

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.

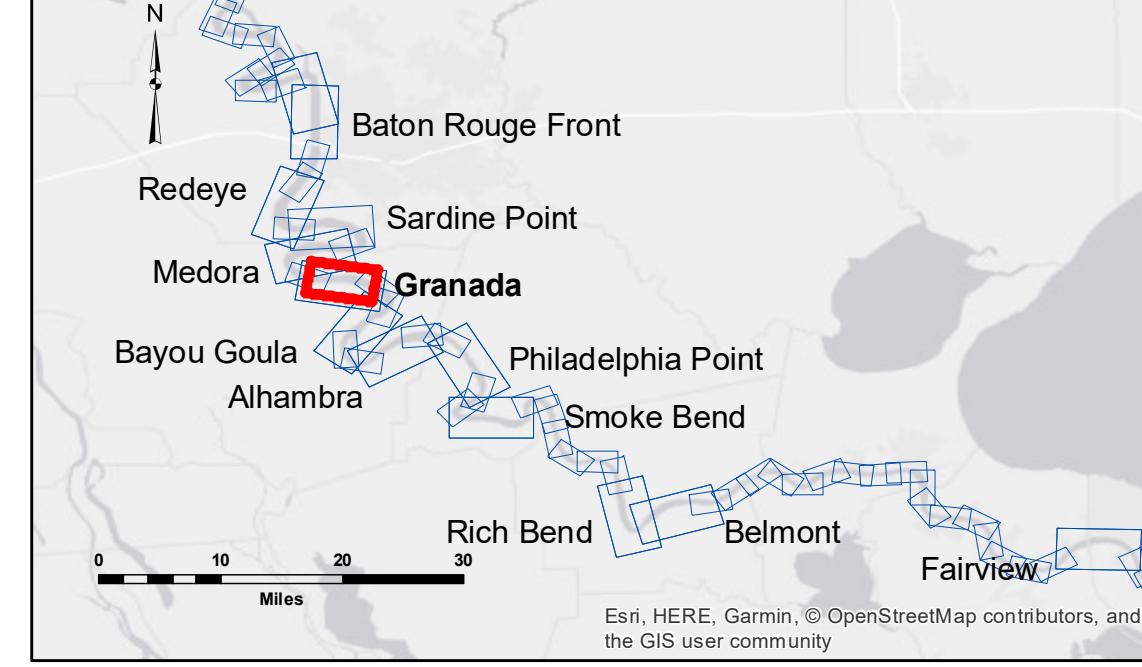
The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE crew.

2015 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



For more information about the study, please contact the study team at 1-800-258-4929 or visit www.cancer.gov.

- Federal Navigation Channel
 - Federal Navigation Center Line
 - As-built Pipeline/Cable
 - Unconfirmed Pipeline/Cable
 - Project Depth Contour

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- The legend includes the following entries:

 - Cable Area: Two concentric circles
 - Placement Area: A red square
 - Anchorage Area: A dashed square
 - Obstruction Point: A crossed circle symbol
 - Wrecks-Submerged: A shipwreck icon
 - Borrow Area: A blue square
 - Shoalest Sounding**: A yellow circle
 - Beacon, General: A star symbol
 - Red Navigation Buoy: A red diamond with a circle
 - Green Navigation Buoy: A green diamond with a circle

A vertical color bar on the right indicates depth ranges: 0' and above (green), 0' to -5' (yellow-green), -5' to -10' (light orange), -10' to -20' (light teal), -20' to -30' (medium teal), -30' to -35' (medium blue), -35' to -40' (dark blue), -40' to -45' (pink), and -45' and below (white).

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LWRP: 1.9
Gage Reading: BR:40
Sea Conditions: CALM
Vessel Name: M/V L
Survey Type: CONFI
Sounding Frequency***: HIGH

Feet

0	500	1,000	1,500	2,000	2,500
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Sheet Reference Number

Revision Number:
3.12-20160811