

NOTES:

Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane
Coordinate System (SPCS) 1983, North Central Zone, Ellipsoid: GRS 1980

Coordinate System (SFCFCS), 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

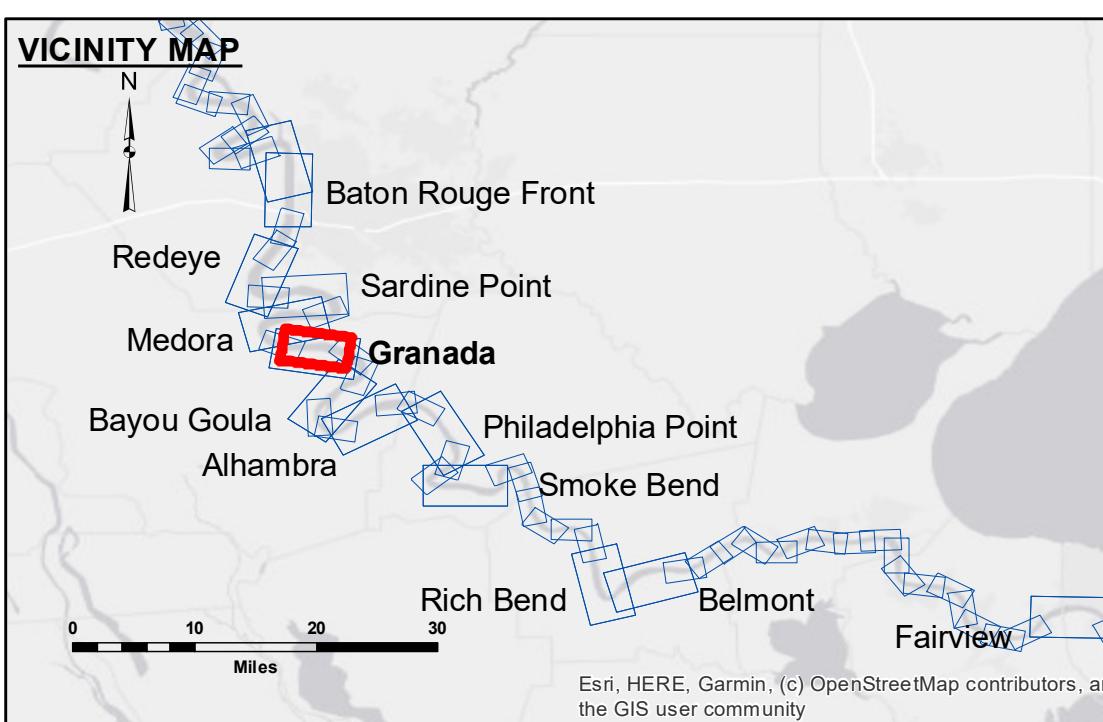
The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE crew.

2015 Aerial Photography data source: NAIP, USDA-FSA

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

Sheet Reference Number

Revision Number:
4.0-201907022



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- LEGEND**

| | | | | | |
|----------------------------------|-----|-------------------|---|-----------------------|----------------|
| — Federal Navigation Channel | ○ ○ | Cable Area | □ | Borrow Area | 0' and above |
| — Federal Navigation Center Line | □ | Placement Area | ● | Shoalest Sounding** | 0' to -5' |
| — As-built Pipeline/Cable | [—] | Anchorage Area | ★ | Beacon, General | -5' to -10' |
| Unconfirmed Pipeline/Cable | ⊗ | Obstruction Point | ◆ | Red Navigation Buoy | -10' to -20' |
| — Project Depth Contour | ↗ | Wrecks-Submerged | ◆ | Green Navigation Buoy | -20' to -30' |
| | | | | | -30' to -35' |
| | | | | | -35' to -40' |
| | | | | | -40' to 45' |
| | | | | | -45' and below |

N
 E
 W
 S

LWRP: 1.9
 Gage Reading: BR:35.
 Sea Conditions: CALM
 Vessel Name: OB-183
 Survey Type: COND
 Sounding Frequency***: HIGH

Feet

0 500 1.000 1.500 2.000 2.500