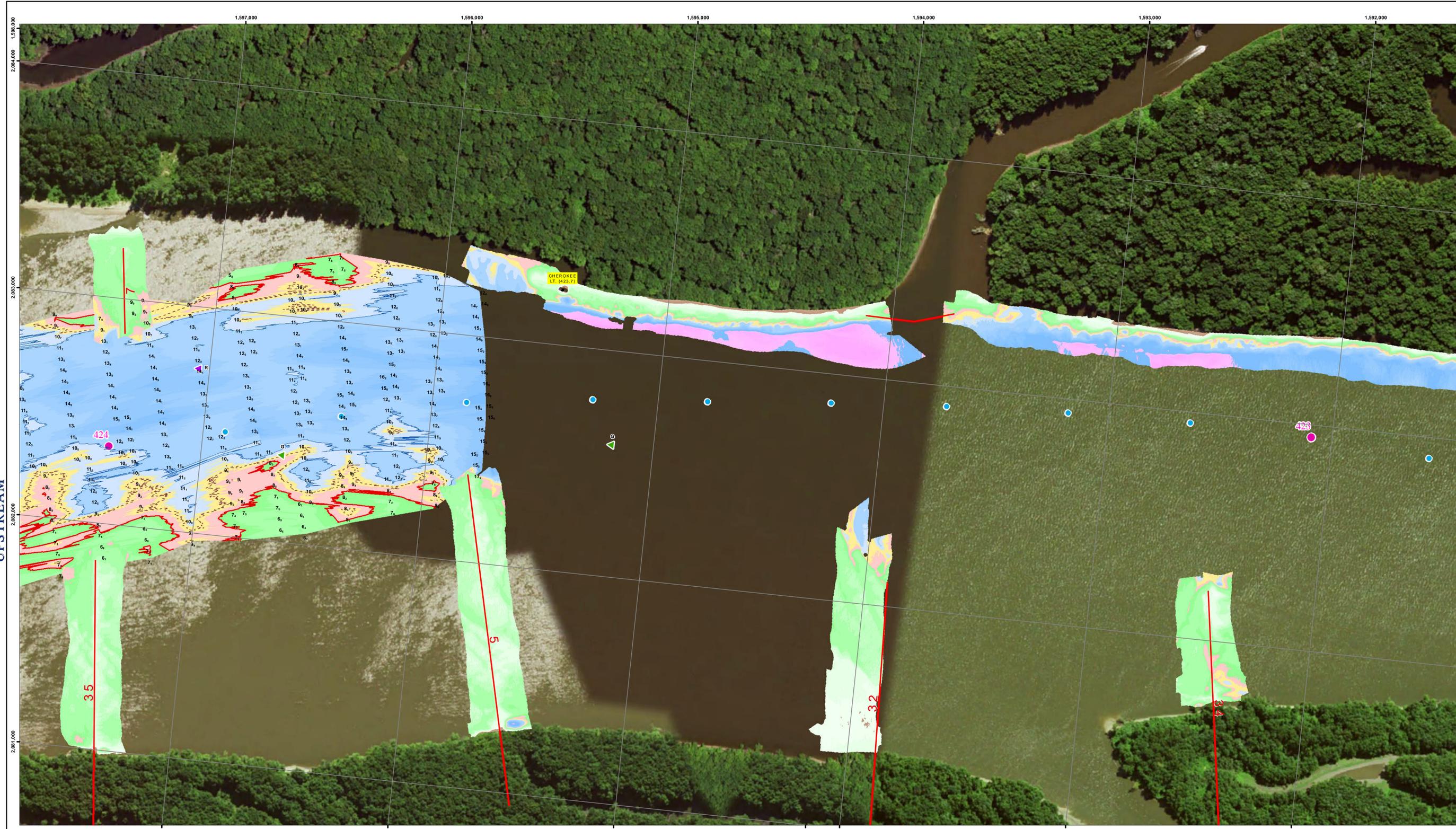




| Symbol | Description | Date | Approved |
|--------|-------------|------|----------|
| | | | |
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| | | |
|---|--------------|-------------------------|
| U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS | Designed By: | Date: 9/22/2016 |
| | Drawn By: | File No. |
| | Checked By: | I.S.O. Sheet File Name: |
| | Reviewed By: | Specification Number: |

Sheet
Reference
Number
182 of 301

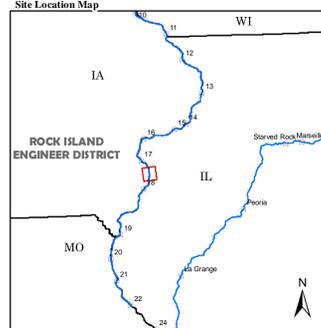


NOTES:
 Survey Date: August 31, 2016
 Conducted by: Cory B, Rick A, Steve G

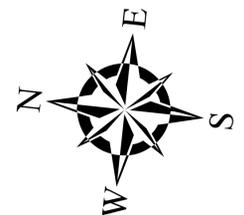
 Survey Vessel: MV Hinds
 Flat Pool: 528
 Water Surface: 536.2
 Stage: +8.2
 Upstream Gage: Keithsburg RM 427.7
 Downstream Gage: Oquawka RM 415.2

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

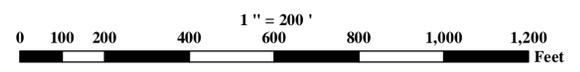
The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.



- Depth (Ft)**
 - 10'
 - 0'
 - 1'
 - 2'
 - 3'
 - 4'
 - 5'
 - 6'
 - 7'
 - 8'
 - 9'
 - 10'
 - 11'
 - 12'
 - 13'
 - 14'
 - 15'
 - 16'
 - 17'
 - 18'
 - 19'
 - 20'
 - 21'
 - 22'
 - 23'
 - 24'
 - 25'
 - 26'
 - 27'
 - 28'
 - 29'
 - 30'
 - 31'
 - 32'
 - 33'
 - 34'
 - 35'
 - 36'
 - 37'
 - 38'
 - 39'
 - 40'
 - 41'
 - 42'
 - 43'
 - 44'
 - 45'
 - 46'
 - 47'
 - 48'
 - 49'
 - 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: 18
 REACH: Johnson Island Upper to Cherokee
 REACH MILES: 422.9 to 424
 SURVEY TYPE: Condition**



SURVEYED RIVER MILES: 423.7-425.0

UPSTREAM
DOWNSTREAM