

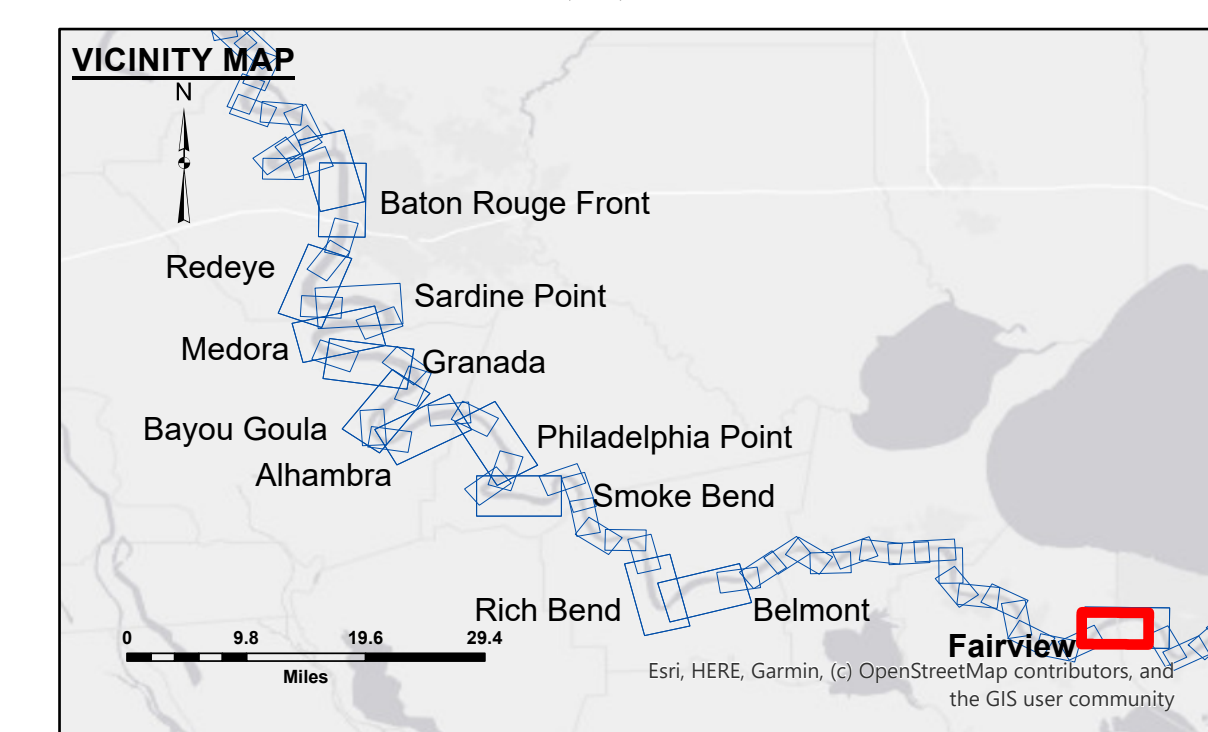


Figure 1 is a map of the study area. It includes a compass rose with North (N) at the top, South (S) at the bottom, East (E) to the right, and West (W) to the left. A scale bar at the bottom indicates distances from 0 to 2,500 feet. The map shows the LWRP (Long Wharf Pier) at the top center, the gage (Gage Reading) at the top right, and the sea conditions (Sea Conditions) indicated by a wavy line at the bottom right. The vessel name (OB-169) and survey type (CS) are also noted.

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.

2021 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A.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.**

**Sheet
Reference
Number**
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