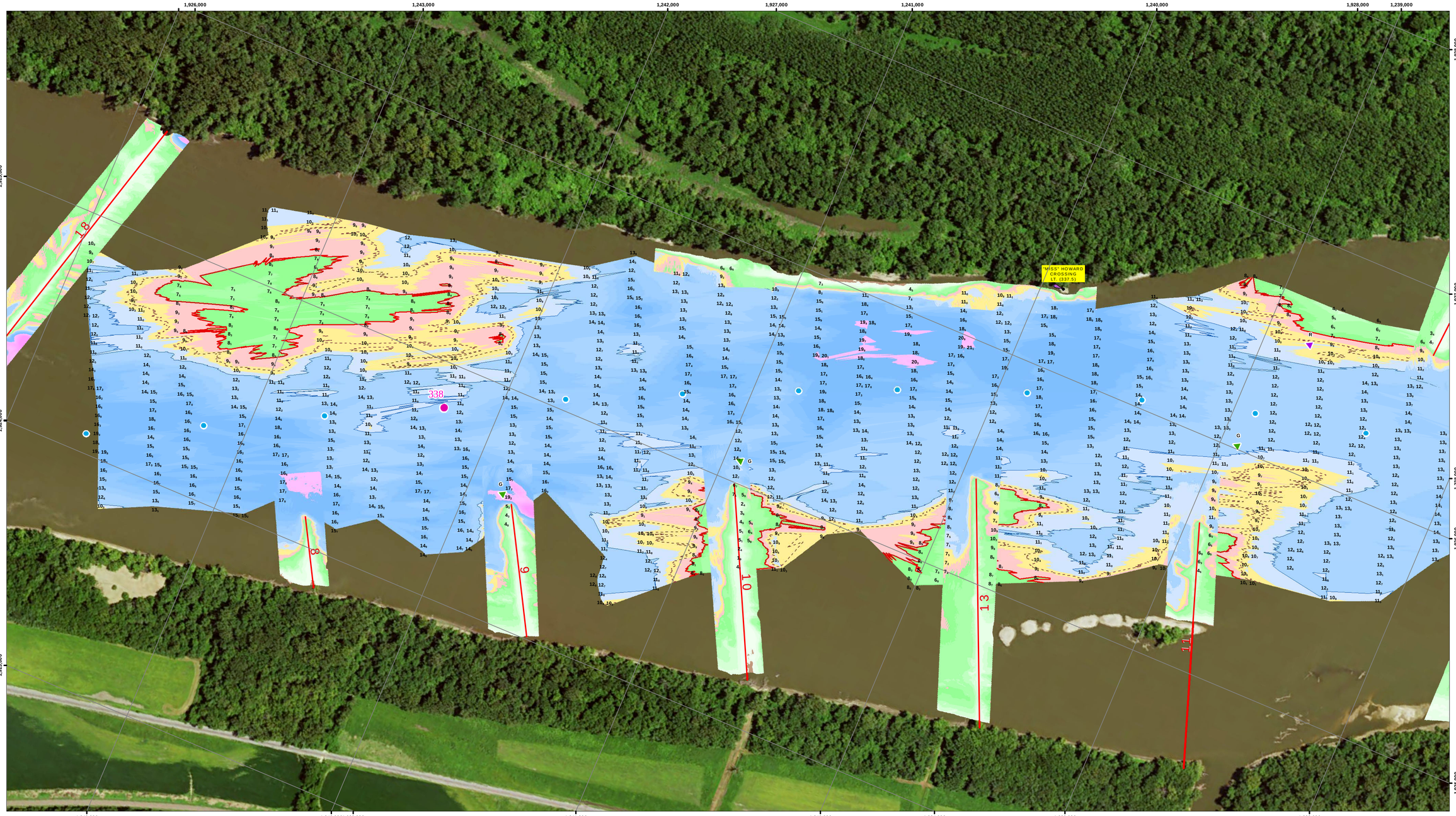
UPSTREAM



UPSTREAM

DOWNSTREAM

NOTES:

Survey Date: June 15, 2016

Conducted by: Steve G, Lee S

Survey Vessel: Launch Coot

Flat Pool: 470

Water Surface: 476.4

Stage: +6.4

Upstream Gage: Lock 20 Tail RM 343.2

Downstream Gage: Lagrange RM 336.0

Processed in ArcGIS by: Missi B 6/17/2016

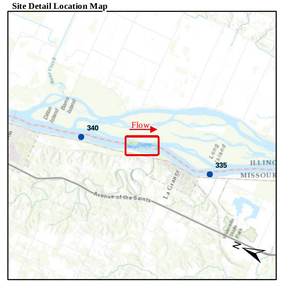
Document Name: UM_24_UMR_20160615_21_33713383_16B

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



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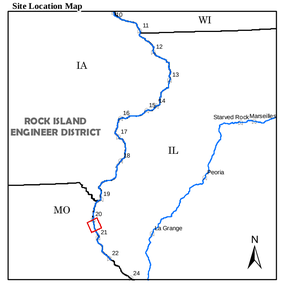


Depth (Ft)

-10'
0'
5'
10'
11'
12'
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

N E S W

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T

WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 21
REACH: Howards Crossing
REACH MILES: 337.1 to 338.3
SURVEY TYPE: CONDITION

1 " = 200 '

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

SURVEYED RIVER MILES: 3371.-338.3

US Army Corps
of Engineers
Rock Island District

Symbol	Description	Date	Approved

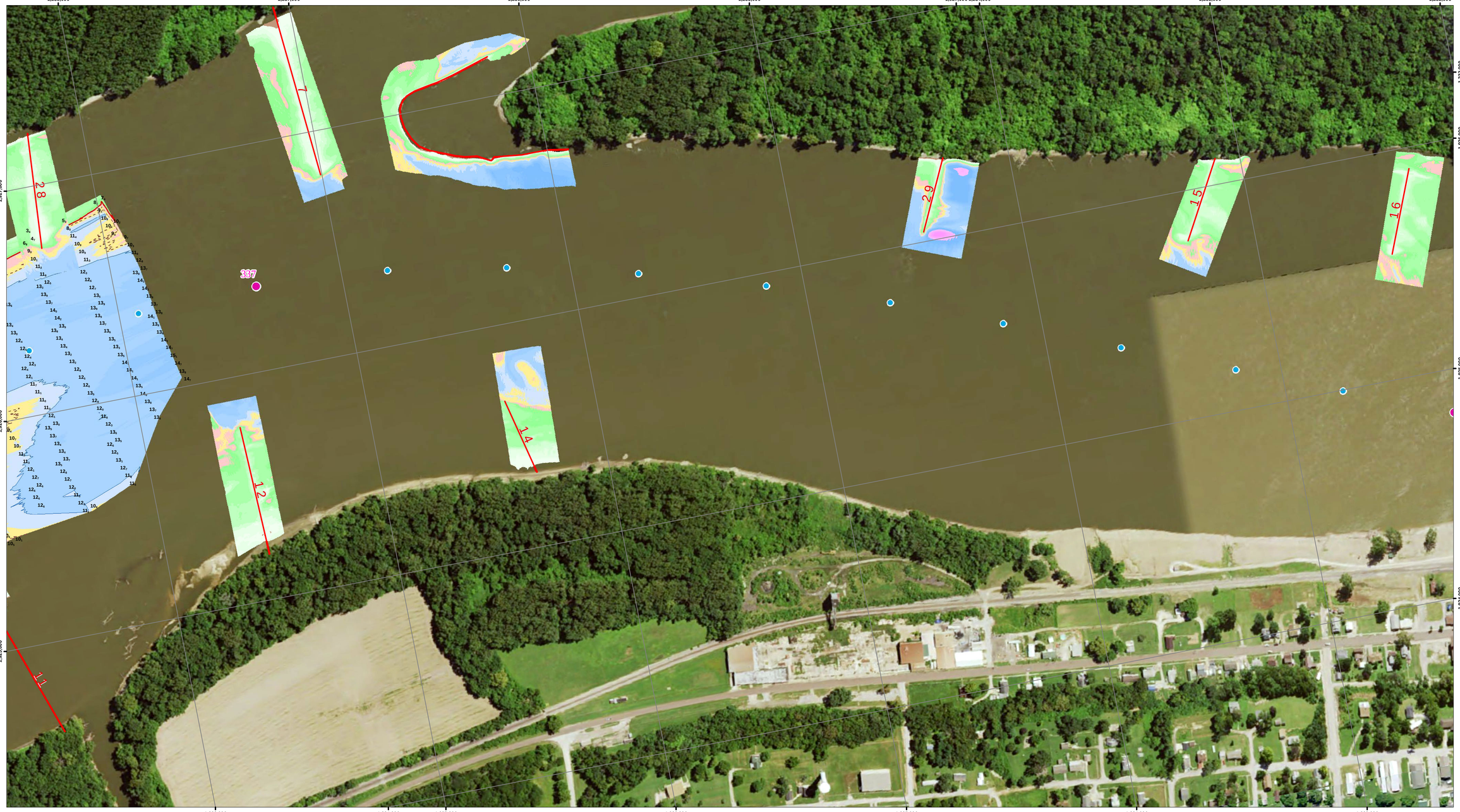
Points represent shallowest depth value derived from 49foot grid.
Map Document Grid is 1000' x 1000'.

Date: 6/17/2016	
File No.	
L.S.O. Sheet File Name:	
Solicitation Number:	
Designed By:	
Drawn By:	
Checked By:	
Reviewed By:	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet
Reference
Number
264 of 301

UPSTREAM



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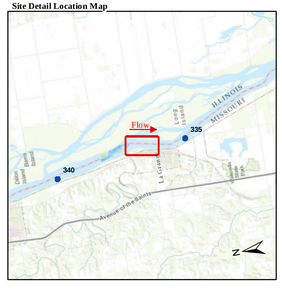

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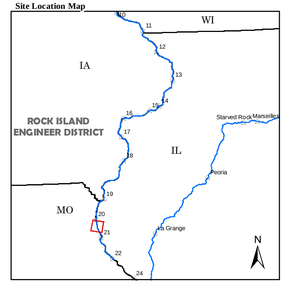

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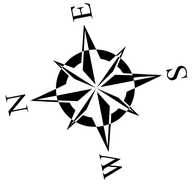

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

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265 of 301