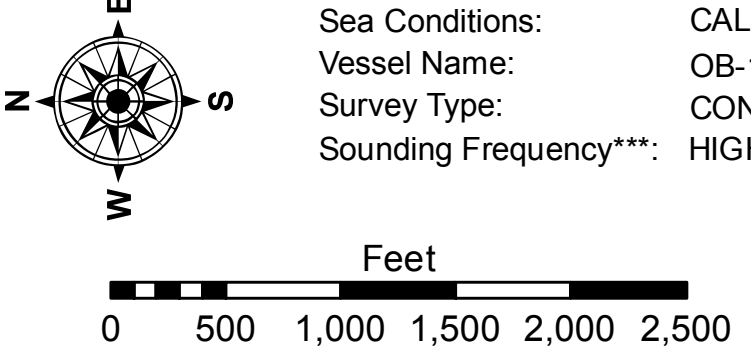


LEGEND

--- 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



LWRP: 2.6
 Gage Reading: BR:41.3 D:29.6 USED:41.80 NAVD
 Sea Conditions: CALM
 Vessel Name: OB-189
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

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 (NAVD).
 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.



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 Access Restrictions: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are for the specific use of the recipient and are not to be used for any other purpose. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data. The user shall indemnify and hold the United States Government harmless from any liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient may not transfer these data to other persons without the express written consent of the United States Government. The information depicted on this map represents the results of a survey conducted on the date of the survey and is not to be used for any other purpose. The information depicted on this map represents the results of a survey conducted on the date of the survey and is not to be used for any other purpose. The information depicted on this map represents the results of a survey conducted on the date of the survey and is not to be used for any other purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By:	RYLAND HOSHMAN
Recommended:	Plotted By:	BD
Approved:	Checked By:	AO

**MISSISSIPPI RIVER - B.R. TO GULF
 BATON ROUGE FRONT CROSSING
 MD_01_BRF_20200429_CS
 29 April 2020**

**Sheet
 Reference
 Number
 1 of 97**

Revision Number:
 4.0-201-907022