



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

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.
2015 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.

LWRP: 2.8
Gage Reading: BR:34.2 D:24.0 USED:34.60 NGVD
Sea Conditions: CALM
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency***: HIGH

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



ACCESS LIMITS
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected, and that the data are not to be used for any purpose other than that for which they were originally collected.

DISTRIBUTION LIABILITY
The data represents the results of data collection for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of the application of the data for other than its intended purpose.

DATA CONSTRAINTS
Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing bathymetry, sedimentation, and other factors. The user is responsible for the data and the hydrographic conditions when developing the data of the project. The user is responsible for the data and the hydrographic conditions when developing the data of the project. The user is responsible for the data and the hydrographic conditions when developing the data of the project.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By:	RYLAND/ADAMS
Recommended:	Plotted By:	BD
Approved:	Chief, Survey Section	AC
	Chief, Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF
BATON ROUGE FRONT CROSSING
MD_01_BRF_20180511_CS
11 May 2018

Sheet Reference Number
1 of 97