



LEGEND

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|----------------------------------|---------------------|-------------------------|------------------|
| --- 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: MORGAN CITY: 7.9 MLG
 Sea Conditions: CALM
 Vessel Name: OB-189
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

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' NAVD88 (2009.55) = 1.89' MLG

The location of navigation aids are base 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. 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 must verify the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions when developing the data of the project. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographic conditions when developing the data of the project. The information depicted on this map represents the results of a general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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|--------------|------------------------------|
| Submitted: | Surveyed By: RYLAND/ADAMS |
| Recommended: | Plotted By: BD |
| Approved: | Checked By: JAC |

**GULF INTRACOASTAL WATERWAY
MORGAN CITY DOCKS EAST
GL_66_BBW_20180321_CS**

21 March 2018

**Sheet Reference Number
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