

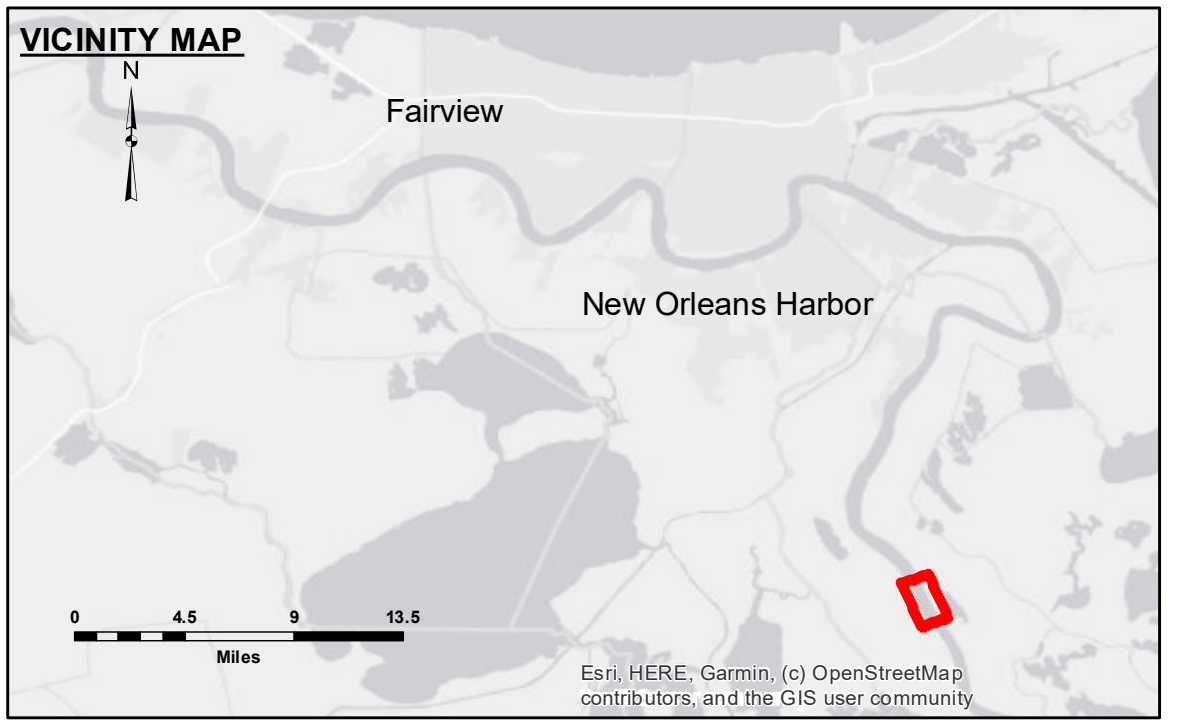
**DISCLAIMER**

The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The data is not intended to be used 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 its intended use. The user is responsible for the accuracy, completeness, and reliability of the data for its intended use. The user is responsible for the accuracy, completeness, and reliability of the data for its intended use.

Surveyed By:	PM/AO
Plotted By:	BD
Checked By:	AO/JH
Submitted:	
Recommended:	
Approved:	

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

**MISSISSIPPI RIVER - B.R. TO GULF**  
**SALT WATER BARRIER, BORROW 1**  
**MD\_72\_SB3\_20240415\_CS\_3X3**  
15 April 2024



**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

LWRP: 0.4

Gage Reading: ALLIANCE VRN: 4.025 NAVD88

Sea Conditions: CALM

Vessel Name: DUCARPE

Survey Type: MB

Sounding Frequency\*\*\*: 400KHZ

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' NAVD88 (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 based 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 bathymeter settings.