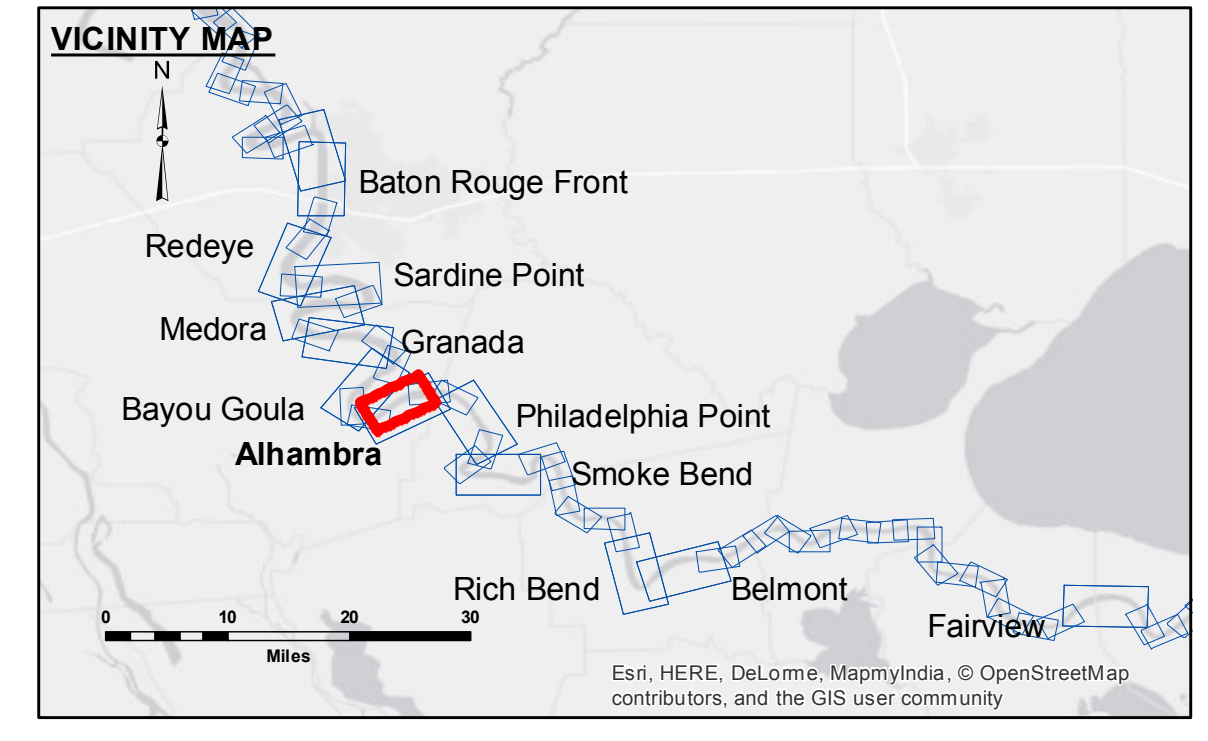


**ACCESS NOTES**  
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**DIST. STATEMENTS**  
 The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. It is not intended to represent the general condition existing at this time. The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. It is not intended to represent the general condition existing at this time.

Submitted:	Recommended:	Approved:
	Chief Survey Section	Chief Waterways Maintenance Section
Surveyed By:	Plotted By:	Checked By:
DS/SR	BD	AO

MISSISSIPPI RIVER - B. R. TO GULF  
 ALHAMBRA RECON  
 MR\_16\_ALH\_20170411\_CS  
 11 April 2017



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
		0' and above
		0' to -5'
		-5' to -10'
		-10' to -20'
		-20' to -30'
		-30' to -35'
		-35' to -40'
		-40' to -45'
		-45' and below

LWRP: 1.7  
 Gage Reading: BR:26.4 D:17.4 USED:19.9 NGVD  
 Sea Conditions: CALM  
 Vessel Name: MV TECHE  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH

Feet  
 0 500 1,000 1,500 2,000 2,500

**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 Low Water Reference Plane 2007 (NGVD).  
 Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.  
 The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE crew.  
 2010 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.  
 Reference is N.O.A. Navigation Chart No. 11370.  
 \*\* 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.