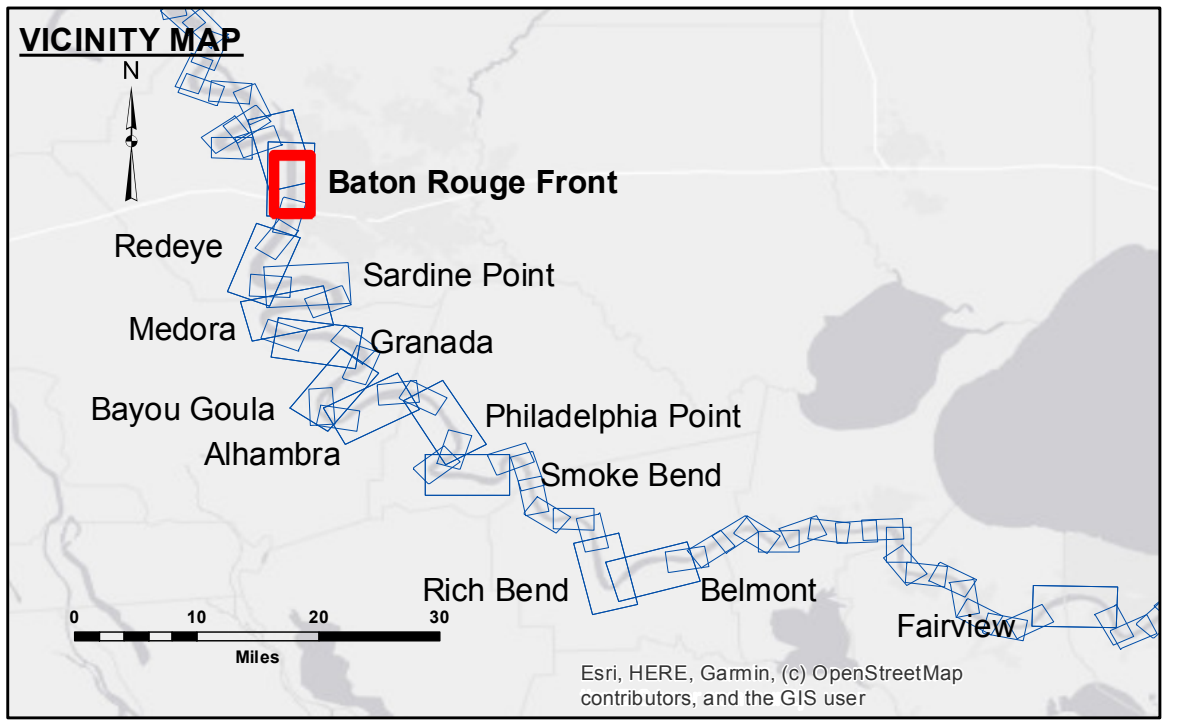


DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for any purpose other than that for which they were prepared. The user is responsible for the results of any use of the data for other than its intended purpose. Data Collection: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to encroaching vegetation, shifting sandbars, and other factors. The user is responsible for the results of any use of the data for other than its intended purpose. The information depicted on this map represents the results of a survey conducted on the ground and is not to be used as a substitute for a field survey. The user is responsible for the results of any use of the data for other than its intended purpose.

Submitted:	RYLAND/MOLLERE
Recommended:	BD
Approved:	AC

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT



LEGEND	
--- Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Wrecks-Submerged
□ Borrow Area	★ Shoalest Sounding**
★ Beacon, General	★ Red Navigation Buoy
★ Green Navigation Buoy	

LWRP:	2.6
Gage Reading:	BR:21.8 D:13.5 USED:21.10 NAVD
Sea Conditions:	CALM
Vessel Name:	OB-169
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.
2015 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 bathymeter settings.

**MISSISSIPPI RIVER - B.R. TO GULF
BATON ROUGE FRONT CROSSING
MD_01_BRFX_20210630_CS
30 June 2021**

**Sheet Reference Number
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