



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

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 bathymeter settings.

LWRP: 2.1
Gage Reading: BR:38.24 D:27.9 USED:35.0 NGVD
Sea Conditions: LIGHTLY CHOPPY
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency***: HIGH

Scale: 0 500 1,000 1,500 2,000 2,500 Feet



DISCLAIMER: The data represented on this map is the result of a survey conducted for a specific purpose. The data is not intended for use in any other application. The user is responsible for the accuracy, reliability, and timeliness of the data. The user is responsible for the accuracy, reliability, and timeliness of the data. The user is responsible for the accuracy, reliability, and timeliness of the data.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

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