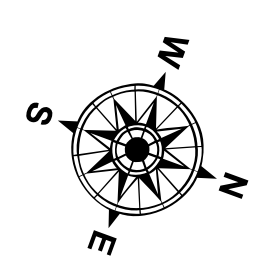
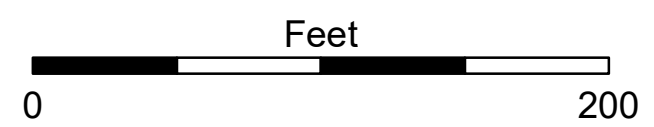


LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Placement Area	● Shoalest Sounding**
— Federal Navigation Center Line	□ Anchorage Area	★ Beacon, General	■ -8' and above
— As-built Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -8' to -10'
..... Unconfirmed Pipeline/Cable	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -10' to -12'
— Project Depth Contour			■ -12' and below



LWRP: N/A
 Gage Reading: RTK: 5.63 MLG
 Sea Conditions: CALM
 Vessel Name: OB167
 Survey Type: MB_CONDITION
 Sounding Frequency***: 400KHZ



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 Mean Low Gulf (MLG).
 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/Use: 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 originally collected, expressed, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The recipient shall be responsible for any use of the data under no liability whatsoever to any person by reason of any use made thereof. These data being in the public domain, the recipient agrees to release these data to others without also transferring this Disclaimer. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers and is not to be used for any purpose other than that for which it was originally collected, expressed, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The recipient shall be responsible for any use of the data under no liability whatsoever to any person by reason of any use made thereof. These data being in the public domain, the recipient agrees to release these data to others without also transferring this Disclaimer. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers and is not to be used for any purpose other than that for which it was originally collected, expressed, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The recipient shall be responsible for any use of the data under no liability whatsoever to any person by reason of any use made thereof. These data being in the public domain, the recipient agrees to release these data to others without also transferring this Disclaimer.

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

MISSISSIPPI RIVER DEEP-DRAFT LOCKS
HARVEY LOCK FOREBAY
LK_03_HVY_20190925_CS_5X5
25 September 2019

Sheet Reference Number
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