



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: 1.7
 Gage Reading: BR:36.8 D:25.6 USED:28.7 NAVD
 Sea Conditions: CALM
 Vessel Name: OB-189
 Survey Type: BD
 Sounding Frequency***: HIGH

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.



Access/Availability: 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. The data is not to be used for any purpose other than that for which it was collected. The user is responsible for the results of any use of the data. The data is not to be used for any purpose other than that for which it was collected. The user is responsible for the results of any use of the data.

Distribution Liability: The data represents the results of data collection processing for a specific US Army Corps of Engineers project. The data is not to be used for any purpose other than that for which it was collected. The user is responsible for the results of any use of the data.

Data Accuracy: Hydrographic survey data is subject to change due to several factors including but not limited to dredging, sedimentation, and channel migration. The data is not to be used for any purpose other than that for which it was collected. The user is responsible for the results of any use of the data.

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

**MISSISSIPPI RIVER - B.R. TO GULF
ALHAMBRA CROSSING**
 MD_16_ALHX_20200519_BD
 19 May 2020

Sheet Reference Number
 16 of 97