

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: 14.6
Gage Reading: KL:30.5RR:27.7 UESD:28.8 NGVD
Sea Conditions: CALM
Vessel Name: M/V OB-189
Survey Type: CONDITION
Sounding Frequency*:** HIGH

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).

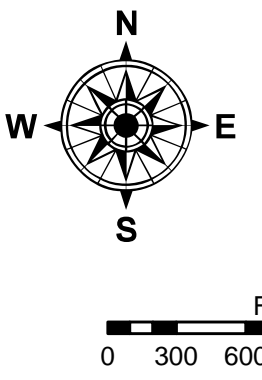
Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

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 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 fathometer settings.



DISCLAIMER: The data represented on this map is the result of a collection of data from various sources. The data is provided for informational purposes only and is not intended to be used for navigation or other critical applications. The user is responsible for the accuracy and reliability of the data. The user is advised to verify the data for their intended purpose. The information depicted on this map represents the results of a survey conducted on the date of the survey. The information is not intended to be used for navigation or other critical applications. The user is responsible for the accuracy and reliability of the data. The user is advised to verify the data for their intended purpose.

Submitted:	Surveyed By: SR,JH
Recommended: Chief, Survey Section	Plotted By: ATO
Approved: Chief, Waterways Maintenance Section	Checked By: ML

MISSISSIPPI RIVER - SHALLOW DRAFT
FORT ADAMS REACH
MS_08_FAR_20150902
02 September 2015

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