

TABLE OF COORDINATES
APPROX LIMITS OF WORK

POINT	X	Y
1	3676168.356	515965.968
2	105.6	3676309.956
3	104.2	3676594.493
4	104.8	3676605.262
5	104.8	3676534.566
6	103.3	3676203.700
7	103.3	3676656.540

GAGE DESCRIPTION	VERTICAL DATUM	CONVERSION TO MLG
MISS. RIVER @ HARVEY LOCK DCP# 01320	GAGE DATUM	ADD (+) 0.78'

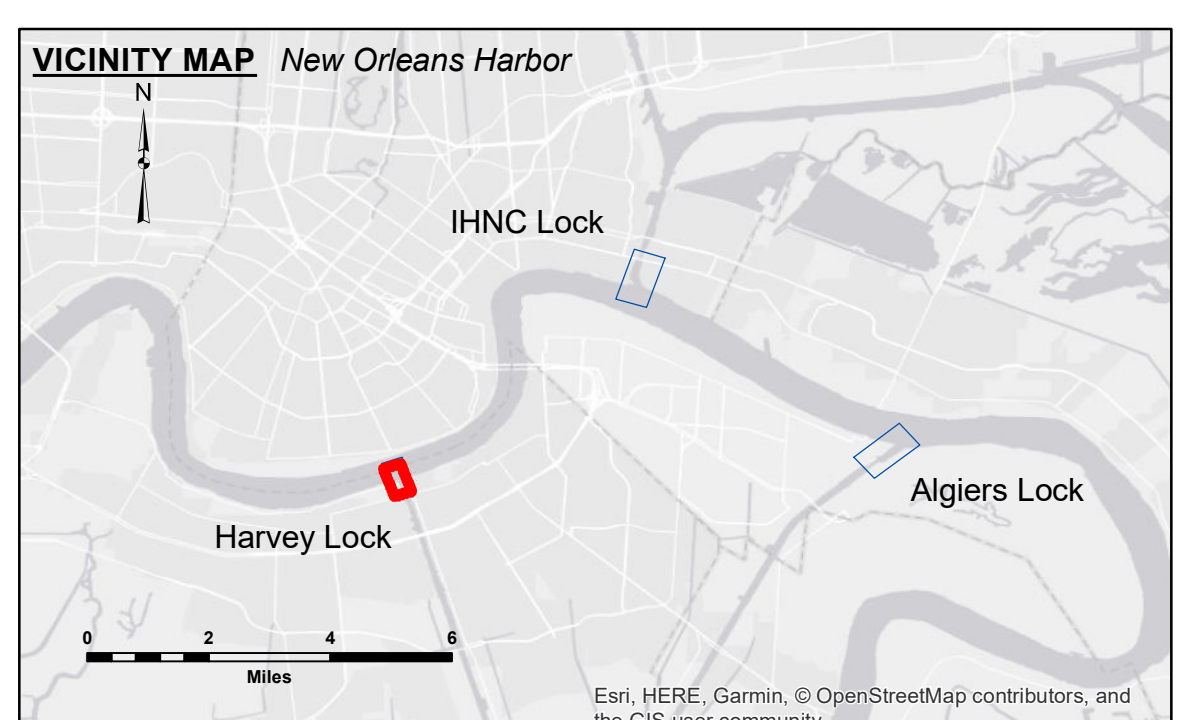


DISCLAIMER
The data represents the results of data collection for a specific US Army Corps of Engineers project. The user is responsible for the results and accuracy of the data. The user is responsible for the results and accuracy of the data. The user is responsible for the results and accuracy of the data.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

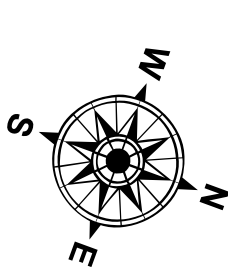
Submitted:	Surveyed By: RYLAND HOSHMAN
Recommended:	Plotted By: AO
Approved:	Checked By: AO

MISSISSIPPI RIVER DEEP-DRAFT LOCKS
HARVEY LOCK FOREBAY
LK_03_HVYX_20180815_CS
15 August 2018

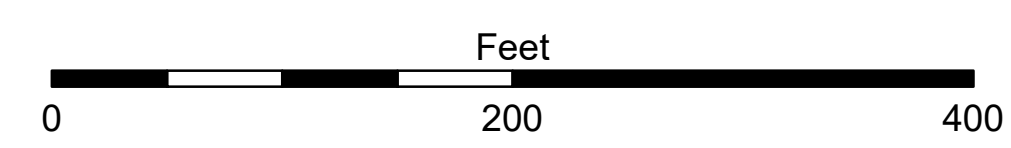


LEGEND

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



LWRP: N/A
Gage Reading: HARVEY FB: 4.2 MLG
Sea Conditions: CALM
Vessel Name: M/V OB189
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 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.

Sheet Reference Number
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