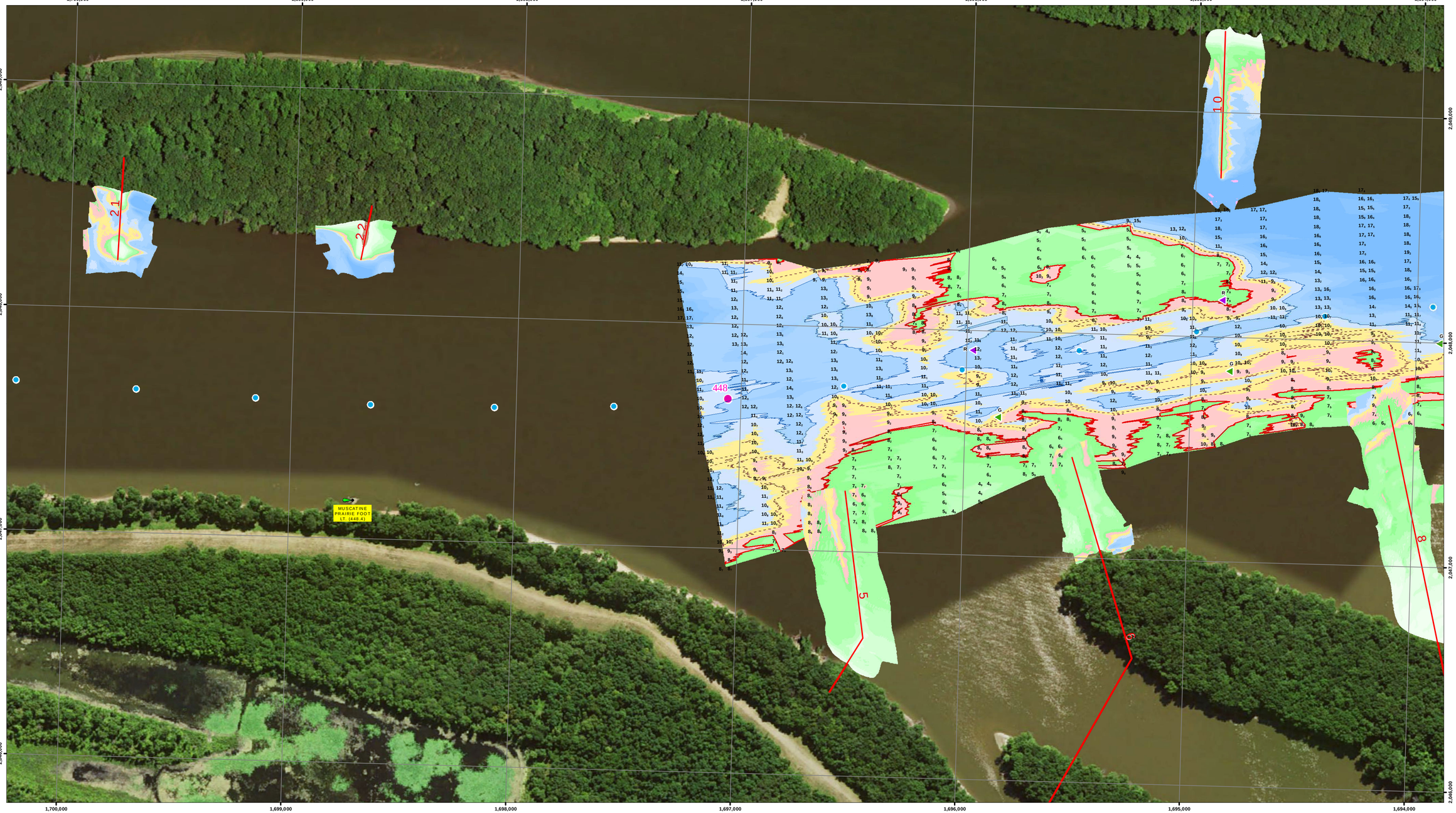
UPSTREAM



DOWNSTREAM

NOTES:

Survey Date: May 18, 2016

Conducted by: Kenny B, Cory B

Survey Vessel: MV Hinds

Flat Pool: 536

Water Surface: 539.9

Stage: +3.9

Upstream Gage: Muscatine RM 455.2

Downstream Gage: Lock 17 Pool RM 437.1

Processed in ArcGIS by: Dan M 5/20/2016

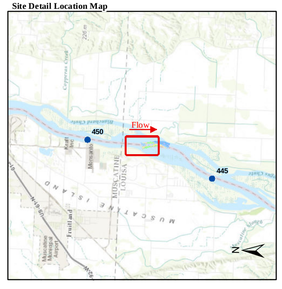
Document Name: UM_24_UMR_20160518_17_44704480_16A

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

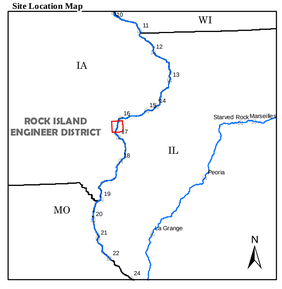
Imagery: 2015 USDA NAIP

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



Site Location Map



Depth (Ft)

-10'
0'
9'
10'
11'
20'
30'
50'

River Mile
- Mile
- Tenth

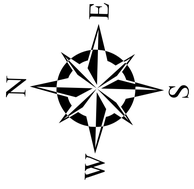
River Features
- Wing Dam Location

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: 17
REACH: Bass Island to Blanchard Island Lower
REACH MILES: 447.4 to 448.6
SURVEY TYPE: CONDITION

1 " = 200 '

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

SURVEYED RIVER MILES: 447.0-448.0

US Army Corps of Engineers Rock Island District

Symbol	Description	Date	Approved

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

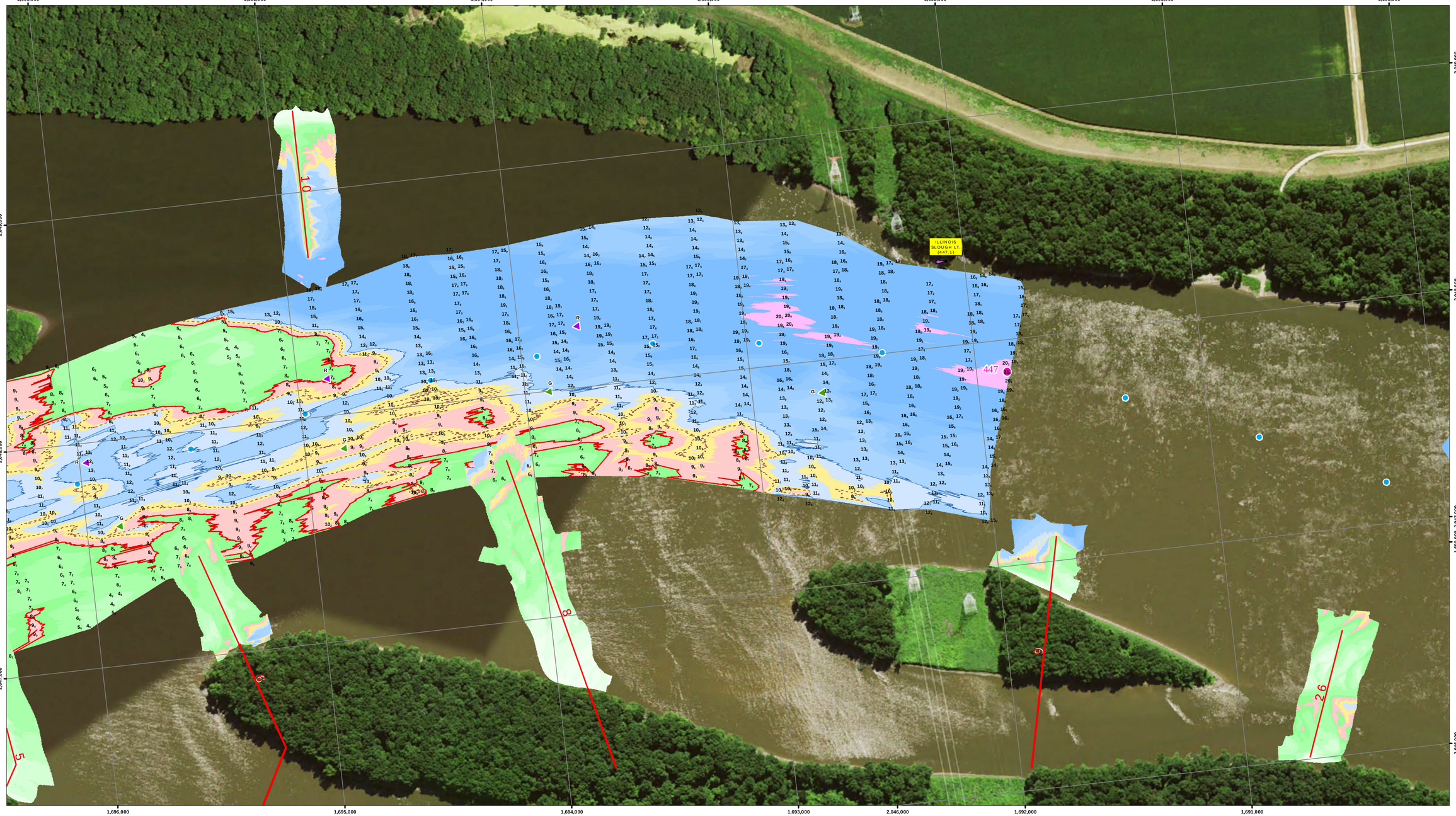
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

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

Date: 5/20/2016
File No.
I.S.O. Sheet File Name:
Solicitation Number:

Sheet Reference Number
158 of 301

UPSTREAM



DOWNSTREAM

US Army Corps of Engineers
Rock Island District

Points represent shallowest depth value derived from 40 foot grid.

Map Document Grid is 1000' x 1000'.

Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

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

Date: 5/20/2016
File No.
I.S.O. Sheet File Name:
Solicitation Number:

Sheet Reference Number
159 of 301

NOTES:

Survey Date: May 18, 2016
Conducted by: Kenny B, Cory B

Survey Vessel: MV Hinds
Flat Pool: 536
Water Surface: 539.9
Stage: +3.9
Upstream Gage: Muscatine RM 455.2
Downstream Gage: Lock 17 Pool RM 437.1

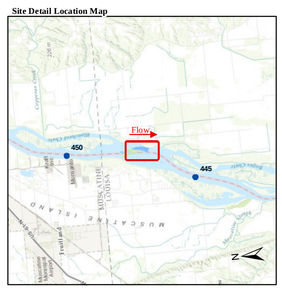
Processed in ArcGIS by: Dan M 5/20/2016
Document Name: UM_24_UMR_20160518_17_44704480_16A

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

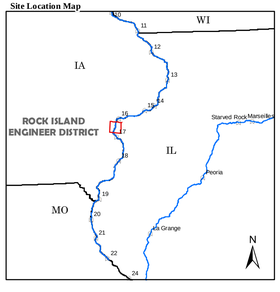
Imagery: 2015 USDA NAIP

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



Site Location Map



Depth (Ft)

-10'
0'
9'
10'
11'
20'
30'
50'

River Mile
- Mile
- Tenth

River Features
- Wing Dam Location

Lights
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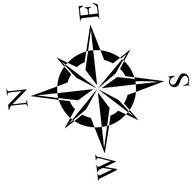

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 17
REACH: Bass Island
REACH MILES: 446.7 to 447.8
SURVEY TYPE: CONDITION

1 " = 200 '

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

SURVEYED RIVER MILES: 447.0-448.0