

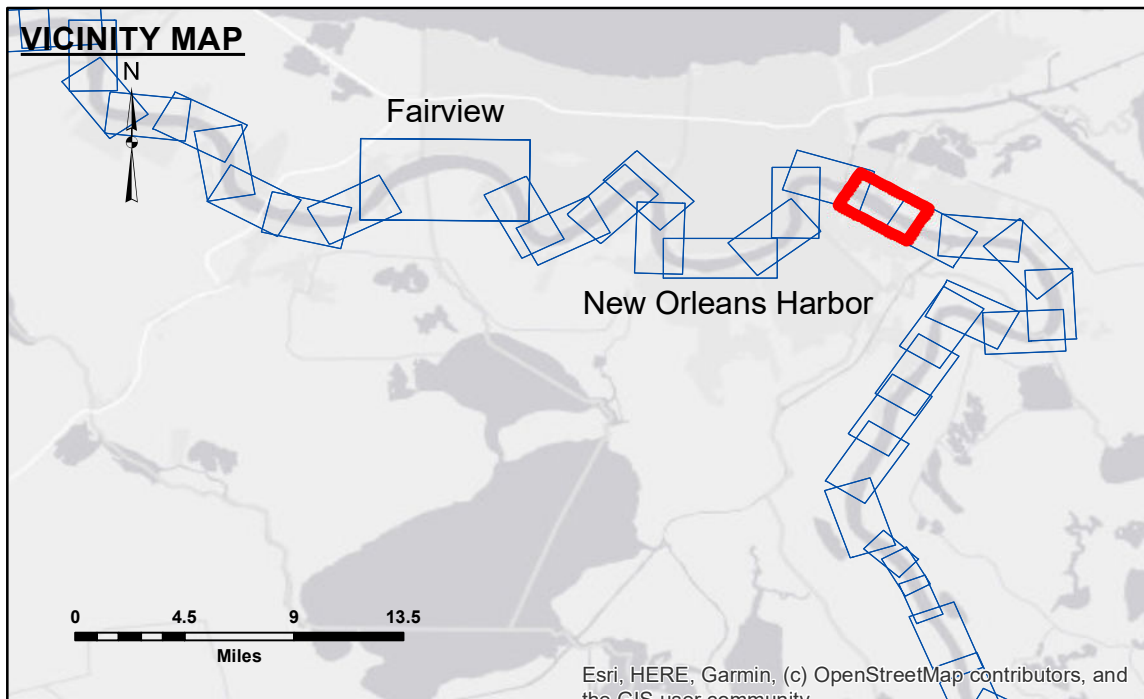
Access/Availability: The data represents the results of data collection for a specific US Army Corps of Engineers project. It is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to changing hydrographic conditions when developed after the date of the survey. The user is responsible for the results of the data. The user is responsible for the results of the data. The user is responsible for the results of the data.

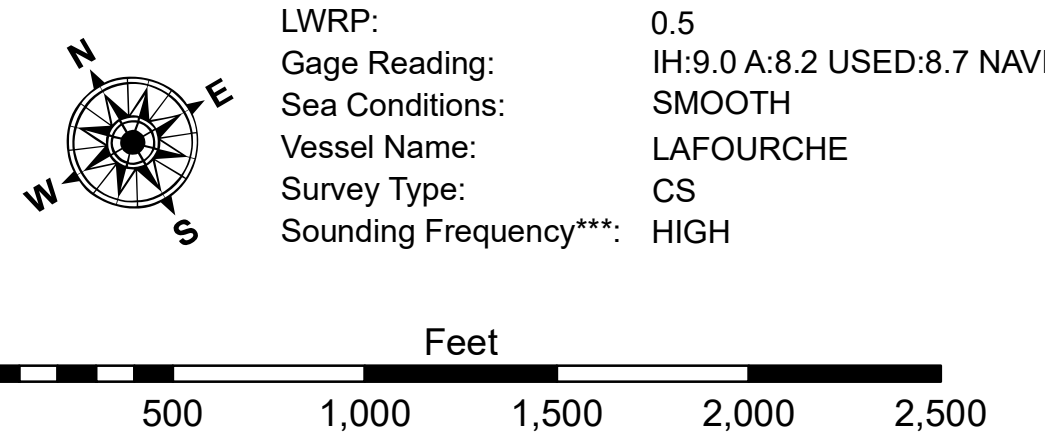
Submitted:	Surveyed By:	Plotted By:	Checked By:
	DJS/SPS	AO	AC
Recommended:	Chief, Survey Section		
Approved:	Chief, Waterways Maintenance Section		

**MISSISSIPPI RIVER - B.R. TO GULF
THIRD DISTRICT REACH - SHEET 2
MD_58_TDX_20210510_CS
10 May 2021**

**Sheet Reference Number
58 of 97**



LEGEND		0' and above	
--- Federal Navigation Channel	○ Cable Area	0' to -5'	0.5
— Federal Navigation Center Line	□ Placement Area	-5' to -10'	IH:9.0 A:8.2 USED:8.7 NAVD
— As-built Pipeline/Cable	□ Anchorage Area	-10' to -20'	SMOOTH
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	-20' to -30'	LAFOURCHE
— Project Depth Contour	★ Beacon, General	-30' to -35'	CS
	◆ Red Navigation Buoy	-35' to -40'	HIGH
	◆ Green Navigation Buoy	-40' to -45'	
	◆ Shoaling Area	-45' and below	
	◆ Shoalest Sounding**		



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.