



**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

**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. 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: MC: 3.26 MLG AVG  
Sea Conditions: CALM  
Vessel Name: MV OB 167  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: HIGH

0 500 1,000 Feet



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

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: RYLAND/MOLLERE	Plotted By: AO
Recommended:	Chief Survey Section	Checked By: AO
Approved:	Chief Waterways Maintenance Section	

**GULF INTRACOASTAL WATERWAY**  
MILE 99 POINT  
GI\_69\_M99\_20220818\_CS  
18 August 2022

**Sheet Reference Number**  
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