



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ 0' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ 0' to -5'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	■ -5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -10' to -20'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20' to -30'
			■ -30' to -35'
			■ -35' to -40'
			■ -40' to 45'
			■ -45' and below

DIKE NO. DIKE ELEVATION

1	-10 NGVD OR -12 LWRP
2	-4 NGVD OR -6 LWRP
3	-2 NGVD OR -0.1 LWRP

LWRP: 2.1
Gage Reading: BR:24.05 D:16.42 USED:21.70 NGVD
Sea Conditions: CALM
Vessel Name: M/V OB189
Survey Type: CONDITION
Sounding Frequency***: HIGH

North Arrow and Scale Bar (0 to 2,500 Feet)

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 based 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 bathymeter settings.



DISCLAIMER:

The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The information is provided for informational purposes only and is not intended to be used for any other purpose. The user is responsible for the accuracy, completeness, reliability, usability, or suitability of the information for any particular purpose. The user is responsible for the accuracy, completeness, reliability, usability, or suitability of the information for any particular purpose. The user is responsible for the accuracy, completeness, reliability, usability, or suitability of the information for any particular purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: DR, JH
Recommended: Chief, Survey Section	Plotted By: BTJ
Approved: Chief, Waterways Maintenance Section	Checked By: MSK

MISSISSIPPI RIVER - B.R. TO GULF
MEDORA RECON
MR_08_MED_20151203
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