



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). Datum Relationships for Lower Atchafalaya River at Morgan City (03780) as of 2017: 0.0' NAVD83 (2009.55) = 1.89' MLG

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

2015 Aerial Photography data source: NAIP, 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.A. Navigation Chart No. 11355.

** 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: BBL: 3.53 MLG AVG.
Sea Conditions: CALM
Vessel Name: OB-189
Survey Type: CS
Sounding Frequency***: HI

0 500 1,000 Feet



Access/Availability: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are for informational purposes only. The data is not to be used for any purpose other than that for which it was collected. The user is responsible for the accuracy, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the accuracy, reliability, usability or suitability of the information. The user is responsible for the accuracy, reliability, usability or suitability of the information. The user is responsible for the accuracy, reliability, usability or suitability of the information.

Disclaimer: The information depicted on this map represents the results of a survey conducted on the ground. The information is not to be used for any purpose other than that for which it was collected. The user is responsible for the accuracy, reliability, usability or suitability of the information. The user is responsible for the accuracy, reliability, usability or suitability of the information. The user is responsible for the accuracy, reliability, usability or suitability of the information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: PM/JUA	Checked By: AC
Recommended:	Plotted By: BD	
Approved:	Chief Survey Section	Chief Waterways Maintenance Section

**GULF INTRACOASTAL WATERWAY
20 GRAND POINT
GL_67_BBW_20211020_CS
20 October 2021**

**Sheet
Reference
Number
67 of 191**