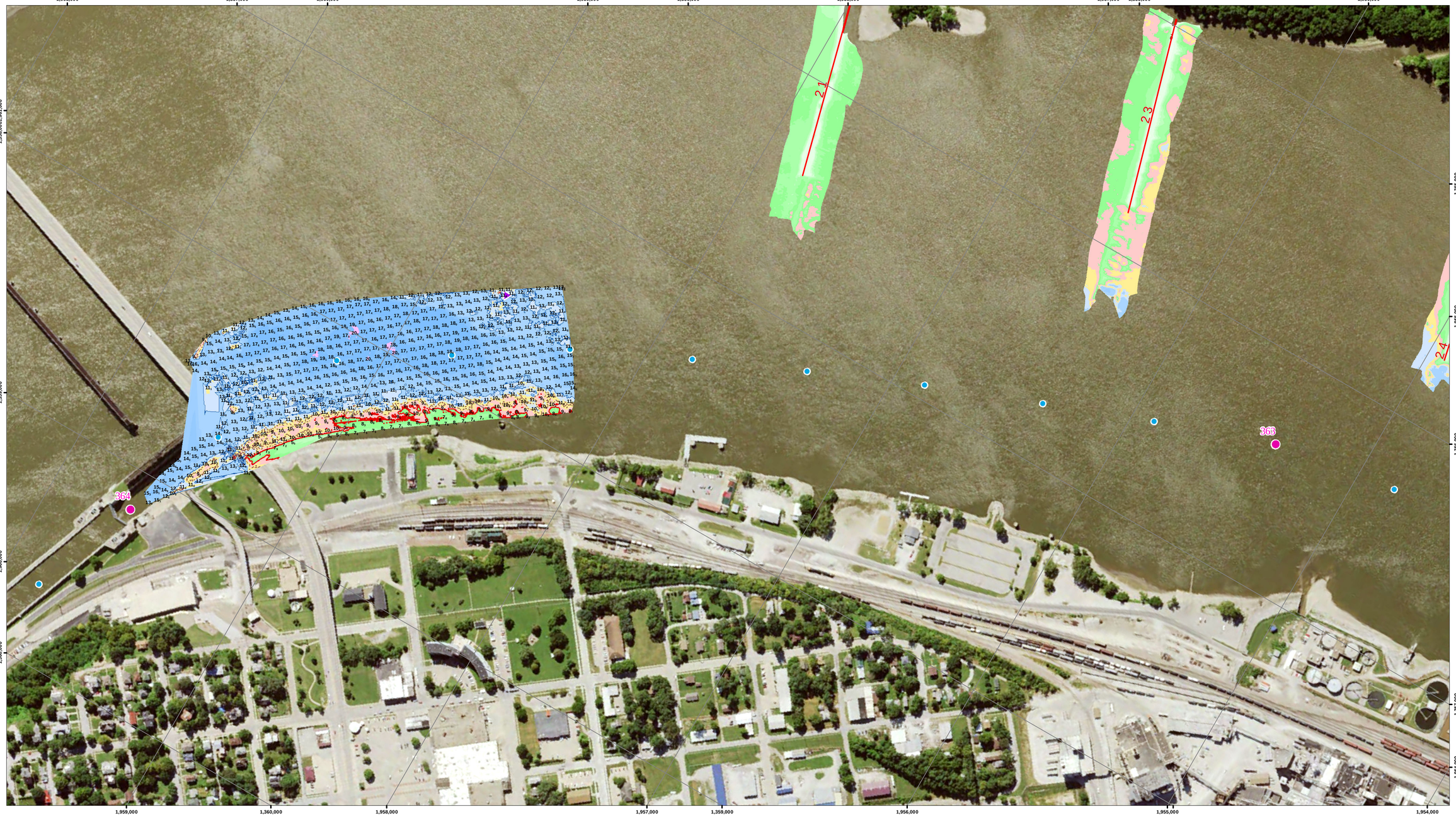
UPSTREAM



DOWNSTREAM

NOTES:

Survey Date: June 2, 2016

Conducted by: Kenny B, Cory B

Survey Vessel: MV Hinds

Flat Pool: 480

Water Surface: 485.1

Stage: +5.1

Upstream Gage: Lock 19 Tail RM 364.3

Downstream Gage: NA

Processed in ArcGIS by: Missi B 6/3/2016

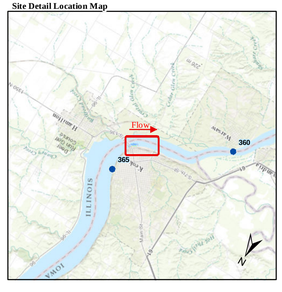
Document Name: UM_24_UMR_20160602_20_36363640_16A

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

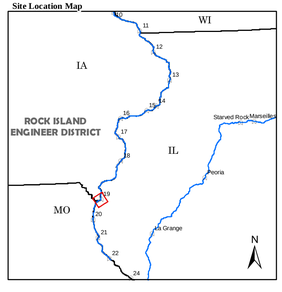
Imagery: 2015 USDA NAIP

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'
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: 20
REACH: Lock and Dam 19 Lower
REACH MILES: 362.9 to 364.1
SURVEY TYPE: CONDITION

1 " = 200 '

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

SURVEYED RIVER MILES: 363.6-364.0

US Army Corps of Engineers Rock Island District

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

Symbol	Description	Date	Approved

Designed By:
Drawn By:
Checked By:
Reviewed By:
Date: 6/3/2016
File No.
I.S.O. Sheet File Name:
Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
239 of 301