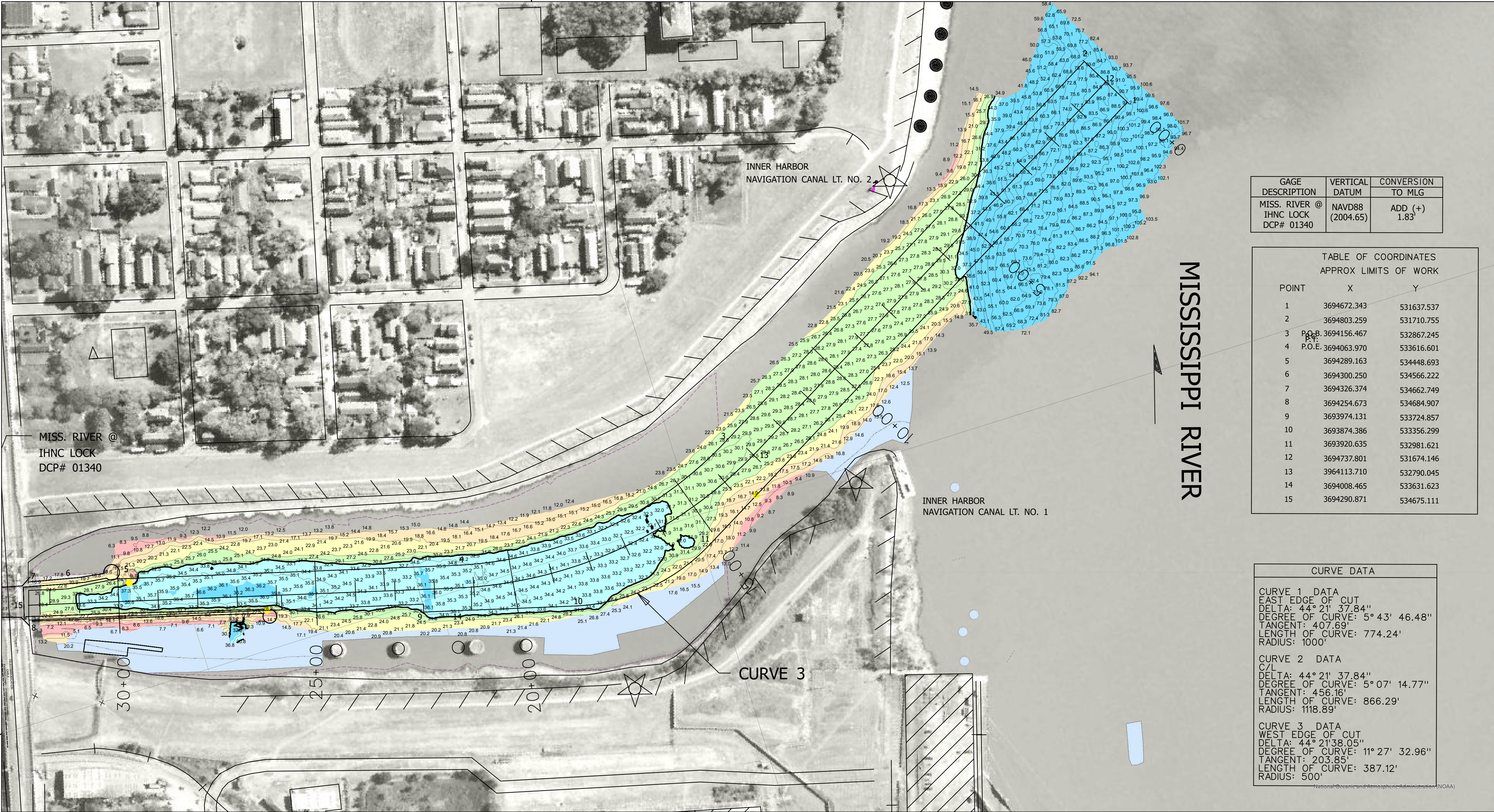




LEGEND

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Placement Area

□ Anchorage Area

⊗ Obstruction Point

✈ Wrecks-Submerged

□ Placement Area

● Shoalest Sounding**

☆ Beacon, General

◆ Red Navigation Buoy

◆ Green Navigation Buoy

■ -12' and above

■ -12' to -20'

■ -20' to -25'

■ -25' to -32'

■ -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 USACE crew.

2021 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.

LWRP:
Gage Reading:
Sea Conditions:
Vessel Name:
Survey Type:
Sounding Frequency***:

N/A
IHNC VRN: 11.31 MLG
CALM
OB 169
MB
400KHZ

0 200 400 600

Feet

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'	

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted	Reviewed	Chief Survey Section	Surveyed By: DRLT
			Plotted By: JH
			Checked By: JH

MISSISSIPPI RIVER DEEP-DRAFT LOCKS

I.H.N.C. LOCK FOREBAY

LK_02_IHN_20250612_CS_3X3

12 June 2025

Sheet
Reference
Number

2 of 4

Revision Number:
5.25.04.03-5.25.04.03



US Army Corps
of Engineers
District: CEMVN

DISCLAIMER: The data presented in this map is the result of data collected and processed for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, the data is not intended for use in any other manner or for any other purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

Data Contents: Hydrographic survey data is subject to change and is not intended for use in any other manner or for any other purpose. The data is not intended for use in any other manner or for any other purpose. The data is not intended for use in any other manner or for any other purpose.

The information depicted on this map represents the results of a survey and is not intended for use in any other manner or for any other purpose. The data is not intended for use in any other manner or for any other purpose.