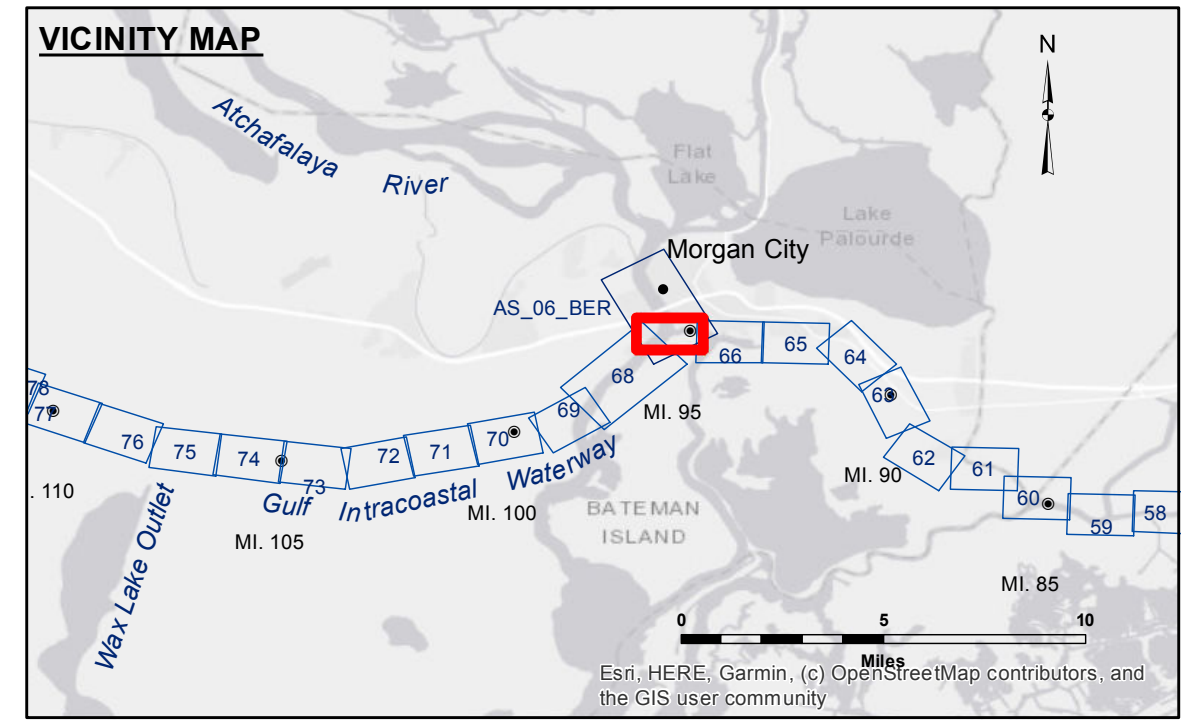


Accession: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results of any application of the data for other than its intended purpose.

Disclaimer: The data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results of any application of the data for other than its intended purpose.

Liability: The data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results of any application of the data for other than its intended purpose.

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



| LEGEND | |
|----------------------------------|-------------------------|
| --- Federal Navigation Channel | ○ Cable Area |
| — Federal Navigation Center Line | □ Placement Area |
| — As-built Pipeline/Cable | □ Anchorage Area |
| Unconfirmed Pipeline/Cable | ⊗ Obstruction Point |
| — Project Depth Contour | ⚓ Wrecks-Submerged |
| □ Borrow Area | ★ Beacon, General |
| ● Shoalest Sounding** | ♦ Red Navigation Buoy |
| ☆ Beacon, General | ◆ Green Navigation Buoy |
| ■ -12' and above | |
| □ -12' and below | |

Gage Reading: MORGAN CITY: 5.3 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' 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.

GULF INTRACOASTAL WATERWAY
20 GRAND POINT
GL_67_BBW_20210622_CS
22 June 2021

Sheet Reference Number
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