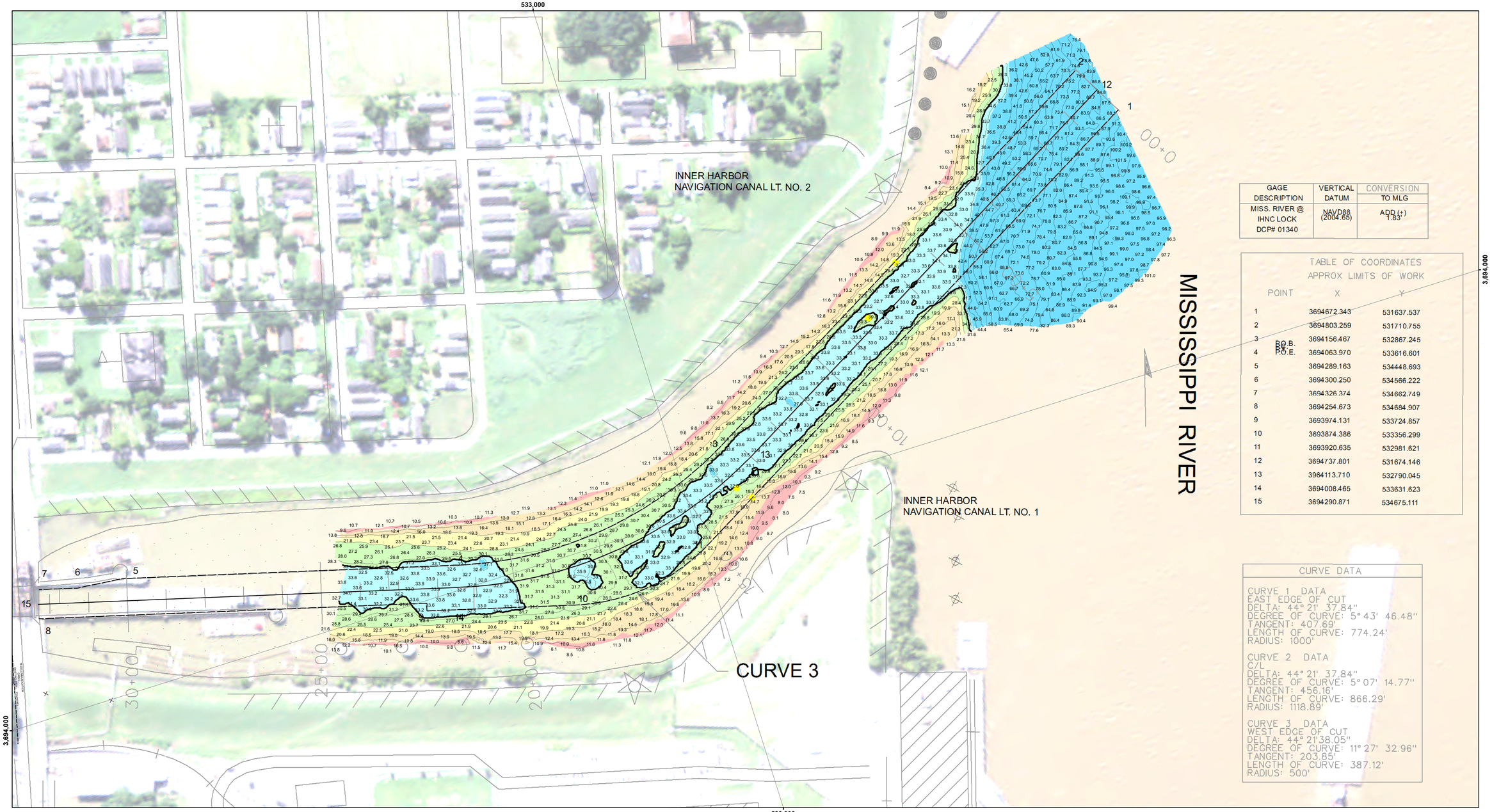


GAGE DESCRIPTION	VERTICAL DATUM	CONVERSION TO MLG
MISS. RIVER @ IHNC LOCK DCP# 01340	NAVD88 (2004.65)	ADD (+) 1.83'

TABLE OF COORDINATES
APPROX LIMITS OF WORK

POINT	X	Y
1	3694672.343	531637.537
2	3694803.259	531710.755
3	3694156.467	532867.245
4	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

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the US Coast Guard assumes them with the express understanding that they are subject to modification in content and format or withdrawal without any prior notice. All such information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. Except to the extent required by law, it is agreed that the recipient fully agrees not to represent these data to anyone as other than the most current information available and to impose the same caveat on any person to whom he furnishes these data or others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered as represent the general condition existing at that time.

Distribution Liability: The data represents the results of data collection, analysis, and processing performed by Corps of Engineers activity and indicates the general existing condition. As such, it is only valid for its intended use, content, time and accuracy of the data. Corps of Engineers assumes no responsibility for any of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change without notice due to natural or man-made events including storm activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the condition of the waterway that occur after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Project managers should ask why data is used.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

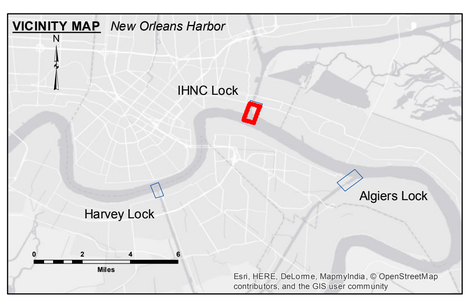
Submitted: Surveyed By: PM,SP
Recommended: Chief, Survey Section Plotted By: AO
Approved: Chief, Waterways Maintenance Section Checked By: AO

MISSISSIPPI RIVER DEEP-DRAFT LOCKS
I.H.N.C. LOCK FOREBAY
LK_02_IHN_20161208_5X5
08 December 2016

Sheet Reference Number
2 of 4

Revison Number:
3.8.0-20150202

VICINITY MAP *New Orleans Harbor*



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

LWRP:	N/A
Gage Reading:	IHNC: 3.96 MLG
Sea Conditions:	CALM
Vessel Name:	M/V OB-169
Survey Type:	CONDITION, VRS
Sounding Frequency***:	400KHZ

Feet
0 200 400 600

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.