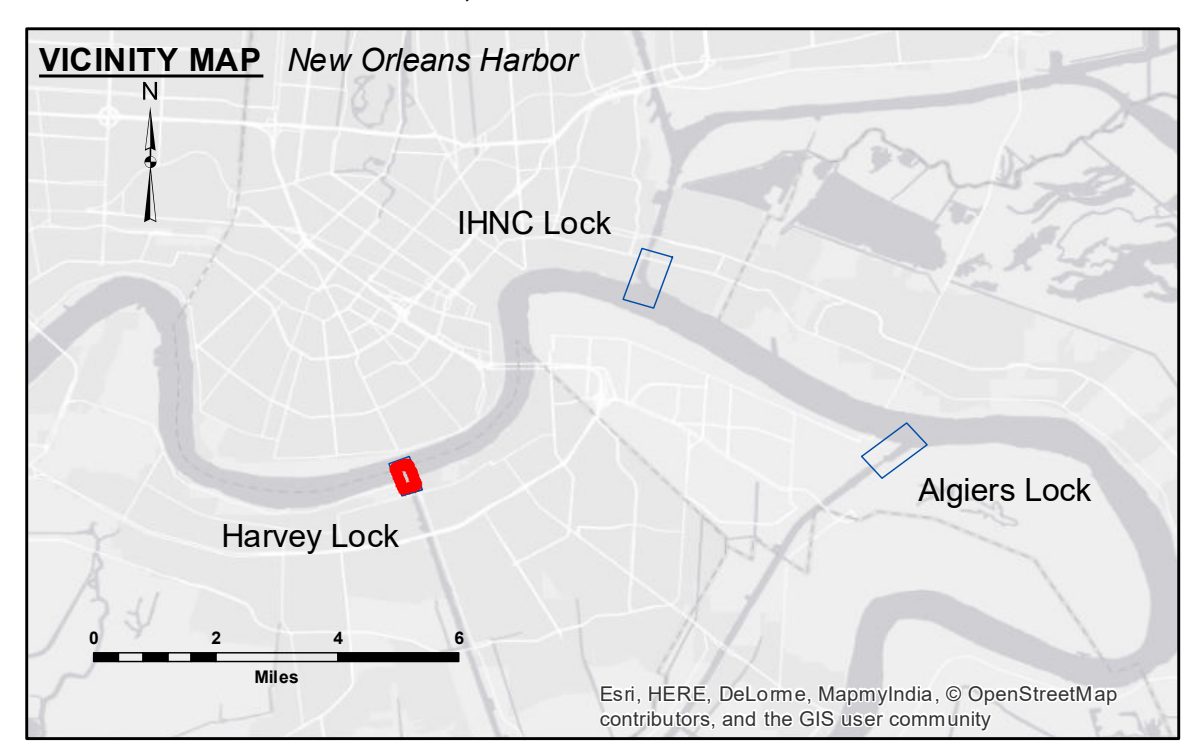


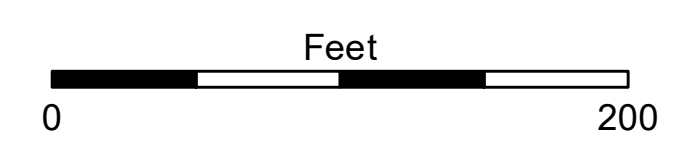
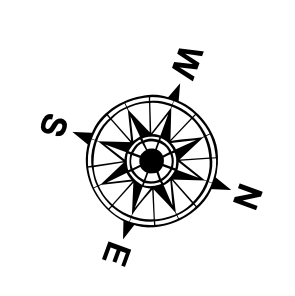
DISCLAIMER
 The data represented on this map represents the results of a data collection project for a specific US Army Corps of Engineers project. The data is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results of the data. The application of the data for other than its intended purpose is not recommended. Hydrographic survey data is subject to change due to several factors including but not limited to dredging, sedimentation, and other factors. The user is responsible for the results of the data. The information depicted on this map represents the results of a data collection project for a specific US Army Corps of Engineers project. The data is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results of the data. The application of the data for other than its intended purpose is not recommended. Hydrographic survey data is subject to change due to several factors including but not limited to dredging, sedimentation, and other factors. The user is responsible for the results of the data.

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

MISSISSIPPI RIVER DEEP-DRAFT LOCKS
HARVEY LOCK FOREBAY
 LK_03_HVY_20180516_CS_5X5
 16 May 2018



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



LWRP: N/A
 Gage Reading: HARVEY LOCK: 11.92 MLG
 Sea Conditions: CALM
 Vessel Name: OB-167
 Survey Type: CONDITION
 Sounding Frequency***: 400 KHZ

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.
 2010 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.

Sheet Reference Number
 3 of 4
 Revision Number:
 3.13-20160811