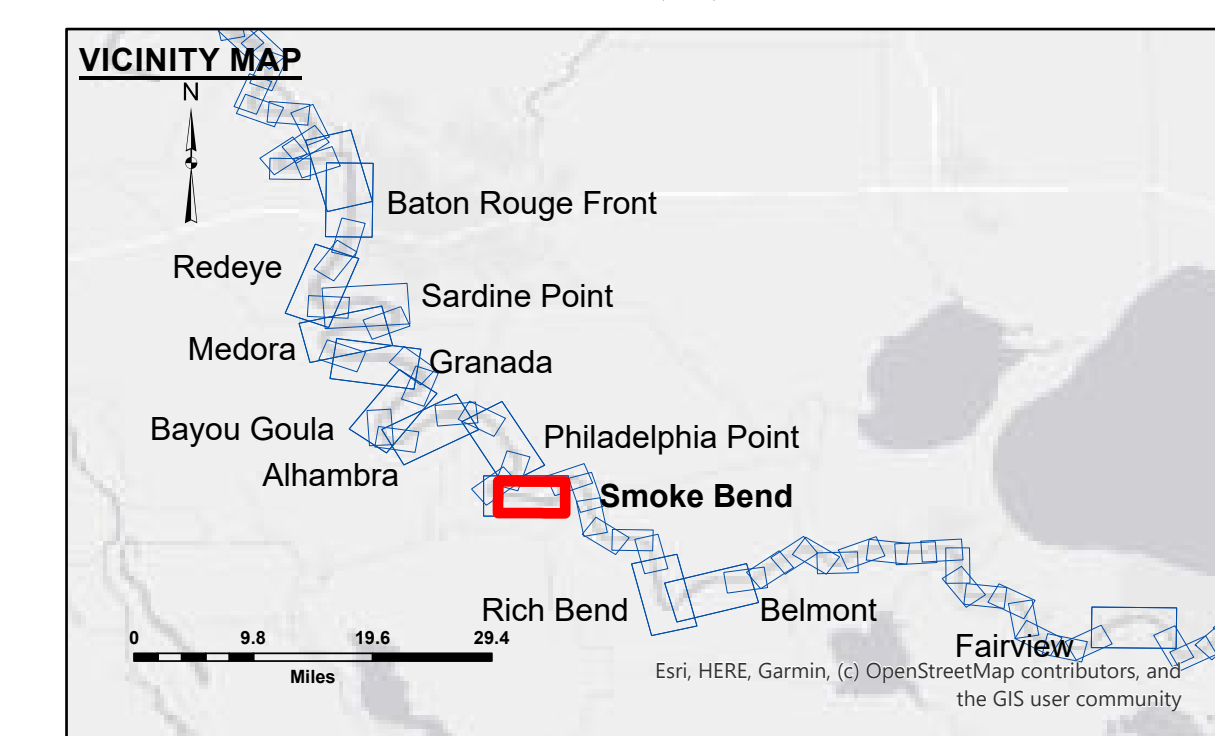




Distribution Liability. The data represents the results of data collected from the U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors and not limited to dredging activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers will update the data as it becomes available in the hydrographical conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers use only.

DISCLAIMER The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The recipient understands that the data are provided without any liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

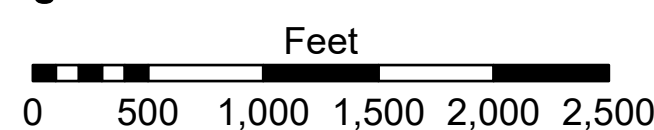
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Reviewed By: SP/JS _____
Submitted: _____		Plotted By: BD _____
Recommended: _____	Chief, Survey Section	
Approved: _____	Chief, Waterways Maintenance Section	Checked By: AOJH _____

MISSISSIPPI RIVER - B.R. TO GULF
SMOKE BEND CROSSING
MD_22_SMB_20250724_CS
24 July 2025

Sheet
Reference
Number
22 of 97

Revision Number:
5.25.04.03-5.25.04.03

--- Federal Navigation Channel	Cable Area	Borrow Area	0' to -5'
— 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' to 50'
			-50' and below



LWRP: 1.4
Gage Reading: BR:18.4 D:10.7 USED:10.8 NAVD
Sea Conditions: CHOPPY
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency***: HIGH

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 base on and provided by the U.S. Coast Guard and USACE crew
2021 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A.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.