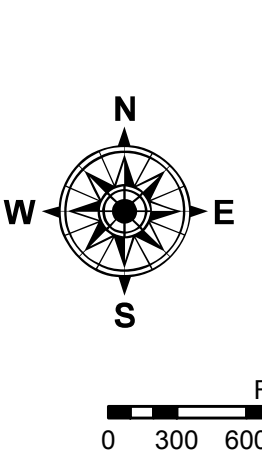


LEGEND

--- Federal Navigation Channel	○ Cable Area	■ Shoaling 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 -9'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	□ -9' and below
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	



LWRP: 14.1
 Gage Reading: KL:42.3 RR:39.8 USED:40.80 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 USACE IENC U35LM236.
 *** 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 bathymeter settings.



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were prepared, and that the Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data. The user is responsible for the selection, use, and accuracy of the data. The application of the data for other than its intended purpose is at the user's risk. Data Collection: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions, sedimentation, and scouring. The data is not to be used for purposes other than those for which it was collected. The information depicted on this map represents the results of a survey conducted on the date indicated. The data is not to be used for purposes other than those for which it was collected. The information depicted on this map represents the results of a survey conducted on the date indicated. The data is not to be used for purposes other than those for which it was collected.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted: _____	Surveyed By: RYLAND/RHODEN
Recommended: _____	Plotted By: BD
Approved: _____	Checked By: AC

MISSISSIPPI RIVER - SHALLOW DRAFT
FORT ADAMS REACH
MS_08_FARX_20210210_CS
10 February 2021

Sheet Reference Number
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Revision Number:
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