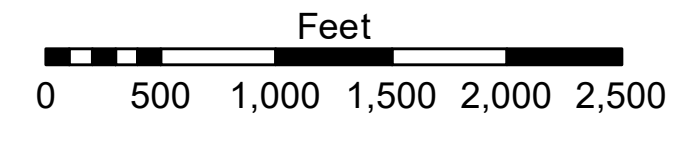
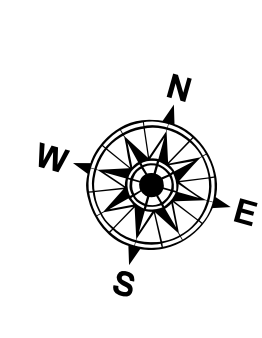


LEGEND			
	Federal Navigation Channel		0' and above
	Federal Navigation Center Line		0' to -5'
	As-built Pipeline/Cable		-5' to -10'
	Unconfirmed Pipeline/Cable		-10' to -20'
	Project Depth Contour		-20' to -30'
	Cable Area		-30' to -35'
	Placement Area		-35' to -40'
	Anchorage Area		-40' to 45'
	Obstruction Point		-45' and below
	Beacon, General		Borrow Area
	Red Navigation Buoy		Shoalest Sounding**
	Green Navigation Buoy		Beacon, General
	Wrecks-Submerged		Red Navigation Buoy
			Green Navigation Buoy



LWRP: 1.3
 Gage Reading: D:25.68 R:19.73 USED:22.20 NGVD
 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 (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 fathometer settings.

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

**MISSISSIPPI RIVER - B.R. TO GULF
 BELMONT RECON
 MR_30_BEL_20180501_CS
 01 May 2018**

**Sheet Reference Number
 30 of 97**

Revision Number:
 3.13-20160811



DISCLAIMER:
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are for informational purposes only and are not intended for any other purpose. The user is responsible for the reliability, usability or suitability for any particular purpose of the information. The user is responsible for the accuracy, completeness, and timeliness of the information. The user is responsible for the application of the data for other than its intended purpose.
 Data Containment: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions. The user is responsible for the accuracy of the data. The user is responsible for the accuracy of the data. The user is responsible for the accuracy of the data.
 The information depicted on this map represents the results of a survey conducted on or about the date indicated. The information is considered to represent the general condition existing at that time.