



LEGEND			
	Federal Navigation Channel		Cable Area
	Federal Navigation Center Line		Placement Area
	As-built Pipeline/Cable		Anchorage Area
	Unconfirmed Pipeline/Cable		Obstruction Point
	Project Depth Contour		Beacon, General
			Red Navigation Buoy
			Green Navigation Buoy
			Borrow Area
			Shoalest Sounding**
			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

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.

WLRP: 1.3
 Gage Reading: D:31.2 R:23.25 USED:26.60 NGVD
 Sea Conditions: CALM
 Vessel Name: OB-189
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

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

U.S. Army Corps of Engineers
 District: CEMVN

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: RYLAND/RHODEN	Plotted By: BD	Checked By: AC
Recommended: Chief Survey Section	Recommended: Chief Survey Section	Plotted By: BD	Checked By: AC
Approved: Chief Waterways Maintenance Section	Approved: Chief Waterways Maintenance Section	Plotted By: BD	Checked By: AC

MISSISSIPPI RIVER - B.R. TO GULF
 BELMONT CROSSING
 MD_30_BEL_20190619_CS
 19 June 2019

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