



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

W **N** **E** **S**

LWRP: N/A
 Gage Reading: D:6.7R:5.4 USED:5.9 NGVD
 Sea Conditions: CALM
 Vessel Name: OB-167
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

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.

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.



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The user is responsible for the results of the application of the data for other than its intended purpose. Data Contaminants: Hydrographic survey data is subject to change due to several factors including but not limited to dredging, sedimentation, and other changes in the river channel. The Army Corps of Engineers does not assume any liability for changes in the hydrographical conditions when developed after the date of the survey. The information depicted on this map represents the results of a survey conducted on the date indicated and is not considered to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: SP-JH	Plotted By: AO
Recommended:	Checked By: AO	Checked By: AO
Approved:	Chief, Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF
BELMONT RECON
MR_30_BEL_20180906_CS
06 September 2018

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