



LEGEND

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Anchorage Area

⊗ Obstruction Point

✶ Wrecks-Submerged

□ Borrow Area

● Shoalest Sounding**

☆ Beacon, General

◆ Red Navigation Buoy

◆ Green Navigation Buoy

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

N
E
S
W

0 500 1,000 1,500 2,000 2,500

Feet

LWRP: 1.9

Gage Reading: BR:31.63 D:21.86 USED:27.2 NGVD

Sea Conditions: SLIGHTLY CHOPPY

Vessel Name: LAFOURCHE

Survey Type: CONDITION

Sounding Frequency***: HIGH

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-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 fathometer
settings.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: DJS, SPS	Plotted By: BTD	Checked By: MSK
Recommended: Chief, Survey Section	Approved: Chief, Waterways Maintenance Section		

MISSISSIPPI RIVER - B.R. TO GULF
GRANADA RECON
MR_10_GRA_20160517
17 May 2016

Sheet
Reference
Number
10 of 97

Revision Number:
3.8.0-20150202

US Army Corps
of Engineers
District: CEMVN

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Date Coordinates: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers does not warrant the accuracy of the data for hydrographic conditions which develop after the date of the survey. Product maintainers should not rely on this report.