



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	■ Shoaling Area	0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	-5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	★ Red Navigation Buoy	-10' to -20'
— Project Depth Contour	★ Wrecks-Submerged	◆ Green Navigation Buoy	-20' to -30'
			-30' to -35'
			-35' to -40'
			-40' to 45'
			-45' to 50'
			-50' and below

LWRP: 1.0  
 Gage Reading: RE:2.9 NAVD  
 Sea Conditions: CALM  
 Vessel Name: OB 189  
 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 (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.  
 2017 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.



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Submitted:	Plotted By:	Checked By:
Recommended:	AC	AC
Chief, Survey Section		
Chief, Waterways Maintenance Section		

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

MISSISSIPPI RIVER  
 RESERVE - SHEET  
 MD\_36  
 22 September 2022  
 1 CS  
 1 RE  
 1 X  
 1 Y  
 1 Z

Sheet Reference Number  
 36 of 97

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