

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 (NGVD).

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.

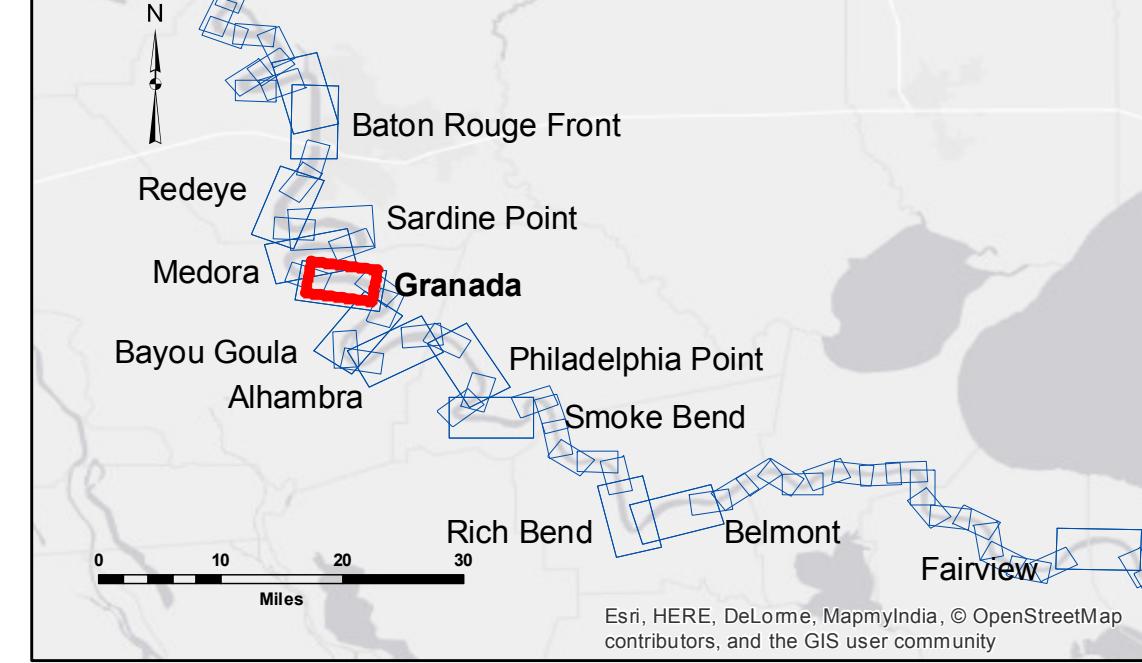
2010 Aerial Photography data source: NAIP, USDA-FS

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.

VICINITY MAP



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- This legend provides a key for symbols and depth contours used in the map:

 - Federal Navigation Channel:** Dashed line.
 - Federal Navigation Center Line:** Solid line.
 - As-built Pipeline/Cable:** Thick solid line.
 - Unconfirmed Pipeline/Cable:** Dotted line.
 - Project Depth Contour:** Thin solid line.
 - Cable Area:** Two small circles.
 - Placement Area:** Red square.
 - Anchorage Area:** Open square.
 - Obstruction Point:** Circle with an X.
 - Wrecks-Submerged:** Anchor symbol.
 - Borrow Area:** Blue rectangle.
 - Shoalest Sounding**:** Yellow circle.
 - Beacon, General:** Star symbol.
 - Red Navigation Buoy:** Red diamond.
 - Green Navigation Buoy:** Green diamond.

A vertical color bar on the right indicates depth ranges:

 - 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' and below

A compass rose indicating cardinal directions (N, S, E, W) and intermediate points. Below it is a scale bar labeled "Feet" with markings at 0, 500, 1,000, 1,500, 2,000, and 2,500.

LWRP:	1.9
Gage Reading:	BR:16
Sea Conditions:	CALM
Vessel Name:	OB-18
Survey Type:	COND
Sounding Frequency***:	HIGH

Sheet
Reference
Number

Revision Number:
3.8.0-20150202