

Legend

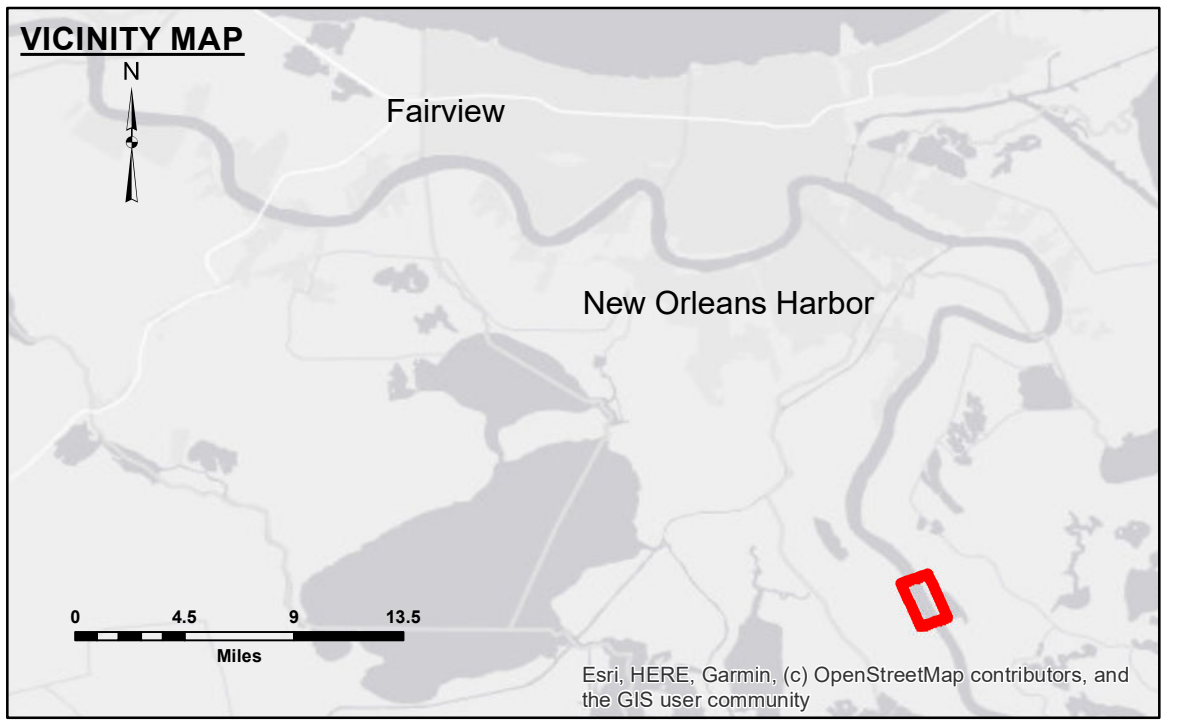
- 0 to -35
- 35 to -40
- 40 to -45
- 45 to -50
- 50 to -55
- 55 to -60
- 60 to -65
- 65 to -70
- 70 to -75
- 75 to -80
- 80 to -85
- 85 and below

US Army Corps of Engineers
District: CEMVN

DISCLAIMER
The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The data was collected using a surveying instrument and is subject to the accuracy of the instrument and the skill of the operator. The Corps of Engineers does not warrant the accuracy of the data for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, and reliability of the data for any particular purpose of the user. The Corps of Engineers does not accept any liability for damages or losses resulting from the use of this data. The user is advised to consult the Corps of Engineers for more information regarding the data and its use.

Submitted:	SP, AO
Recommended:	AO
Approved:	AO

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT



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

LEGEND

- LWRP: 0.4
- Gage Reading: ALLIANCE: 1.5 NAVD AVG
- Sea Conditions: CHOP
- Vessel Name: OB169
- Survey Type: MB_CONDITION
- Sounding Frequency**: 400KHZ

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

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 (LWRP07).

Datum Relationships for Alliance (0.0' Gage Datum = 0.0' NAVD83 (2009.55) = 0.71' NGVD29 = -0.4' LWRP07)

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.

MISSISSIPPI RIVER - B.R. TO GULF
SALT WATER BARRIER, BORROW 1
MD_72_SB3_20231003_PR_3X3
03 October 2023

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