



LEGEND

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|----------------------------------|---------------------|-------------------------|
| --- 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 |

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.

2017 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.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.

Gage Reading: VRS RTK NTRIP: 4.96 MLG AVG.
Sea Conditions: CHOPPY
Vessel Name: OB-169
Survey Type: CONDITION
Sounding Frequency***: LOW

0 500 1,000 Feet



DISCLAIMER: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, context, time and accuracy specifications. The user is responsible for the results and the application of the data for other than its intended purpose.

Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographical conditions which develop after the date of the survey. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey. Prudent mariners should not rely solely upon this information.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

| | |
|---|----------------------|
| Submitted: | Surveyed By: SPPS |
| Recommended: Chief, Survey Section | Plotted By: BD |
| Approved: Chief, Waterways Maintenance Section | Checked By: AC |

**MERMENTAU RIVER
LOWER RIVER
MM_12_LWR_20220420_CS
20 April 2022**

**Sheet
Reference
Number
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Revision Number:
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