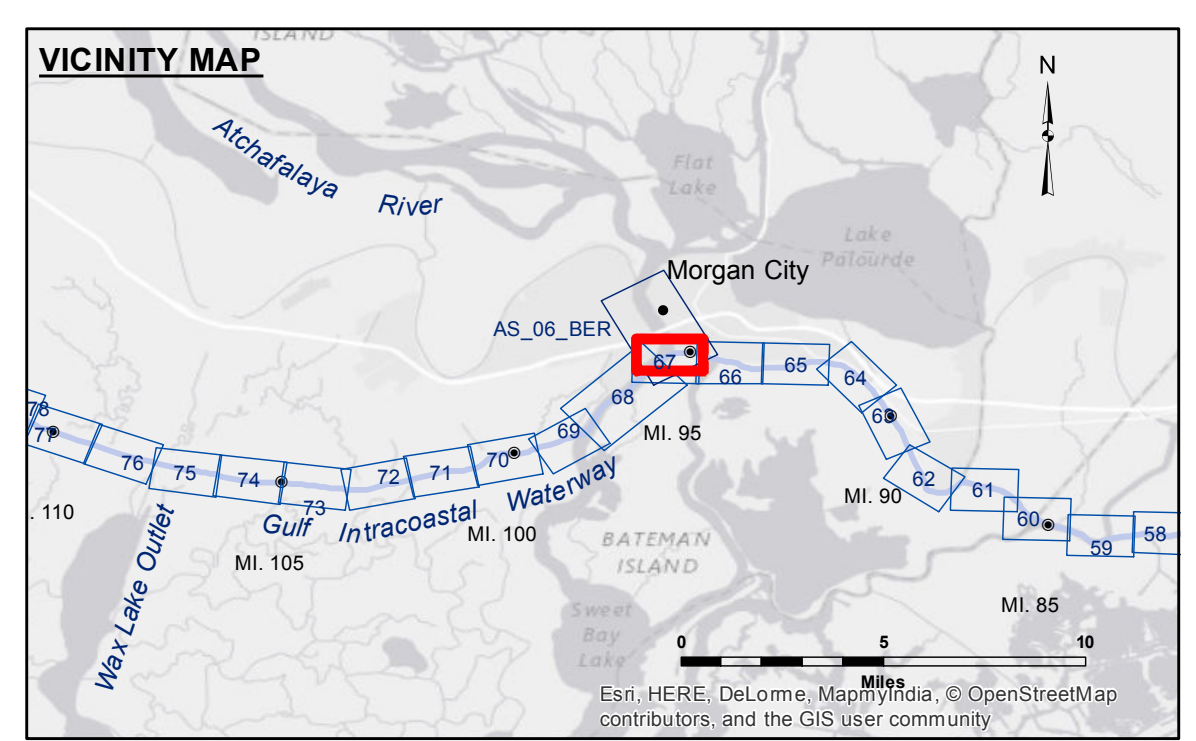


**Accession:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are for informational purposes only and are not to be used for any other purpose. The user is responsible for the results of their use. The application of the data for other than its intended purpose is at the user's risk. The Corps of Engineers does not warrant the accuracy, completeness, or reliability of the data for any purpose other than that for which it was collected. The Corps of Engineers does not assume any liability for errors or omissions in the data. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The Corps of Engineers does not assume any liability for errors or omissions in the data. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The Corps of Engineers does not assume any liability for errors or omissions in the data.

Submitted:	DR, JH
Recommended:	BITD
Approved:	RM

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT



**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	

**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). Datum Relationships for Lower Atchafalaya River at Morgan City (03780) as of May 2014: 0.0' NAVD83 (2009.55) = 2.05' MLG.

The location of navigation aids are based 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.

Gage Reading: MORGAN CITY 5.90 MLG  
Sea Conditions: CALM  
Vessel Name: VESSEL\_NAME  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: HIGH

Scale: 0 to 1,000 Feet

**GULF INTRACOASTAL WATERWAY**  
**20 GRAND POINT**  
**GI\_67\_BBW\_20160519**  
**19 May 2016**

**Sheet Reference Number**  
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Revision Number:  
3.8-20150202