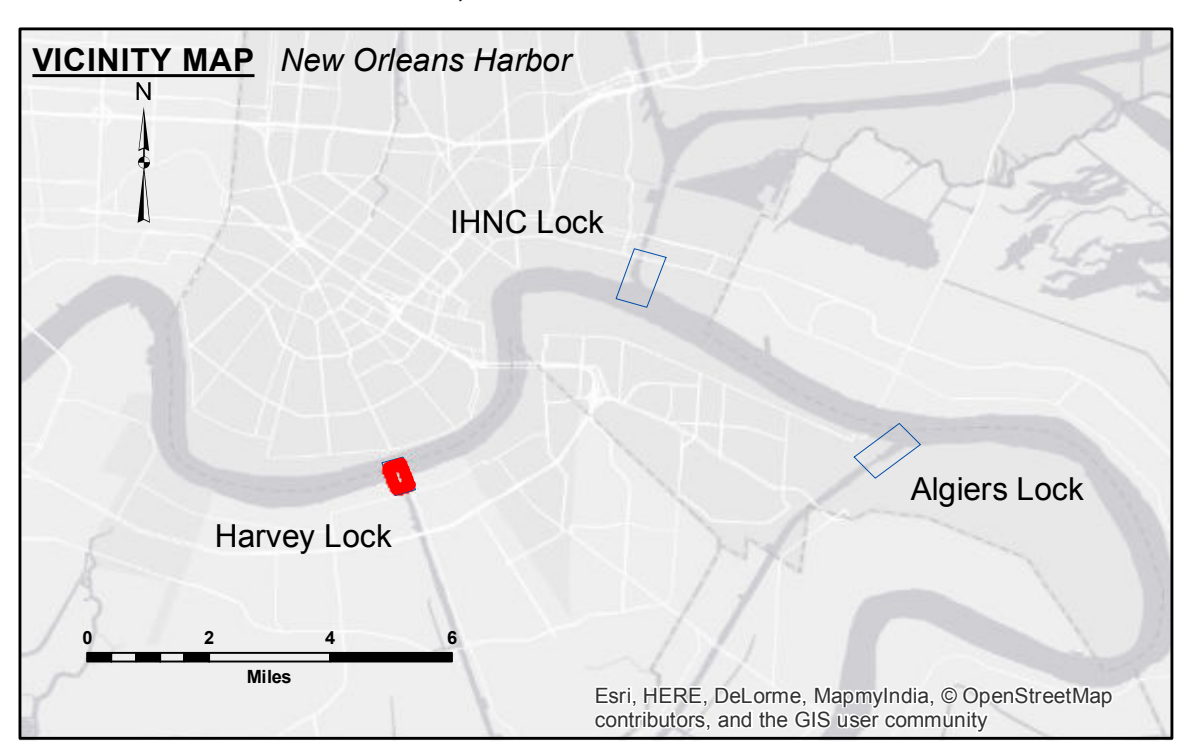


DISCLAIMER
 The information depicted on this map represents the results of a survey conducted on the date indicated. The Corps of Engineers does not warrant the accuracy of the information for any purpose other than that for which it was collected. The user is responsible for the accuracy, completeness, and reliability of the information for any particular purpose of the user. The Corps of Engineers does not accept any liability for damages or losses resulting from the use of this information. The Corps of Engineers does not accept any liability for changes in the hydrographical conditions which develop after the date of the survey. Project maintainers should not rely solely upon it.

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

**MISSISSIPPI RIVER DEEP-DRAFT LOCKS
 HARVEY LOCK FOREBAY
 LK_03_HVY_20150922_10X10
 22 September 2015**



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 FB: 4.4 MLG
Sea Conditions: CALM
Vessel Name: OB-169
Survey Crew: SURVEY_CREW
Survey Type: CONDITION
Sounding Frequency*:** 200 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.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:
 3.8-0-20150202