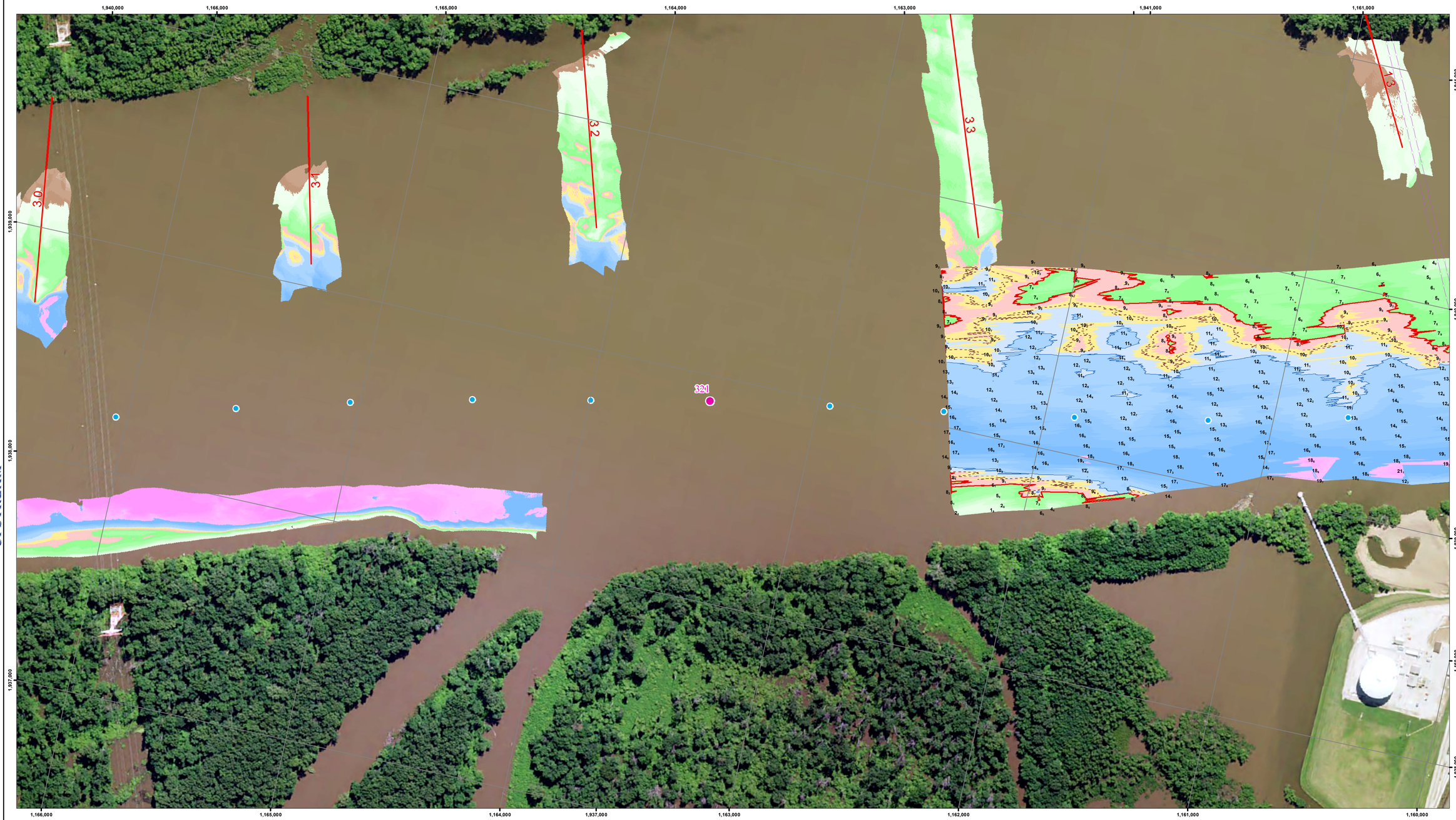
UPSTREAM



DOWNSTREAM

NOTES:

Survey Date: August 4, 2015

Conducted by: Matt M, Cory B, Lee S

Survey Vessel: MV Hinds

Flat Pool: 459.5

Water Surface: 464.3

Stage: +4.8

Upstream Gage: Lock 21 Tail RM 324.9

Downstream Gage: NE MO Power RM 320.0

Processed in ArcGIS by: John Hayes 8/7/2015

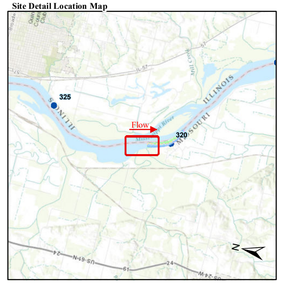
Document Name: UM_24_UMR_20150807_3

Horizontal Projection: State Plane, NAD 1983 Illinois West - 1202, U.S. Survey Feet
Vertical Datum: MSL 1912 U.S. Survey Feet.

Imagery: 2014 USDA NAIP

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

Site Detail Location Map



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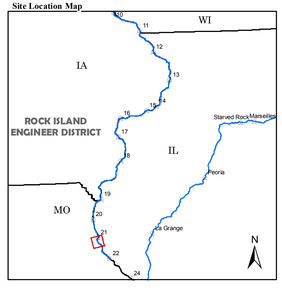


Depth (Ft)

-10'
0'
5'
10'
15'
20'
30'
50'

River Mile
- Mile
- Tenth

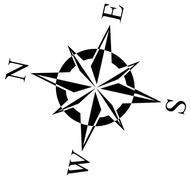
River Features
- Wing Dam Location

Lights
- Green
- Red
- White
- Yellow

Daybeacon
- NR: Rhombus, Red and White
- NG: Rhombus, Green and White
- SG: Square, Green
- TR: Triangle, Red

Lateral Buoys
- Green
- Red

Caution Areas
- Submerged Pipeline
- Submerged Pipe Area
- Submerged Cable
- Submerged Cable Area



US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 22
REACH: NE Missouri Power Upper
REACH MILES: 320.4 to 321.6
SURVEY TYPE: CONDITION

1 " = 200 '

0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 319.3-320.8

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved

Points represent shallowest depth value derived from 49 foot grid.
Map Document Grid is 1000' x 1000'.

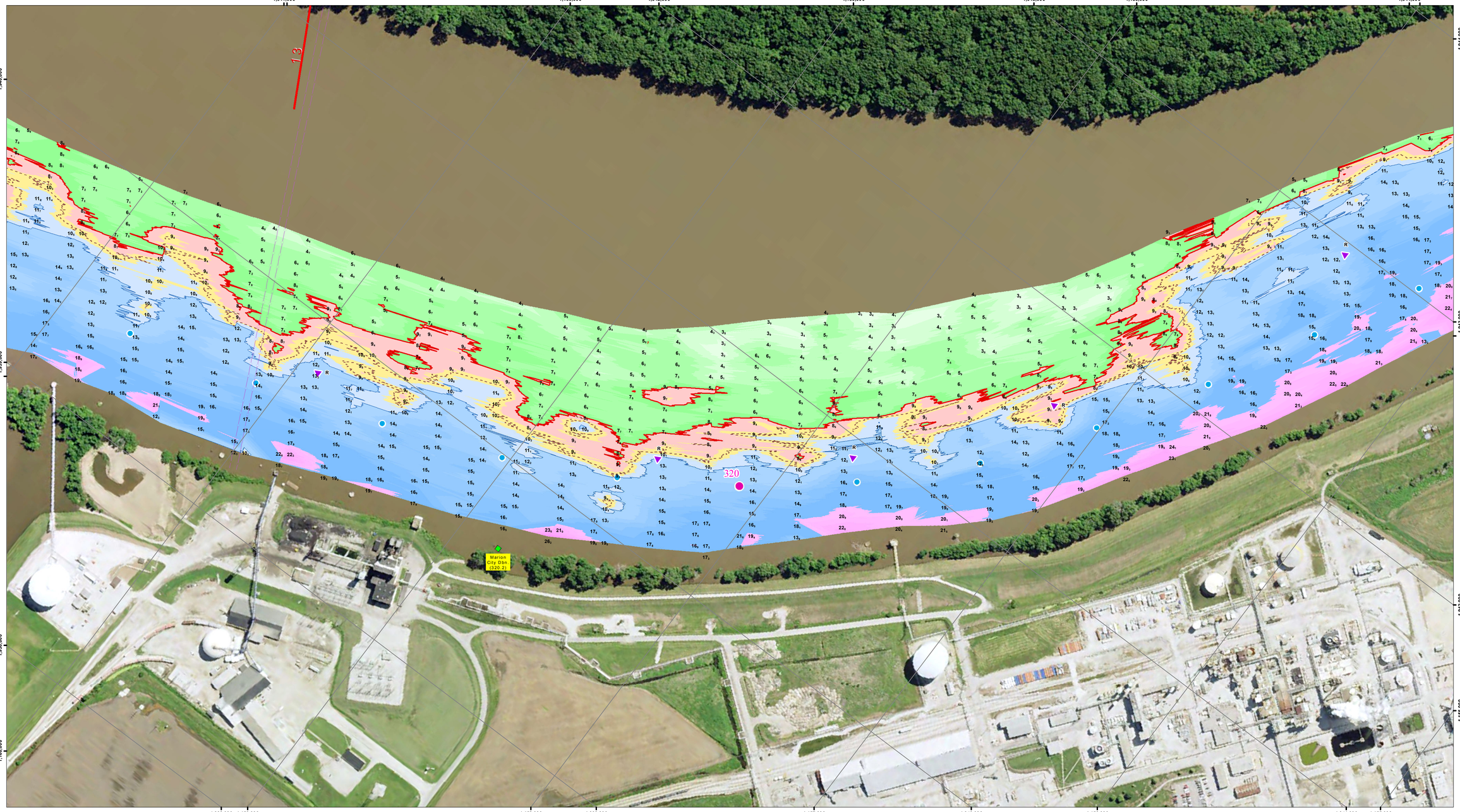
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:
Drawn By:
Checked By:
Reviewed By:

Date: 8/7/2015
File No.
I.S.O. Sheet File Name:
Solicitation Number:

Sheet Reference Number 1 of 1

UPSTREAM



DOWNSTREAM

US Army Corps of Engineers
Rock Island District

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:	Date: 8/7/2015
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
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Sheet Reference Number 1 of 1

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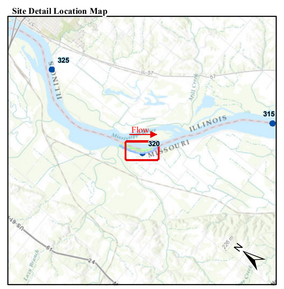
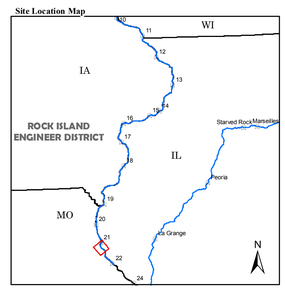


Site Location Map



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N E S W

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CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 22
REACH: NE Missouri Power Lower
REACH MILES: 319.4 to 320.6
SURVEY TYPE: CONDITION

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