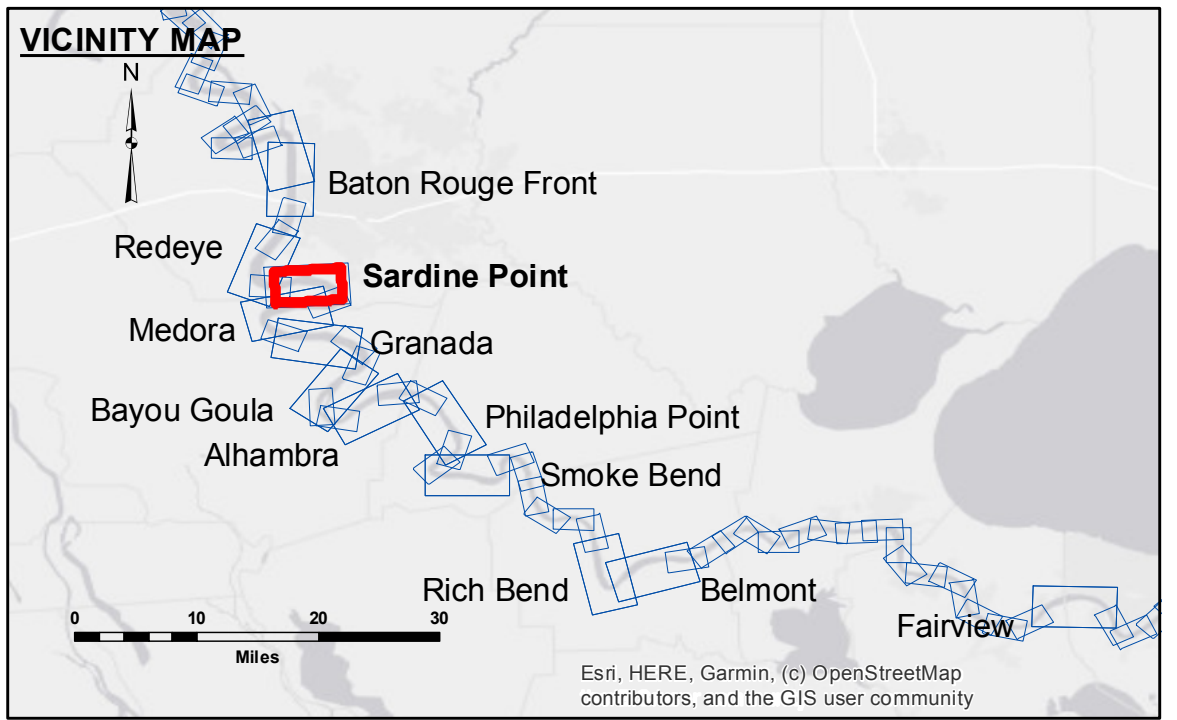


**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not intended for any purpose other than that for which they were collected. The user is responsible for the results of any use of the data for other than the intended purpose. Data collected by the Corps of Engineers are subject to change without notice. The Corps of Engineers does not warrant the accuracy of the data for any purpose other than that for which they were collected. The Corps of Engineers is not responsible for any damage or injury resulting from the use of the data. The Corps of Engineers is not responsible for any damage or injury resulting from the use of the data.

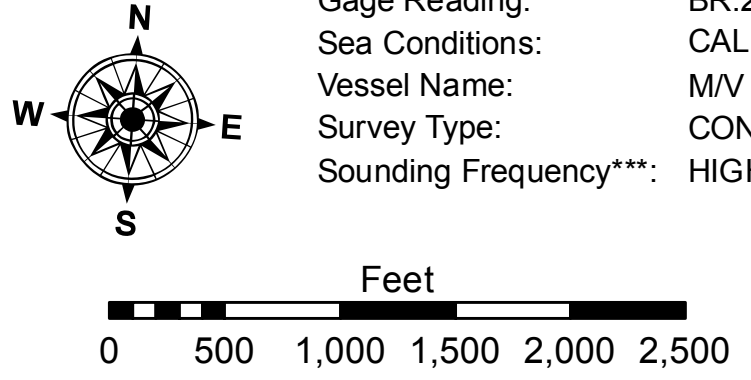
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: RYLAND/ADAMS
Recommended:	Plotted By: AC
Approved:	Checked By: AC

**MISSISSIPPI RIVER - B.R. TO GULF  
SARDINE POINT CROSSING  
MD\_06\_SDPX\_20210716\_AD  
16 July 2021**



LEGEND			
— Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ 0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -5' to -10'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -10' to -20'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -20' to -30'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -30' to -35'
			■ -35' to -40'
			■ -40' to -45'
			■ -45' and below

LWRP: 2.3  
 Gage Reading: BR:25.7D:16.6 USED:24.2 NAVD  
 Sea Conditions: CALM  
 Vessel Name: M/V OB167  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH



**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 (NAVD).  
 Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.  
 The location of navigation aids are based 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.

**Sheet Reference Number  
6 of 97**