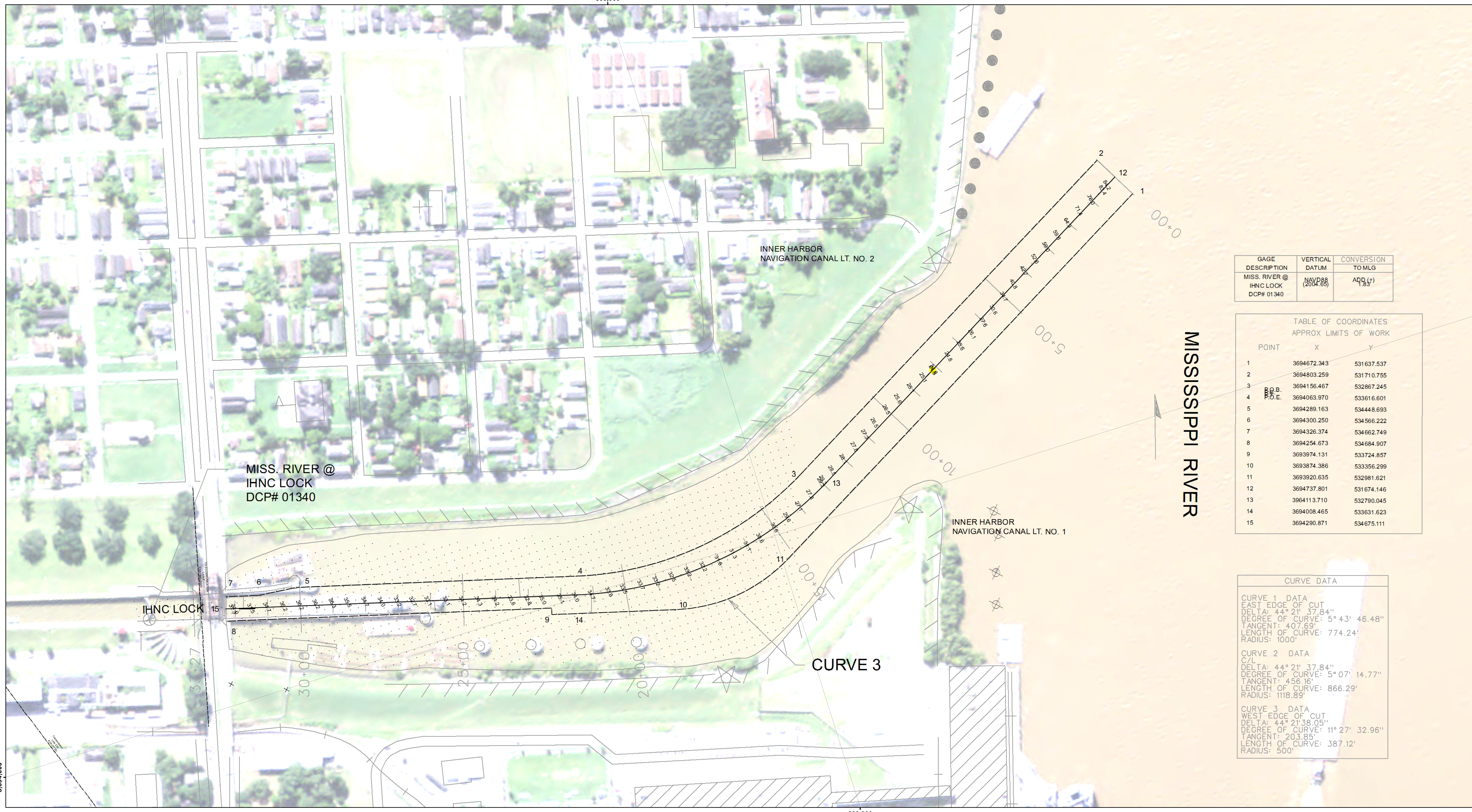


GAGE DESCRIPTION	VERTICAL DATUM	CONVERSION TO MLG
MISS. RIVER @ IHNC LOCK DCP# 01340	NAVD88 (2004.65)	ADD (+) 1.83'

TABLE OF COORDINATES
APPROX LIMITS OF WORK

POINT		X	Y
1		3694672.343	531637.537
2		3694803.259	531710.755
3	B.O.B.	3694156.467	532867.245
4	P.C. P.T. 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

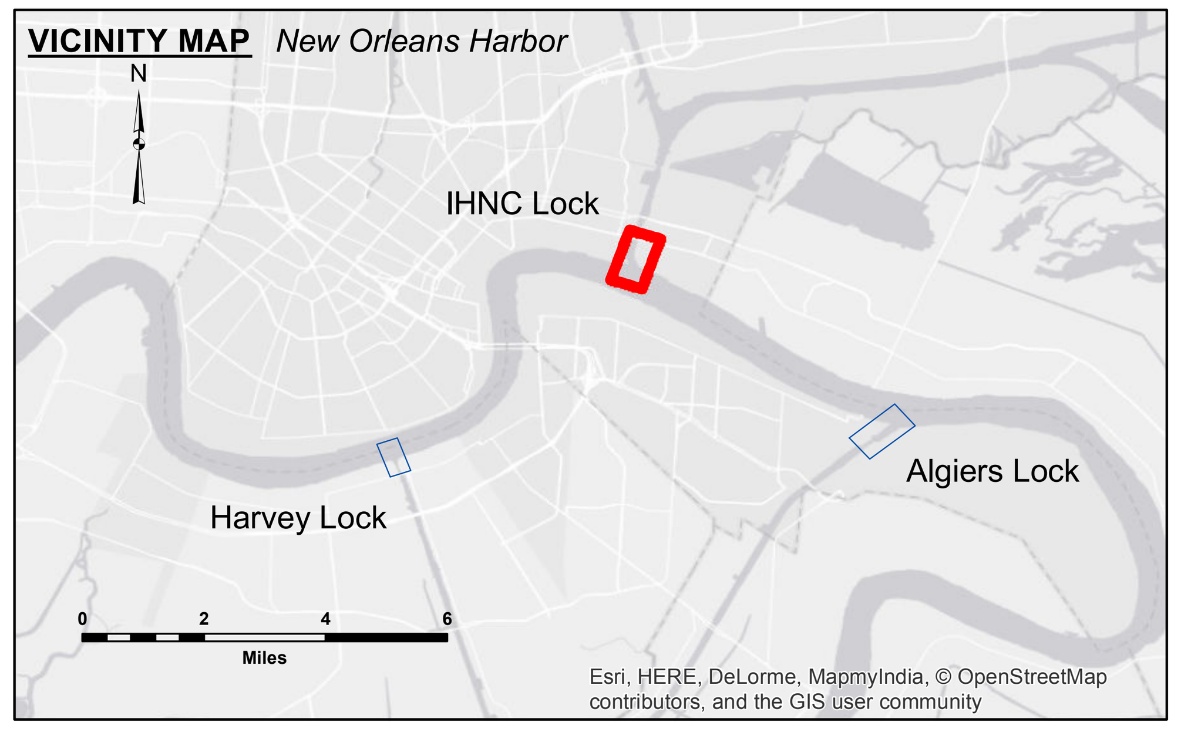
CURVE DATA

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'

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

Feet
0 200 400 600 800

LWRP:	N/A
Gage Reading:	IHNC LOCK FB: 14.50 MLG
Sea Conditions:	CALM
Vessel Name:	OB-167
Survey Crew:	DR, JA
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.

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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

US Army Corps of Engineers
District: CEMVN

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: DR, JA
Plotted By: BTD
Checked By: RM

Submitted:
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

MISSISSIPPI RIVER DEEP-DRAFT LOCKS
I.H.N.C. LOCK FOREBAY
LK_02_IHNX_20160322
22 March 2016

Sheet Reference Number
2 of 4

Revision Number:
3.8.0-20150202