



LEGEND

--- Federal Navigation Channel	○ Cable Area	■ Shoaling Area
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**
— As-built Pipeline/Cable	⊗ Anchorage Area	☆ Beacon, General
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy
— Project Depth Contour	⊗ Wrecks-Submerged	◆ 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' to 50'	-50' and below

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.
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 fathometer settings.

Legend:

- LWRP: 0.1
- Gage Reading: VRS RTK NTRIP
- Sea Conditions: CALM
- Vessel Name: OB169
- Survey Type: MB_CONDITION
- Sounding Frequency***: 400KHZ

Scale: 0 500 1,000 1,500 2,000 2,500 Feet



DISCLAIMER:

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were prepared, and that the recipient is responsible for the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The recipient shall not be held liable for any damage or injury resulting from the use of the data for other than its intended purpose.

The information depicted on this map represents the results of a hydrographic survey conducted by the United States Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was prepared. The recipient is responsible for the accuracy, completeness, readability, usability or suitability for any particular purpose of the data. The recipient shall not be held liable for any damage or injury resulting from the use of the data for other than its intended purpose.

**U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT**

Submitted:	SPSR
Recommended:	JH
Approved:	JH

Other: Waterways Maintenance Section

**MISSISSIPPI RIVER - B. R. TO GULF
VENICE
MD_97_VENX_20220607_CS_5X5
07 June 2022**

**Sheet Reference Number
97 of 97**

Revision Number:
4-2020(4/20)