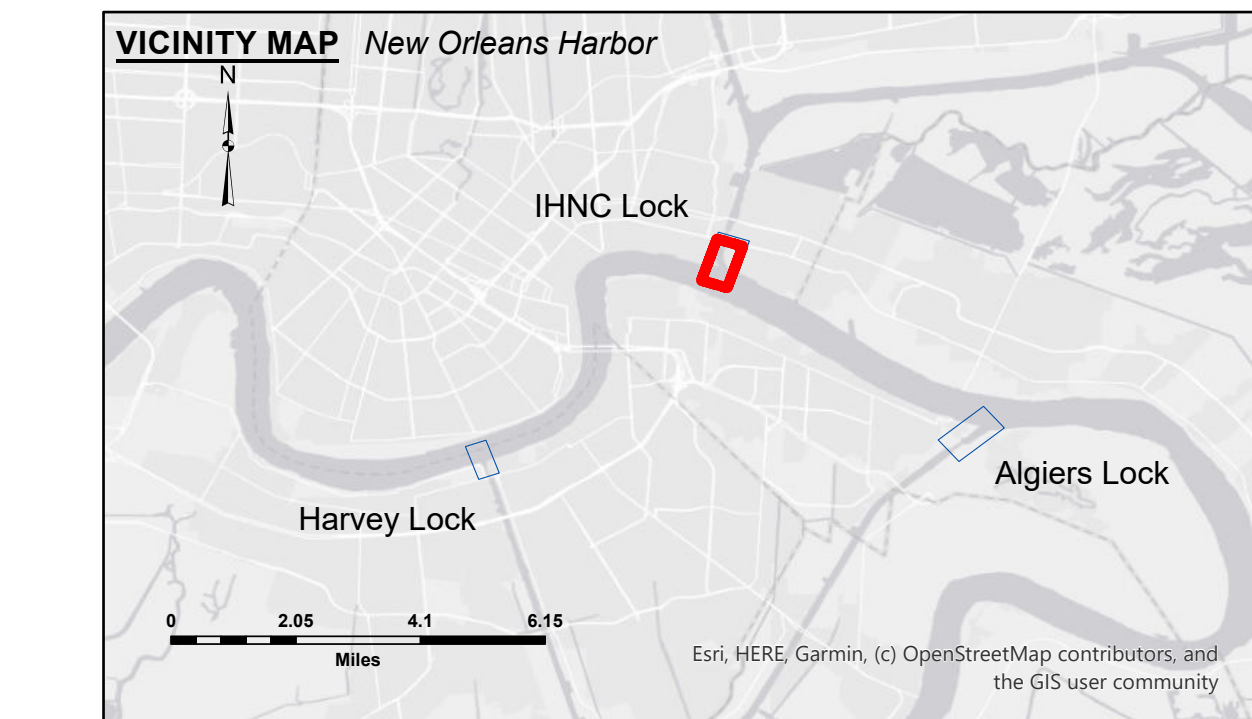
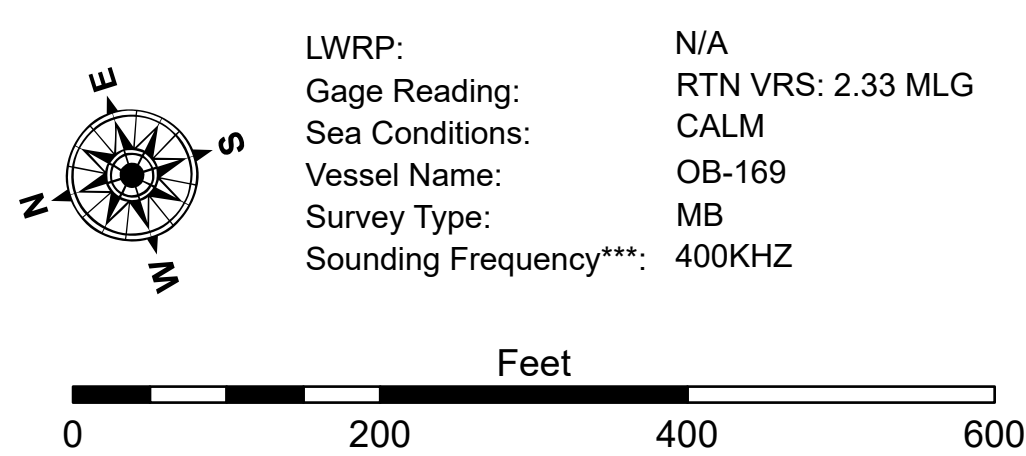




LEGEND

--- Federal Navigation Channel	⊗ Cable Area	□ Placement Area	█ -12' and above
— Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**	█ -12' to -20'
— As-built Pipeline/Cable	▭ Anchorage Area	★ Beacon, General	█ -20' to -25'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	█ -25' to -32'
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy	█ -32' to -36'
			█ -36' and below



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 U.S. Army Corps of Engineers.

2021 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Station

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 (200 kHz) data normally penetrates through this "fluff" layer to depict elevations of consolidated material. Low frequency accuracies may vary depending on channel conditions and bathymetric settings.

GAGE DESCRIPTION	VERTICAL DATUM	CONVERSION
		TO MLG
MISS. RIVER @ IHNC LOCK DCP# 01340	NAVD88 (2004.65)	ADD (+) 1.83'

TABLE OF COORDINATES		
APPROX LIMITS OF WORK		
POINT	X	Y
1	3694672.343	531637.537
2	3694803.259	531710.755
3	P.O.B. 3694156.467	532867.245
4	P.O.E. 3694063.970	533616.601
5	3694289.163	534448.693
6	3694300.250	534566.222
7	3694326.374	534662.749
8	3694254.673	534684.907
9	3693974.131	533724.857
10	3693874.386	533356.299
11	3693920.635	532981.621
12	3694737.801	531674.146
13	3964113.710	532790.045
14	3694008.465	533631.623
15	3694290.871	534675.111

CURVE DATA
CURVE 1 DATA
EAST EDGE OF CUT
DELTA: 44° 21' 37.84"
DEGREE OF CURVE: 5° 43' 46.48"
TANGENT: 407.69'
LENGTH OF CURVE: 774.24'
RADIUS: 1000'
CURVE 2 DATA
C/L
DELTA: 44° 21' 37.84"
DEGREE OF CURVE: 5° 07' 14.77"
TANGENT: 456.16'
LENGTH OF CURVE: 866.29'
RADIUS: 1118.89'
CURVE 3 DATA
WEST EDGE OF CUT
DELTA: 44° 21' 38.05"
DEGREE OF CURVE: 11° 27' 32.96"
TANGENT: 203.85'
LENGTH OF CURVE: 387.12'
RADIUS: 500'



**US Army Corps
of Engineers
District: CEMVN**

[illegible]

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Submitted: _____	Surveyed By: PW/LT _____
Recommended: _____ Chief, Survey Section		Picked By: BD _____	
Approved: _____ Chief, Waterways Maintenance Section		Checked By: AO/JH _____	

I.H.N.C. LOCK FOREBAY
LK_02_IHN_20260121_CS_3X3
21 January 2026

Sheet
Reference
Number
2 of 4

Revision Number:
5.25.08.04-5.25.08.04