



LEGEND	
— Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	★ Beacon, General
— Project Depth Contour	⊗ Obstruction Point
	◆ Red Navigation Buoy
	◆ Green Navigation Buoy
	✗ Wrecks-Submerged
	● Shoalest Sounding**

LWRP: 1.7
Gage Reading: BR:29.2D:19.9USED:22.50 NGVD
Sea Conditions: CALM
Vessel Name: MV OB189
Survey Type: CONDITION
Sounding Frequency*:** HIGH

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

W N E S

Feet

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

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.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**
16 of 97

Revision Number:
3.8.0-20150202

MISSISSIPPI RIVER - B.R. TO GULF
ALHAMBRA RECON
MR_16_ALH_20160602

02 June 2016



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U.S. ARMY CORPS OF ENGINEERS	
NEW ORLEANS DISTRICT	
Surveyed By:	DR SP
Submitted:	
Project:	AC
Recommended:	One I Survey Section
Approved:	One I Waterways Maintenance Section
Cheched By:	WPK

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