



LWRP: 1.7
Gage Reading: BR:12.5 D:6.9 USED:8.5 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.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.



Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and includes the general existing conditions. As such, the data is not necessarily suitable for other uses without further processing. The user is responsible for the results of any use of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The US Army Corps of Engineers and the surveyor(s) make no guarantee as to the accuracy of the data or the hydrographic conditions when developed after the date of publication. This data is intended for U.S. Army Corps of Engineers internal purposes. Please contact the surveyor(s) for more information.

This information depicts on the map represents the results of a survey conducted on the date indicated and can only be considered to reflect the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS	
NEW ORLEANS DISTRICT	
Surveyed By:	DSIPS
Submitted:	
Printed By:	BB
Recommended:	One I Survey Section
Approved:	One I Waterways Maintenance Section
Checked By:	AC

MISSISSIPPI RIVER - B.R. TO GULF
ALHAMBRA RECON
MR_16_ALH_20171106_CS
06 November 2017