

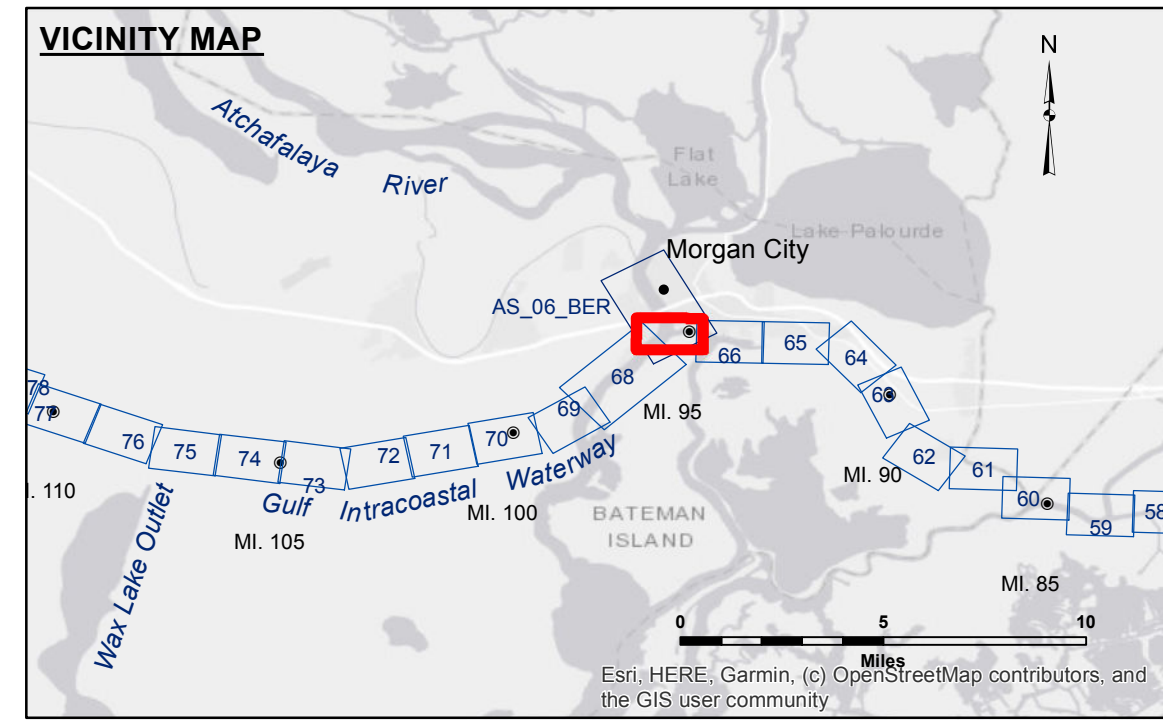
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Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrological conditions when developing after the date of the survey. The user is responsible for the results of the data. The Army Corps of Engineers accepts no responsibility for changes in the hydrological conditions when developing after the date of the survey. Product maintainers should not rely solely upon it.

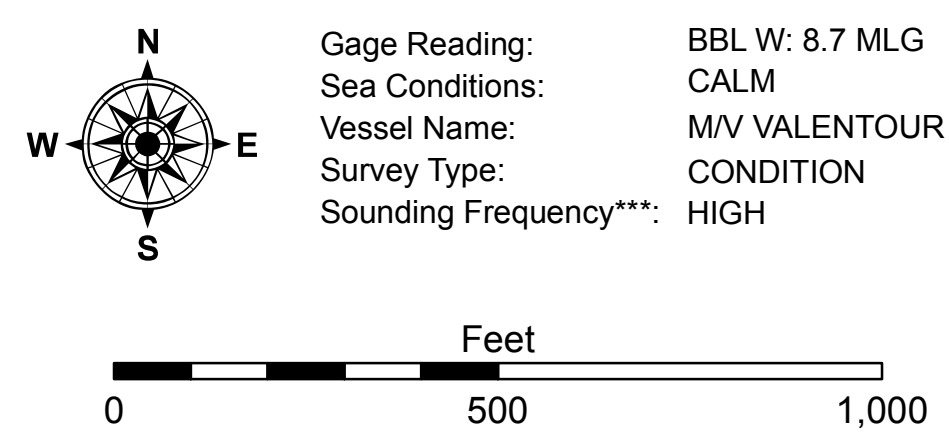
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were collected, and that the data are not to be used for any purpose other than that for which they were collected, and that the data are not to be used for any purpose other than that for which they were collected.

Information depicted on this map represents the results of a survey conducted on the ground. The information is not to be used for any purpose other than that for which it was collected.

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



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
		■ -12' and above
		□ -12' and below



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 2017:
 0.0' NAVD88 (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_20200421_CS
21 April 2020

Sheet Reference Number
67 of 191

Revision Number:
 4-15-2019/012