



**LEGEND**

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Placement Area

□ Anchorage Area

⊗ Obstruction Point

✈ Wrecks-Submerged

■ Shoaling Area

● Shoalest Sounding\*\*

★ Beacon, General

◆ Red Navigation Buoy

◆ Green Navigation Buoy

0' and above

0' to -5'

-5' to -10'

-10' to -20'

-20' to -30'

-30' to -35'

-35' to -40'

-40' to -45'

-45' and below

N  
E  
S  
W

Feet

0 500 1,000 1,500 2,000 2,500

LWRP: 0.7

Gage Reading: R:16.9NO:11.7 USED:13.0 NAVD

Sea Conditions: CHOP

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 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.

\*\*\* 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.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: SPPS	Plotted By: AO
Recommended: Chief, Survey Section	Checked By: AO	Checked By: AO
Approved:	Chief, Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF

AVONDALE BEND - SHEET 1

MD\_49\_AV1X\_20210317\_CS

17 March 2021

Sheet  
Reference  
Number

49 of 97

Revision Number:  
4.1-20191105

US Army Corps  
of Engineers  
District: CEMVN

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Data Collection: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural flooding and scouring processes. The U.S. Army Corps of Engineers does not warrant the accuracy of the data in the hydrographical conditions which develop after the date of collection. Prudent users should not rely solely on this data.