



**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 |                  |

Gage Reading: AMELIA VRS: 3.8 MLG AVG  
 Sea Conditions: CALM  
 Vessel Name: MV OB 189  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: LOW

**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 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. 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.



**Distribution Liability:** 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, content, time and accuracy specifications. The user is responsible for the results. The user's application of the data for other than its intended purpose, 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 hydrological conditions when develop after the date of the survey. The user is responsible for the results of the data. The user is responsible for the results of the data. The user is responsible for the results of the data.

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| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |                                |
| Submitted:   | Surveyed By:<br>RYLAND/HOSHMAN |
| Recommended:<br>Chief, Survey Section                | Plotted By:<br>AO              |
| Approved:<br>Chief, Waterways Maintenance Section    | Checked By:<br>AO              |

**GULF INTRACOASTAL WATERWAY**  
**HOUMA NAV TO CHENE**  
**GI\_58\_H2C\_20200416\_CS**  
**16 April 2020**

**Sheet Reference Number**  
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