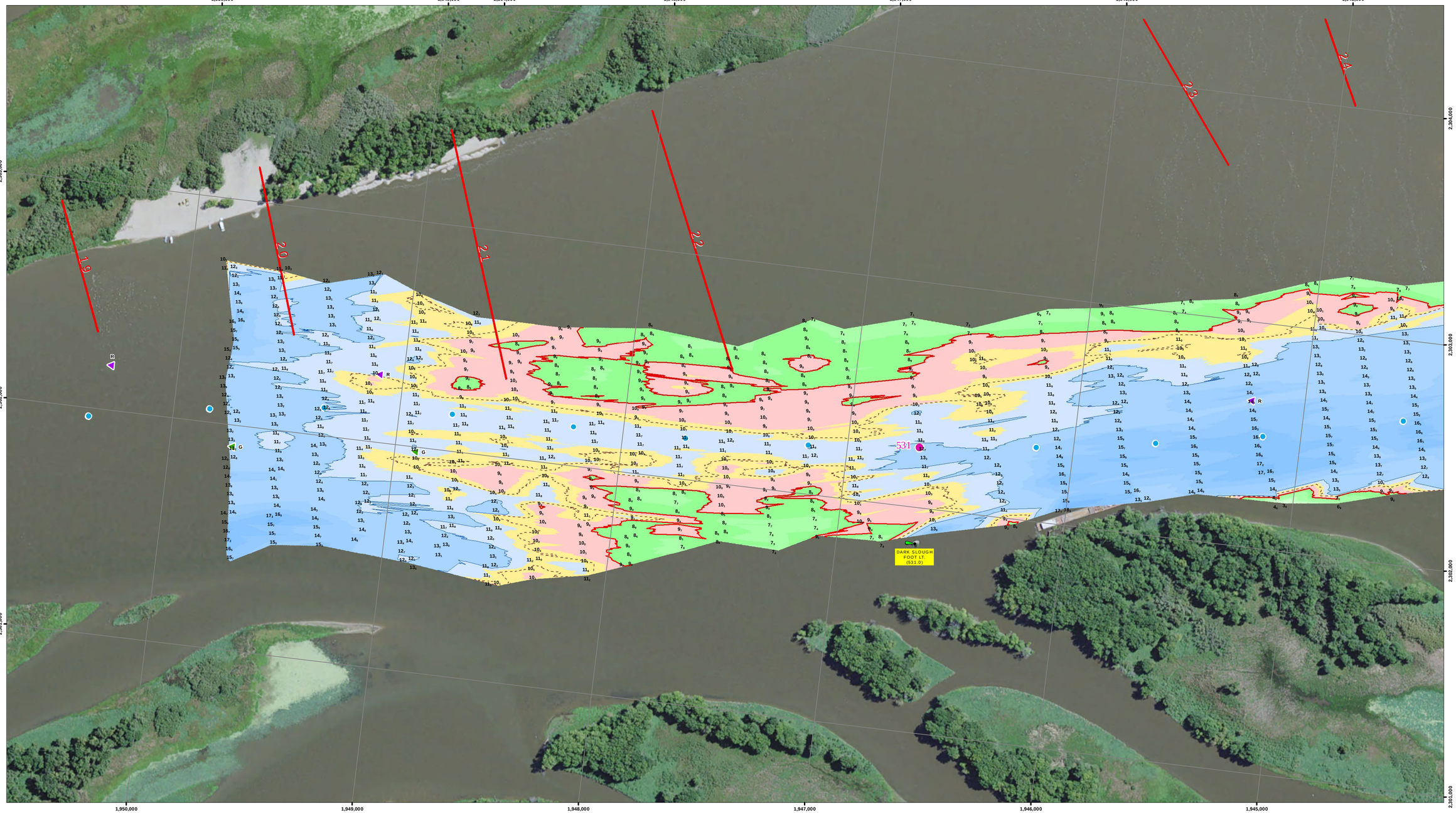
UPSTREAM



DOWNSTREAM

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: 4/7/2015
File No.
I.S.O. Sheet File Name:
Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number 1 of 1

NOTES:

Survey Date: April 06, 2015
Conducted by: Chris R, Karl S

Survey Vessel: Launch Coot
Flat Pool: 583
Water Surface: 583.2
Stage: +0.2
Upstream Gage: Sabula RR Bridge RM 535.0
Downstream Gage: Lock 13 Pool RM 522.5

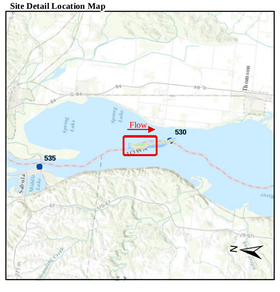
Processed in ArcGIS by: John Hayes 4/7/2015
Document Name: UM_24_UMR_20150407

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

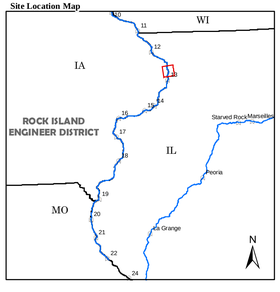
Imagery: 2014 USDA NAIP

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



Site Location Map



Depth (Ft)

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

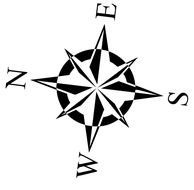
River Mile
- Mile
- Tenth

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



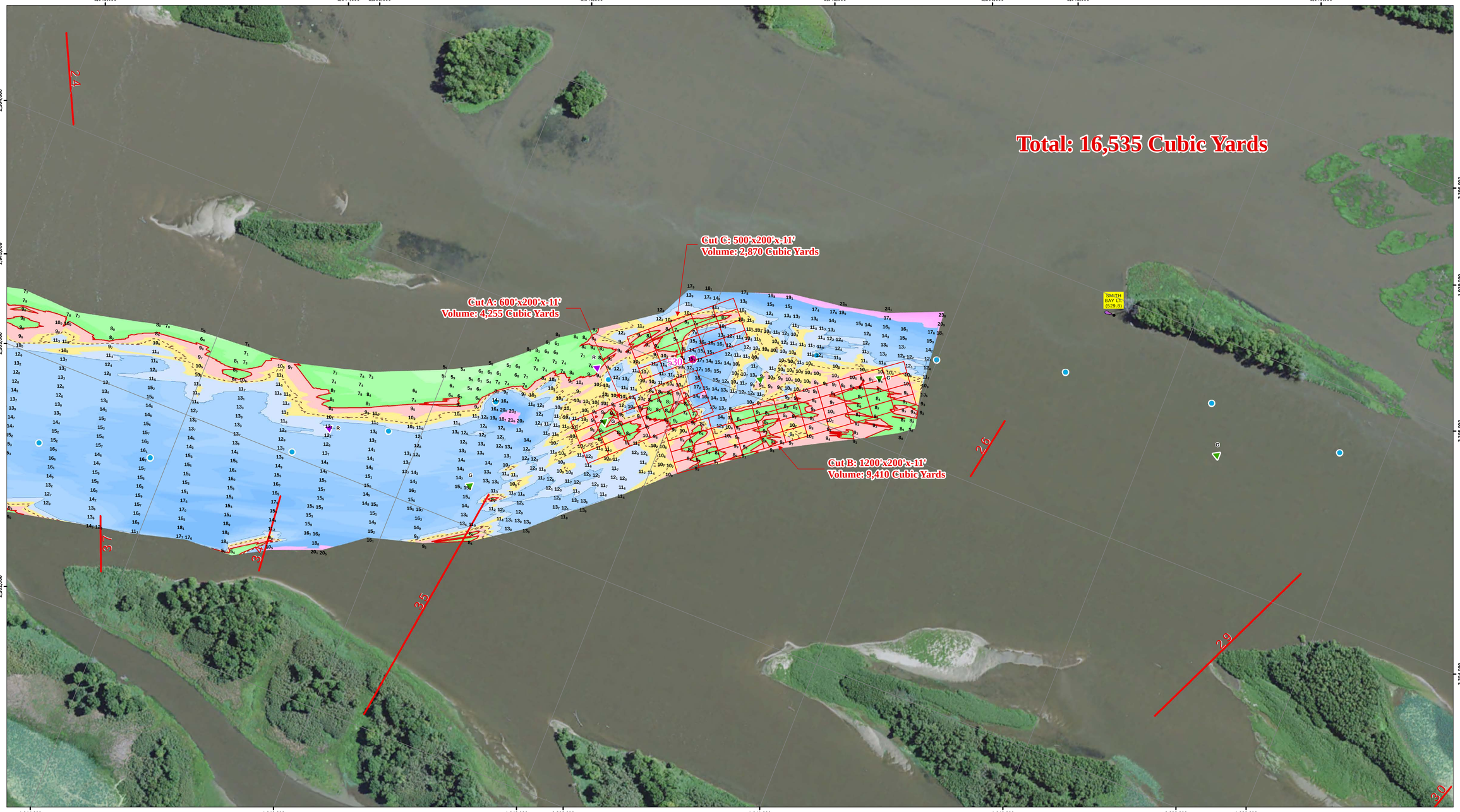
US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 13
REACH: Smith Bay
REACH MILES: 530.6 to 531.7
SURVEY TYPE: Pre-Dredge

1 " = 200 '
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 529.8-531.8

UPSTREAM

DOWNSTREAM



US Army Corps of Engineers
Rock Island District

Points represent shallowest depth value derived from 40foot grid.
Map Document Grid is 1000' x 1000'.

Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:	Date: 4/7/2015
Drawn By:	File No.
Checked By:	LS O. Sheet File Name:
Reviewed By:	Solicitation Number:

Sheet Reference Number 1 of 1

NOTES:

Survey Date: April 06, 2015
Conducted by: Chris R, Karl S

Survey Vessel: Launch Coot
Flat Pool: 583
Water Surface: 583.2
Stage: +0.2
Upstream Gage: Sabula RR Bridge RM 535.0
Downstream Gage: Lock 13 Pool RM 522.5

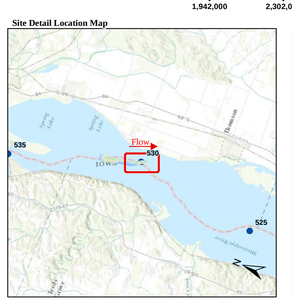
Processed in ArcGIS by: John Hayes 4/7/2015
Document Name: MVRUM13_52985318_15B_DRG

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

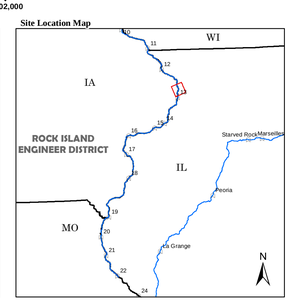
Imagery: 2014 USDA NAIP

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



Site Location Map



Depth (Ft)

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

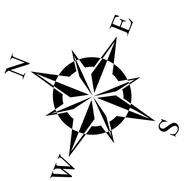
River Mile
- Mile
- Tenth

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



US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 13
REACH: Elk River to Smith Bay
REACH MILES: 529.4 to 530.6
SURVEY TYPE: Pre-Dredge

1 " = 200 '
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 529.8-531.8