

**LEGEND**

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Unconfirmed Placement Area
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Borrow Area
- Shoalest Sounding\*\*
- Beacon, General
- Obstruction Point
- Wrecks-Submerged

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

LWRP:  
Gage Reading:  
Sea Conditions:  
Vessel Name:  
Survey Type:  
Sounding Frequency\*\*\*:

2.1  
BR:29.5 D:20.1 USED: 26.6 NGVD  
CALM  
OB-167  
CONDITION  
HIGH

N  
W  
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.

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Reference  
Number  
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U.S. ARMY CORPS OF ENGINEERS	NEW ORLEANS DISTRICT
Survived By:	SPM
Printed By:	BT
Recommended:	Chief Survey Section
Approved:	Chief Waterway Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF**  
**MEDORA RECON**  
**MR\_08\_MED\_20160429**  
**29 April 2016**