LOW

Feet
0 500 1,000



Accession: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results obtained from the use of the data. The application of the data for other than its intended purpose is not warranted. The user is responsible for the results obtained from the use of the data. The application of the data for other than its intended purpose is not warranted.

Disclaimer: The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was originally prepared. The user is responsible for the results obtained from the use of the data. The application of the data for other than its intended purpose is not warranted.

Submitted:	Surveyed By: SPPM
Recommended: Chief Survey Section	Plotted By: AIO
Approved: Chief Waterways Maintenance Section	Checked By: RWM

GULF INTRACOASTAL WATERWAY
MERMENAU TO CALCASIEU
GW_46_M2C_20140522
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