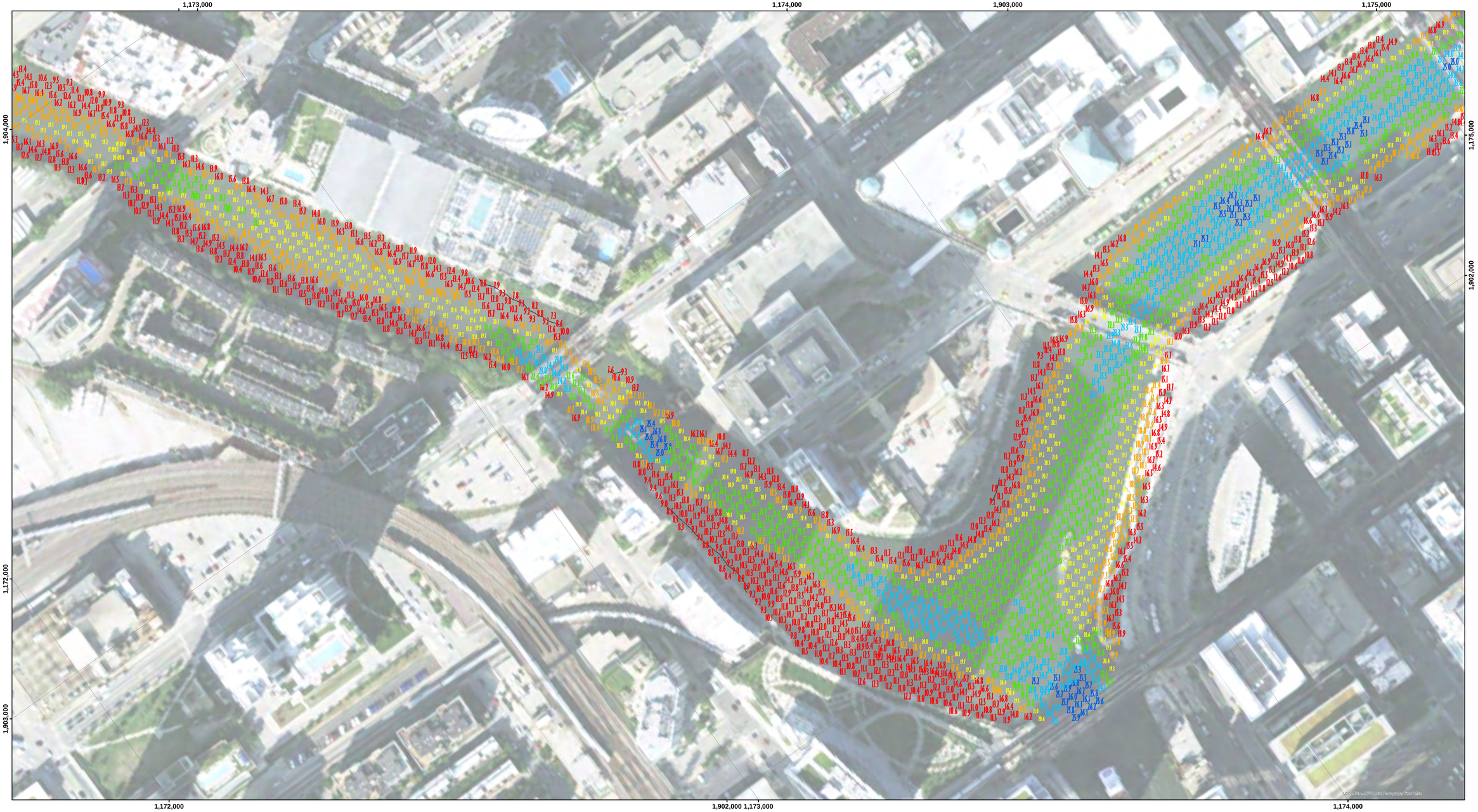

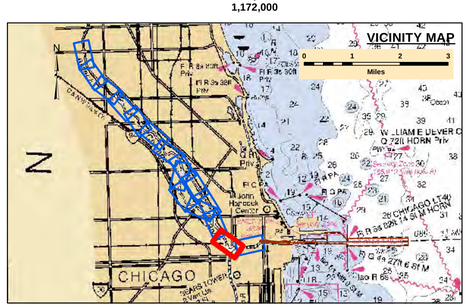

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

4+ Feet Above Authorized Channel Depth
2-4 Feet Above Authorized Channel Depth
0-2 Feet Above Authorized Channel Depth
0-2 Feet Below Authorized Channel Depth
2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

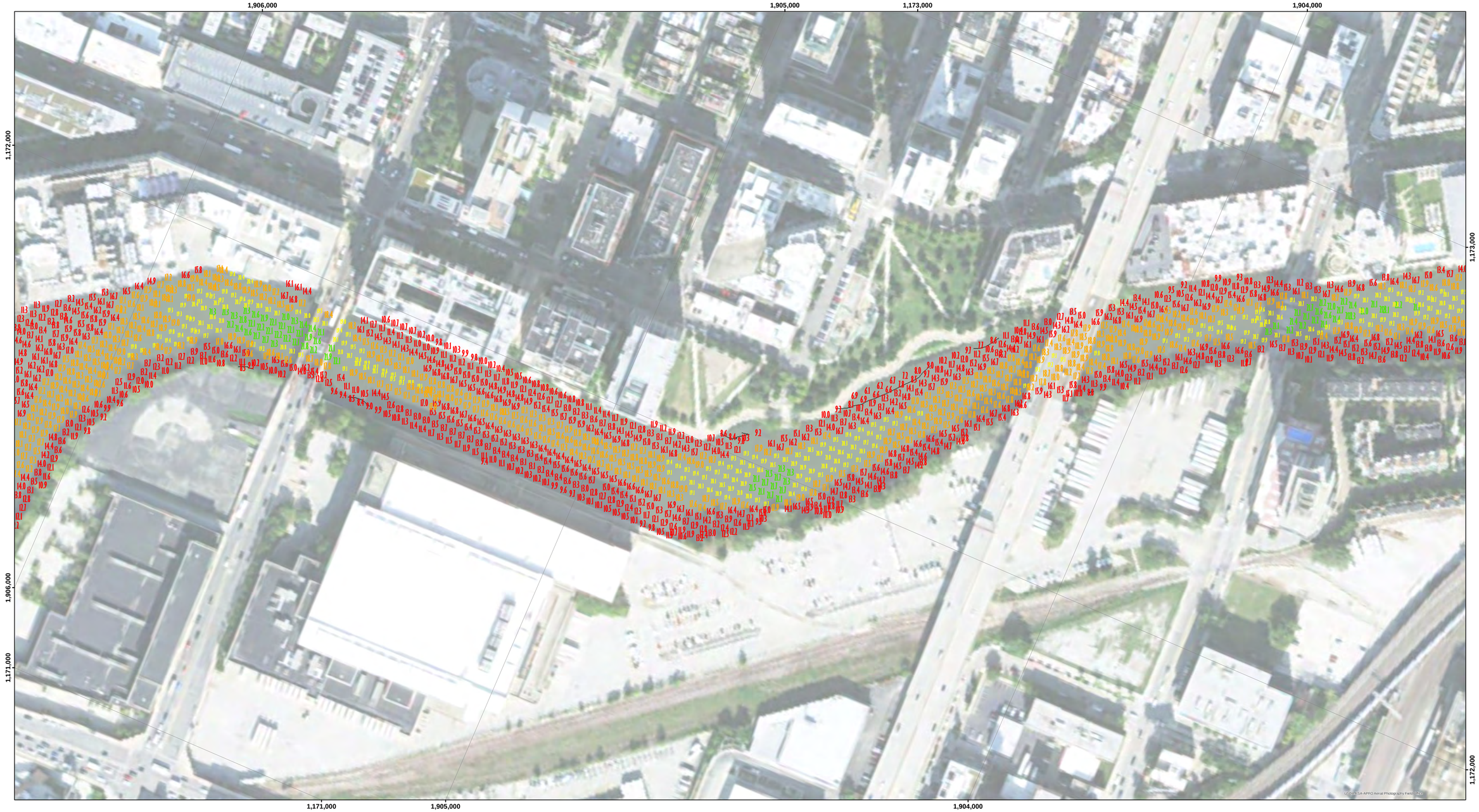
CHICAGO RIVER

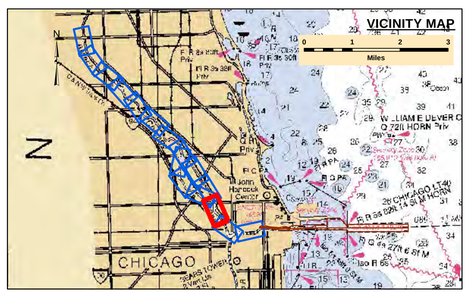
LC_11_CHR_20140404_CS_20

04 April 2014

Sheet Reference Number
2 of 16

Revison Number:
3.14-20170731





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
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2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

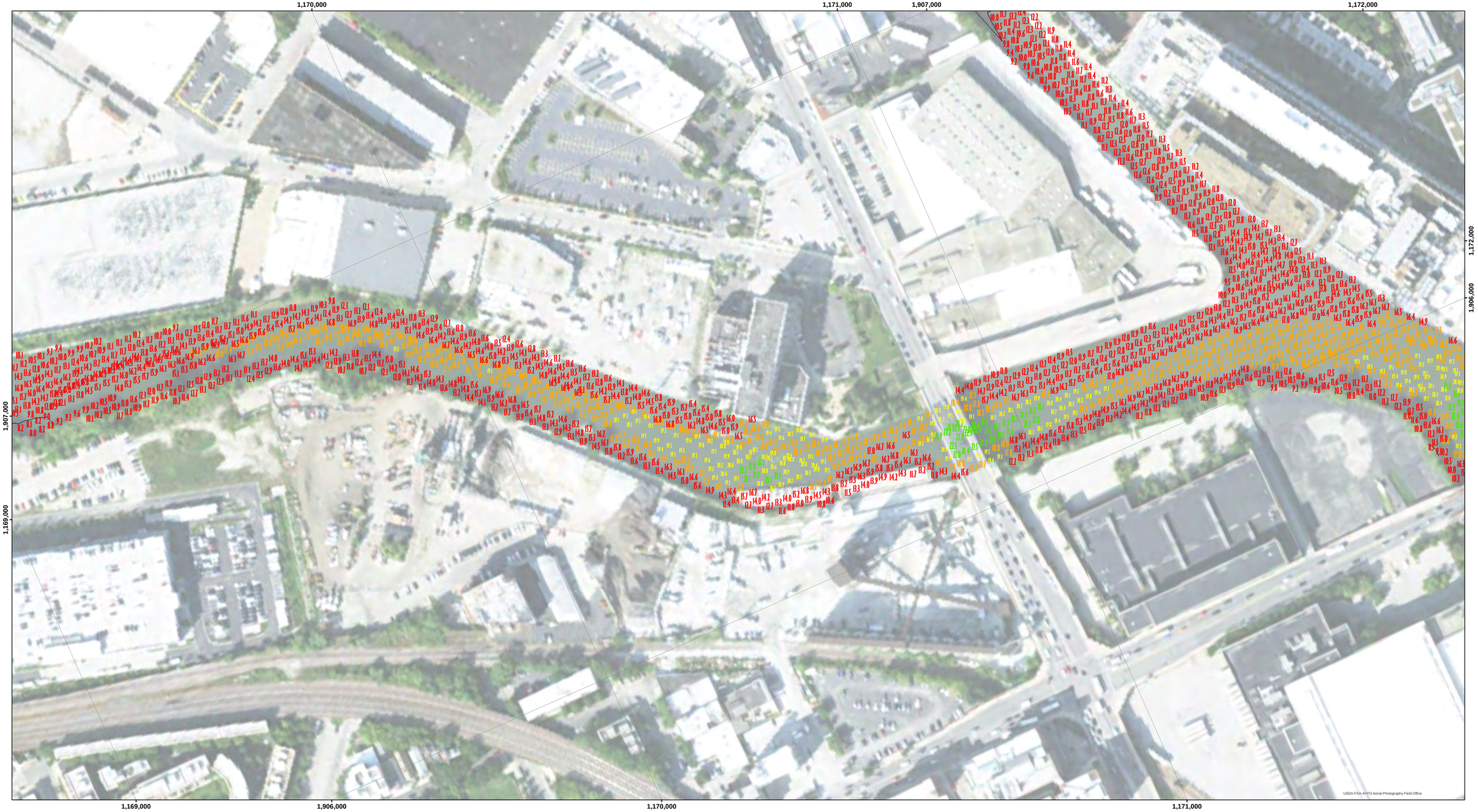
CHICAGO RIVER

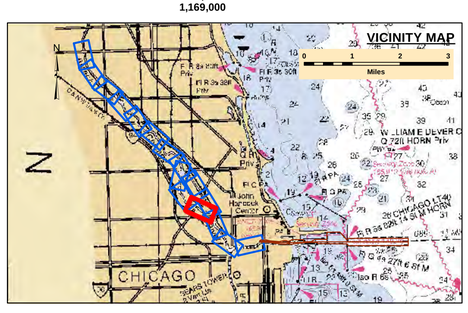
LC_11_CHR_20140404_CS_20

04 April 2014

Sheet Reference Number
3 of 16

Revison Number: 3.14-20170731





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
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- Placement Area
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UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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US Army Corps of Engineers
District: CELRC

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

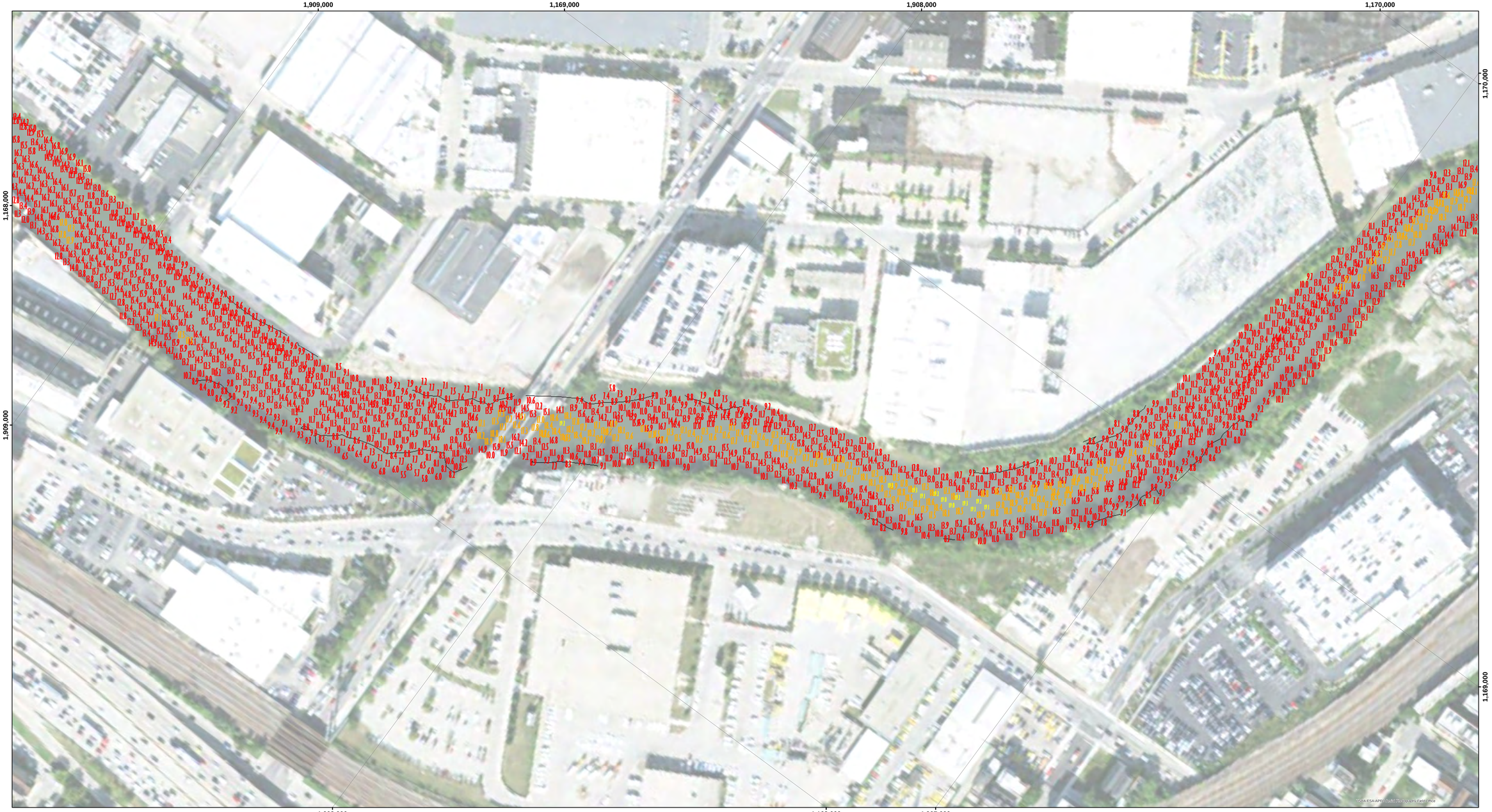
CHICAGO RIVER

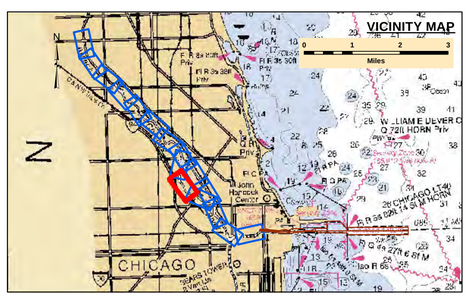
LC_11_CHR_20140404_CS_20

04 April 2014

Sheet Reference Number
4 of 16

Revison Number:
3.14-20170731





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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- Cable Area
- Placement Area
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UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

CHICAGO RIVER

LC_11_CHR_20140404_CS_20

04 April 2014

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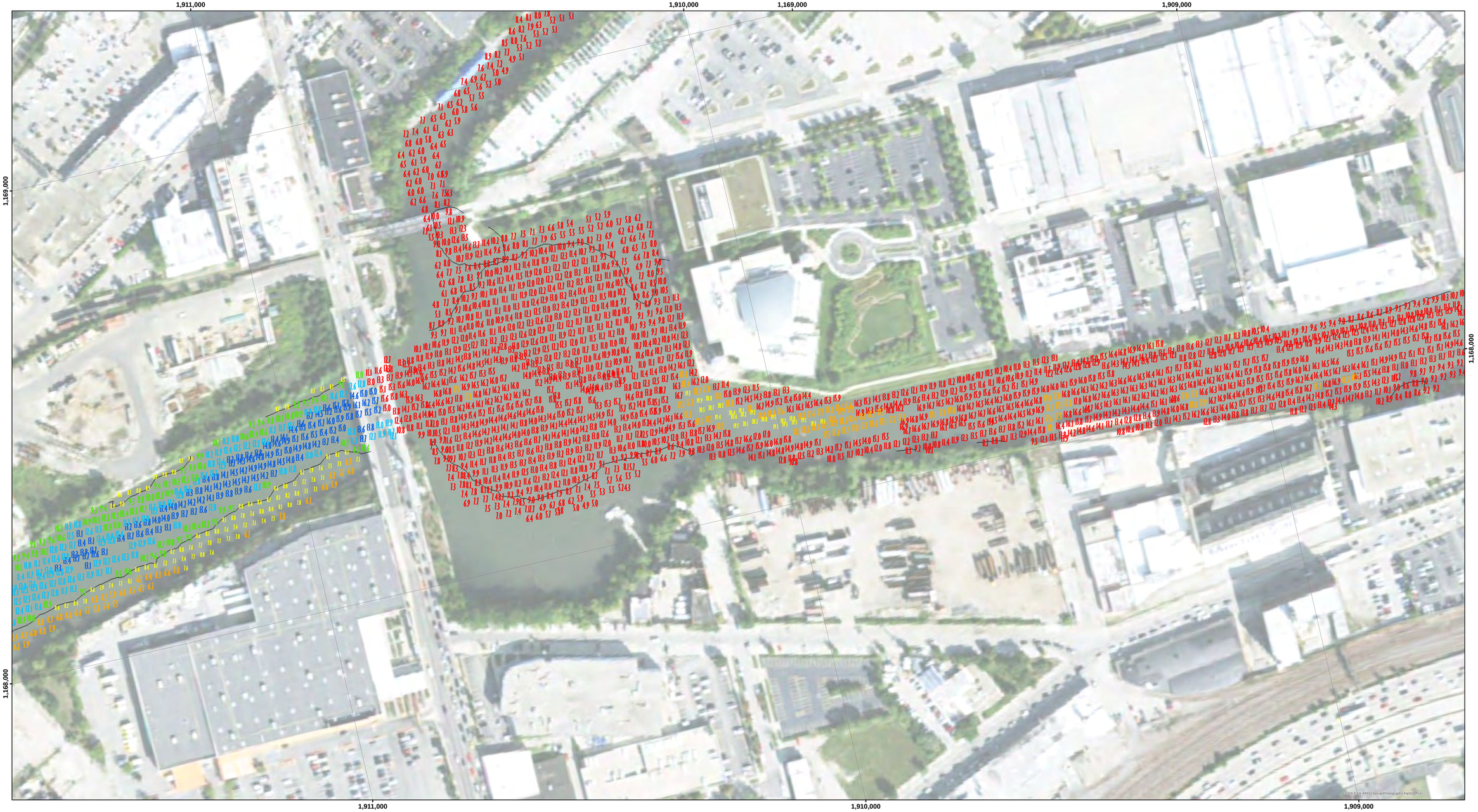

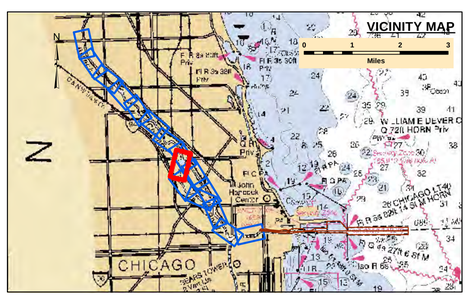

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
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2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

Feet
0 100 200

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

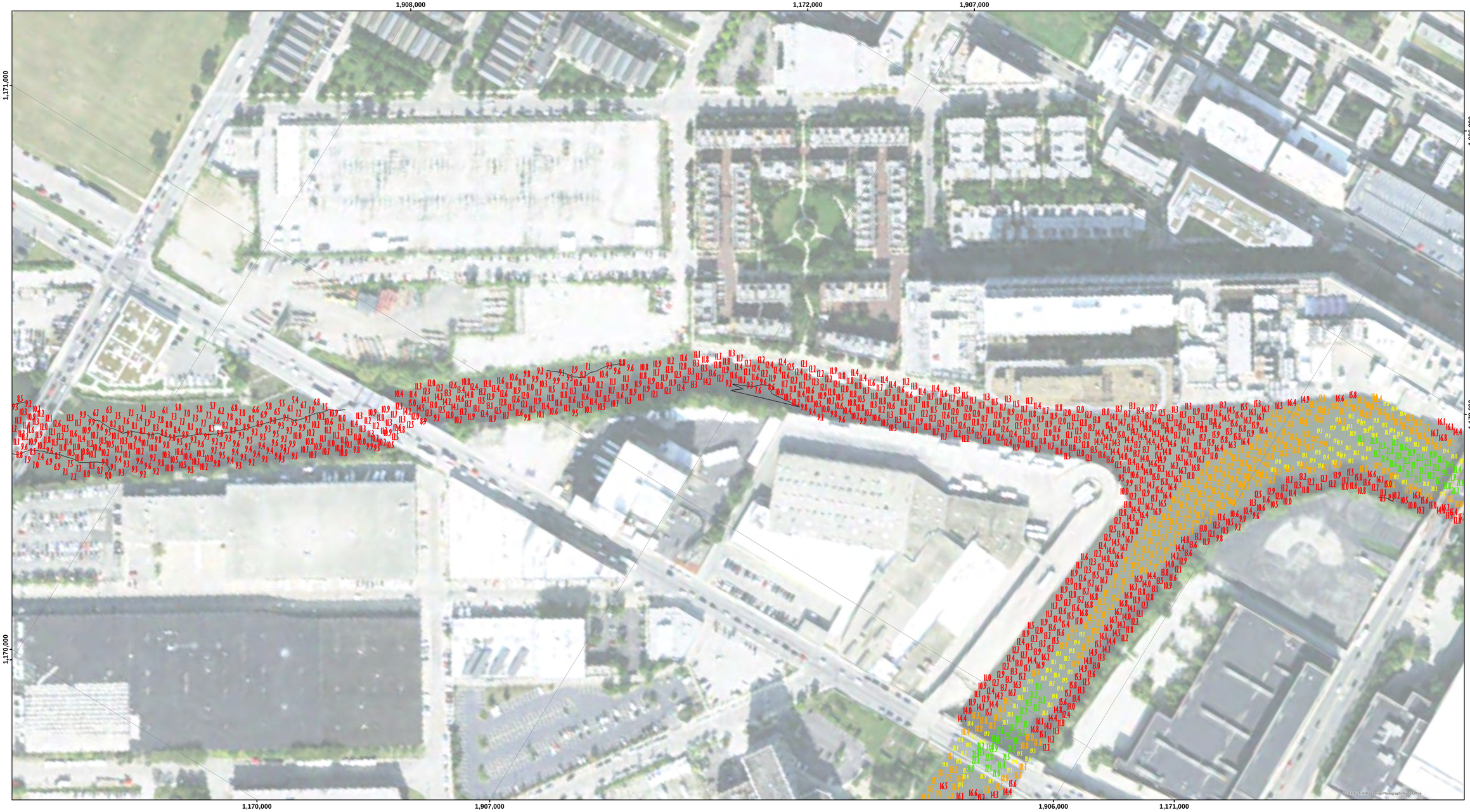
CHICAGO RIVER

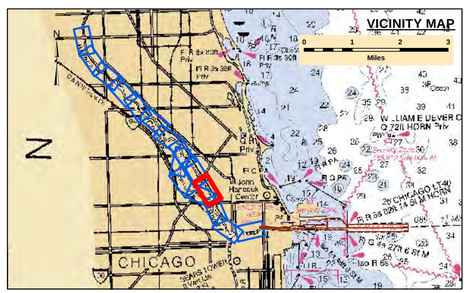
LC_11_CHR_20140404_CS_20

04 April 2014

Sheet Reference Number
6 of 16

Revison Number:
3.14-20170731





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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- Cable Area
- Placement Area
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- Obstruction Point
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UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

CHICAGO RIVER

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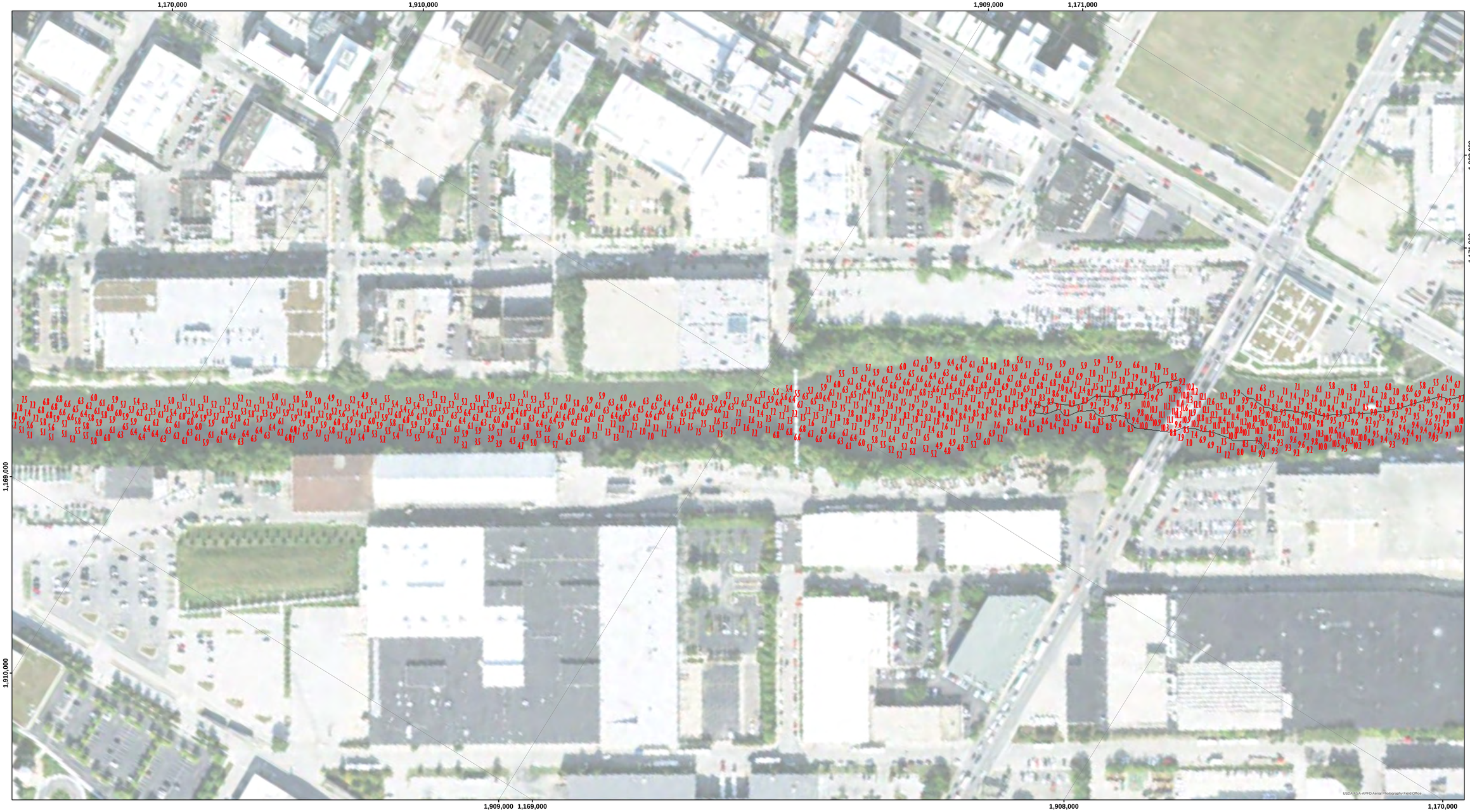
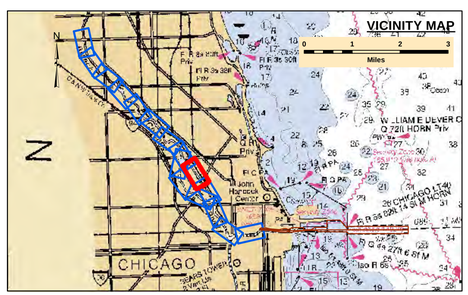
3.14-20170731





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

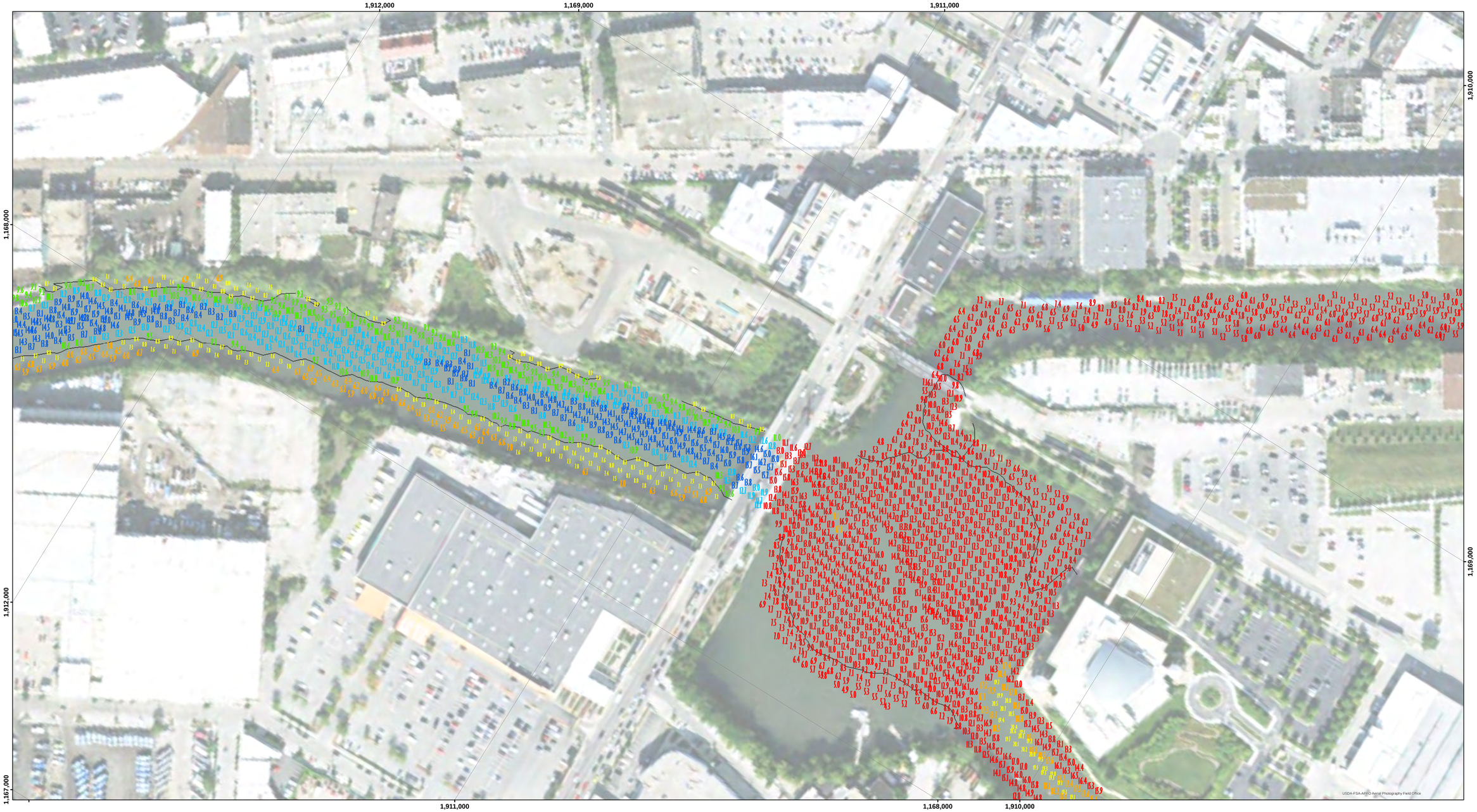
CHICAGO RIVER

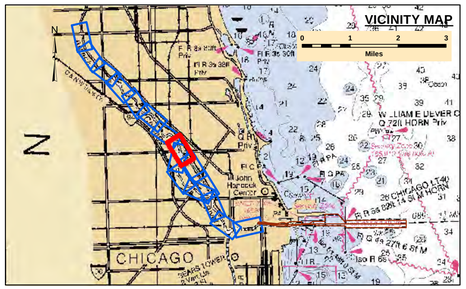
LC_11_CHR_20140404_CS_20

04 April 2014

Sheet Reference Number
8 of 16

Revison Number:
3.14-20170731





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
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- Red Navigation Buoy
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2-4 Feet Above Authorized Channel Depth
0-2 Feet Above Authorized Channel Depth
0-2 Feet Below Authorized Channel Depth
2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

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CHICAGO RIVER

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04 April 2014

Sheet Reference Number
9 of 16

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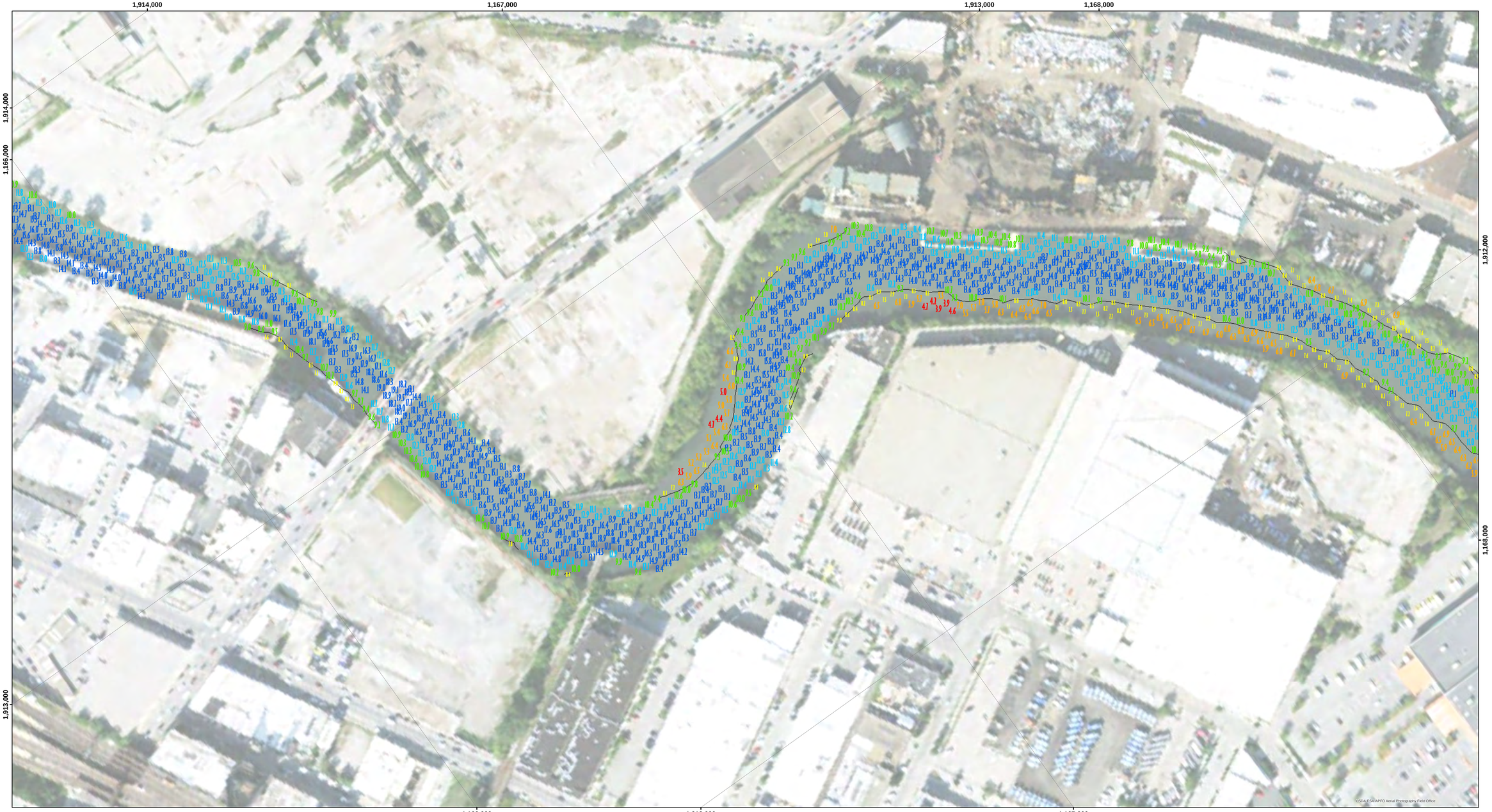

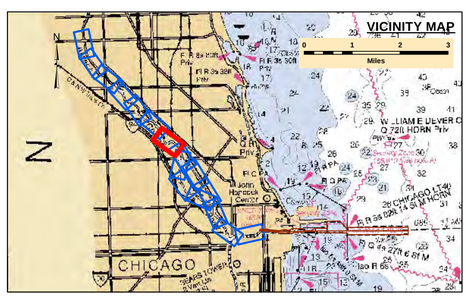

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
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2-4 Feet Above Authorized Channel Depth
0-2 Feet Above Authorized Channel Depth
0-2 Feet Below Authorized Channel Depth
2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

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CHICAGO RIVER

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10 of 16

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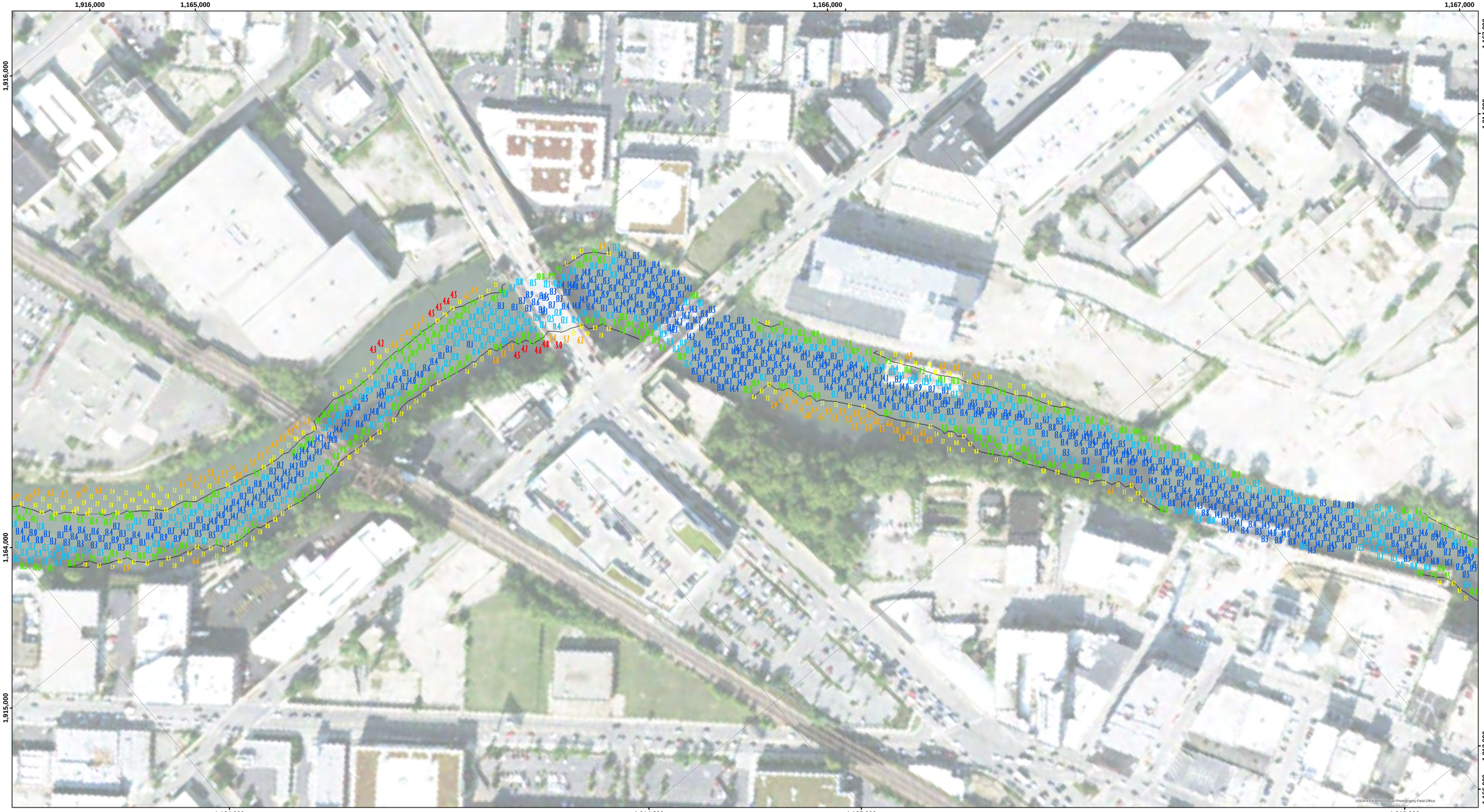

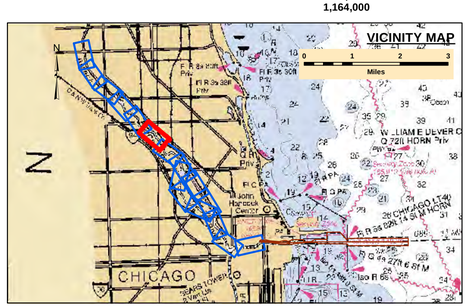

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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0-2 Feet Below Authorized Channel Depth
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4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

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CORPS OF ENGINEERS
CHICAGO, ILLINOIS

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CHICAGO RIVER

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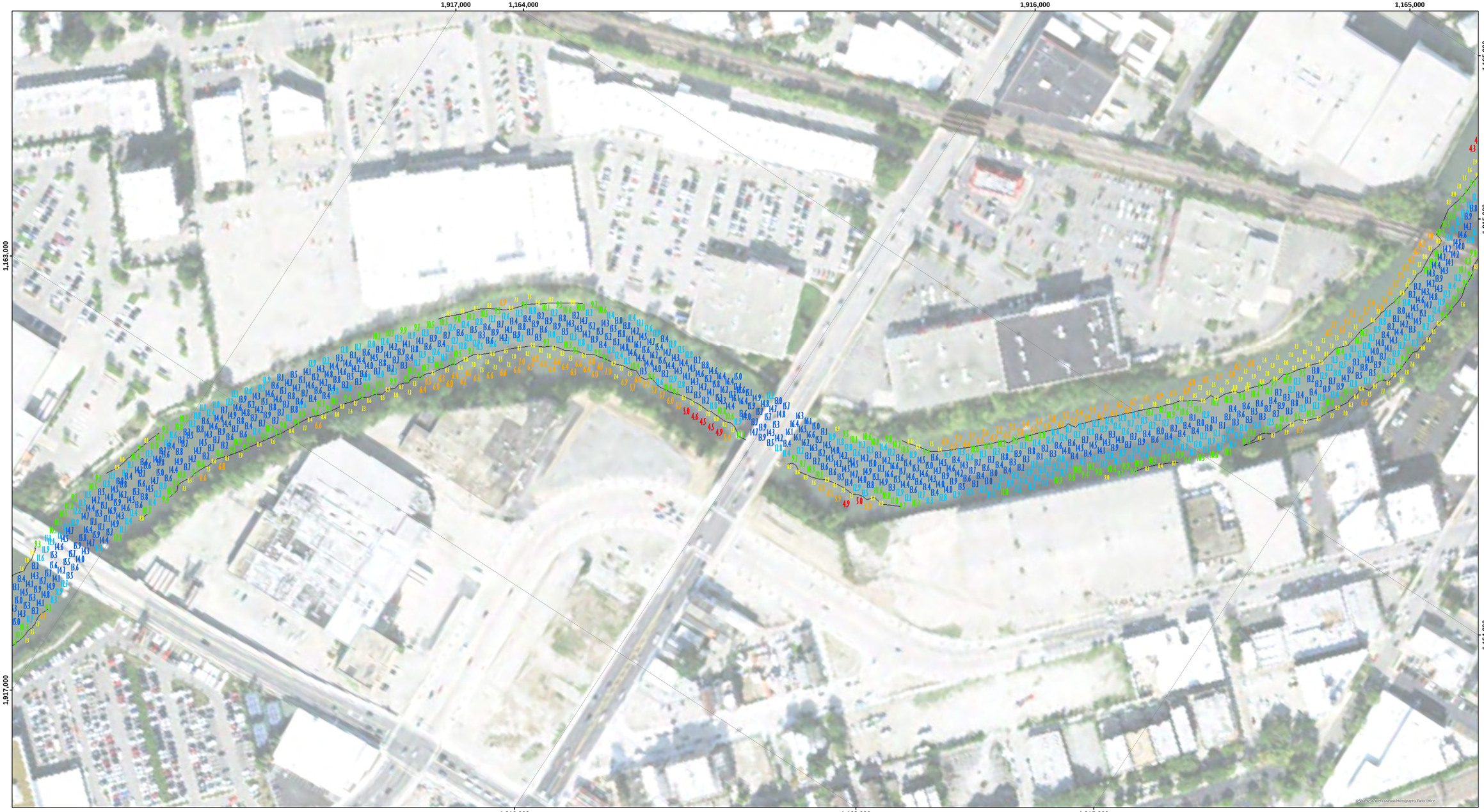

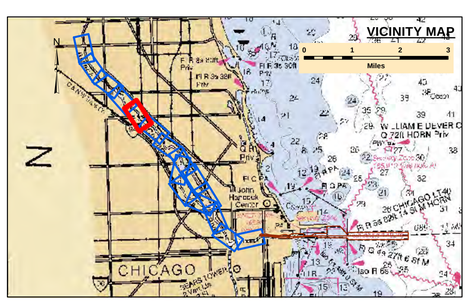

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
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- 2-4 Feet Below Authorized Channel Depth
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21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

CHICAGO RIVER

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04 April 2014

Sheet Reference Number
12 of 16

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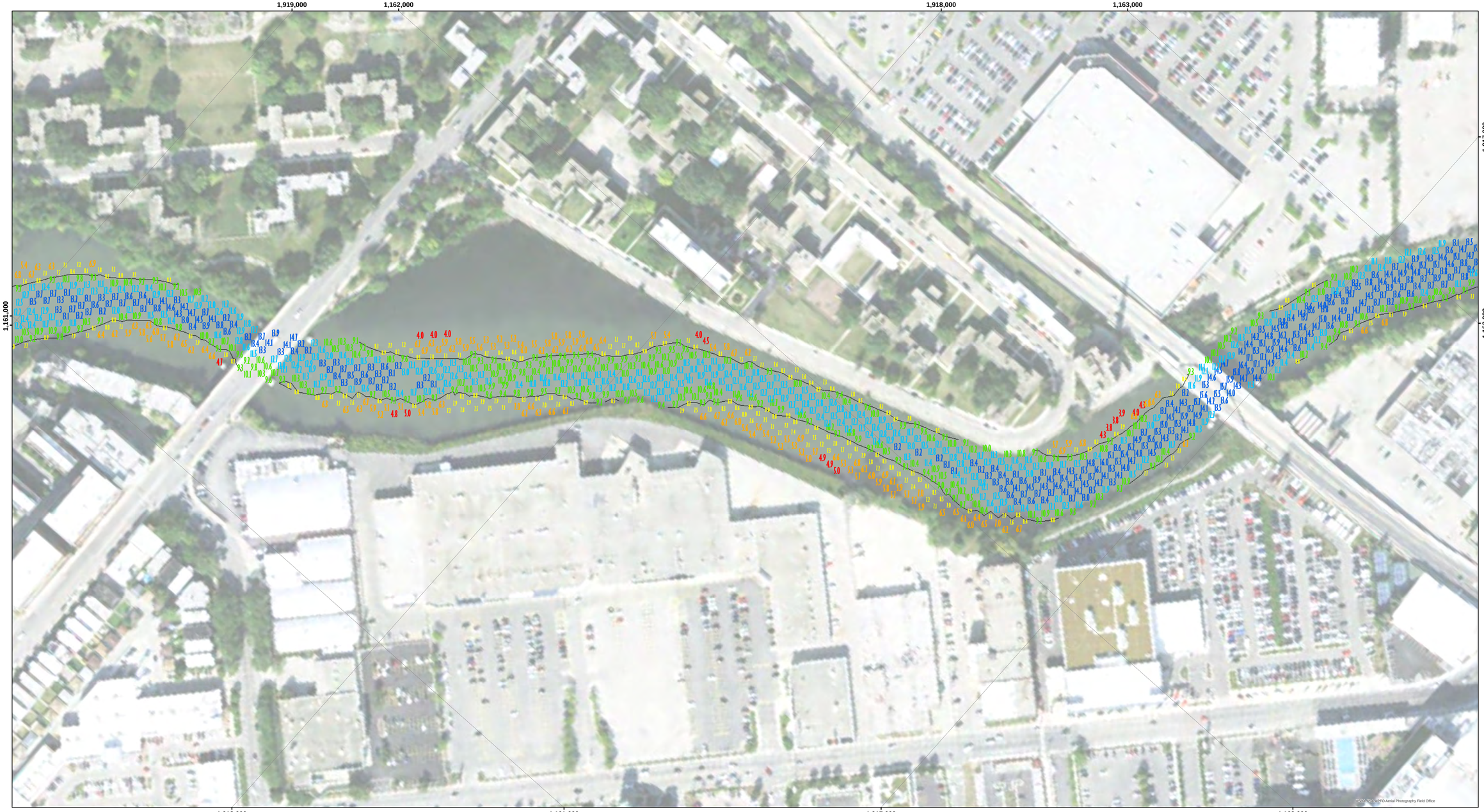

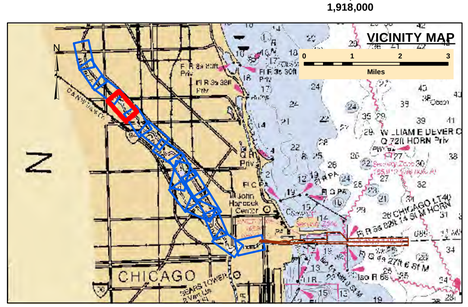

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

CHICAGO RIVER

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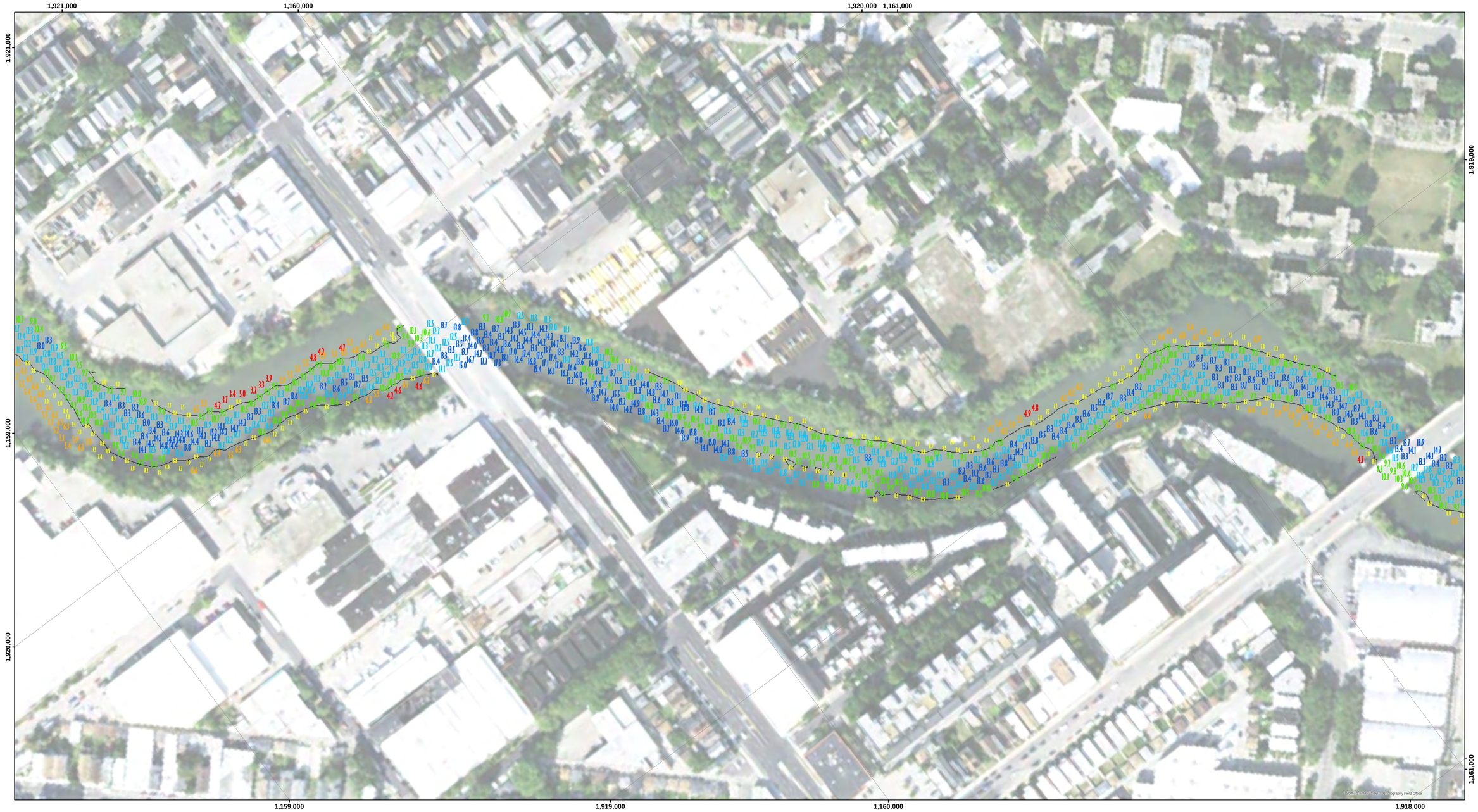
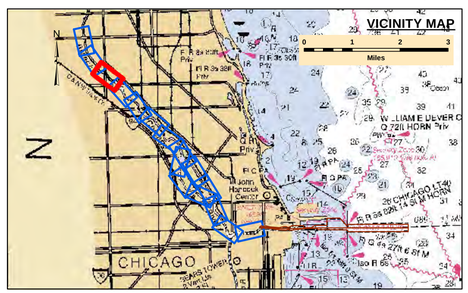
3.14-20170731





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by:
American Surveying & Engineering, P.C.
Mapping:
JD Ennis, Chicago District
Reviewed by:
Phil Horstman, Chicago District
Path:
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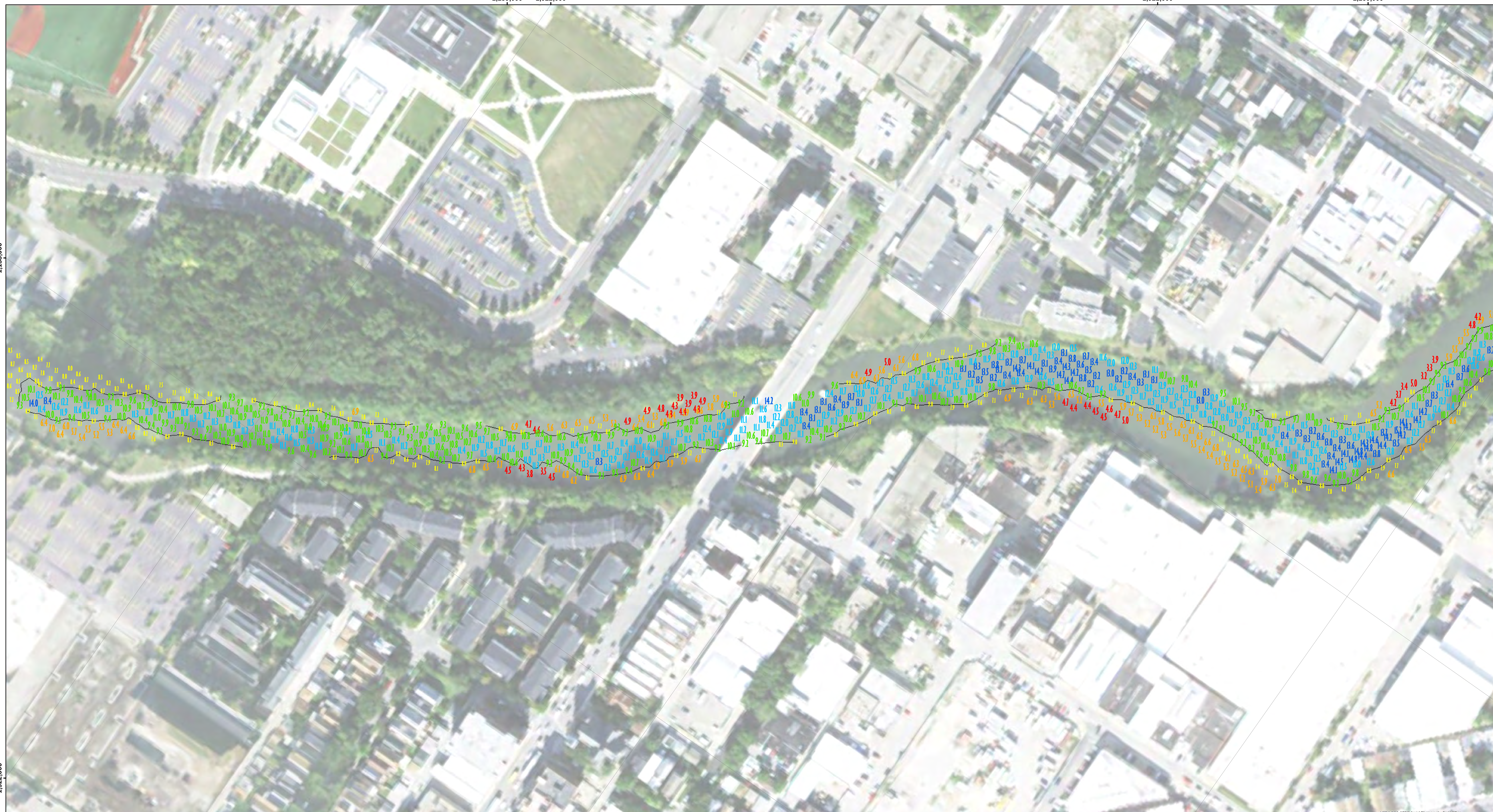
CHICAGO RIVER

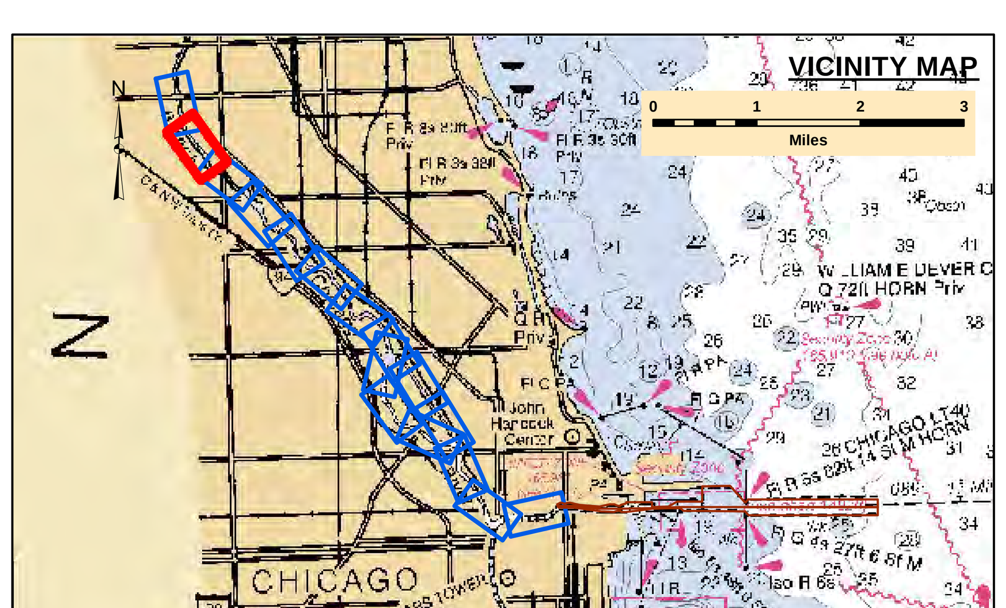
LC_11_CHR_20140404_CS_20

04 April 2014

Sheet Reference Number
14 of 16

Revison Number:
3.14-20170731



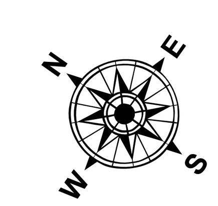


LEGEND

Federal Navigation Channel	Cable Area
Federal Navigation Center Line	Placement Area
Cable Submarine	Anchorage Area
Cable Overhead	Obstruction Point
Contour Line	Wrecks-Submerged
Shoaling Area	Shoalest Sounding**
Beacon, General	Red Navigation Buoy
Green Navigation Buoy	

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)



Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by:
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Mapping:
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Reviewed by:
Phil Horstman, Chicago District
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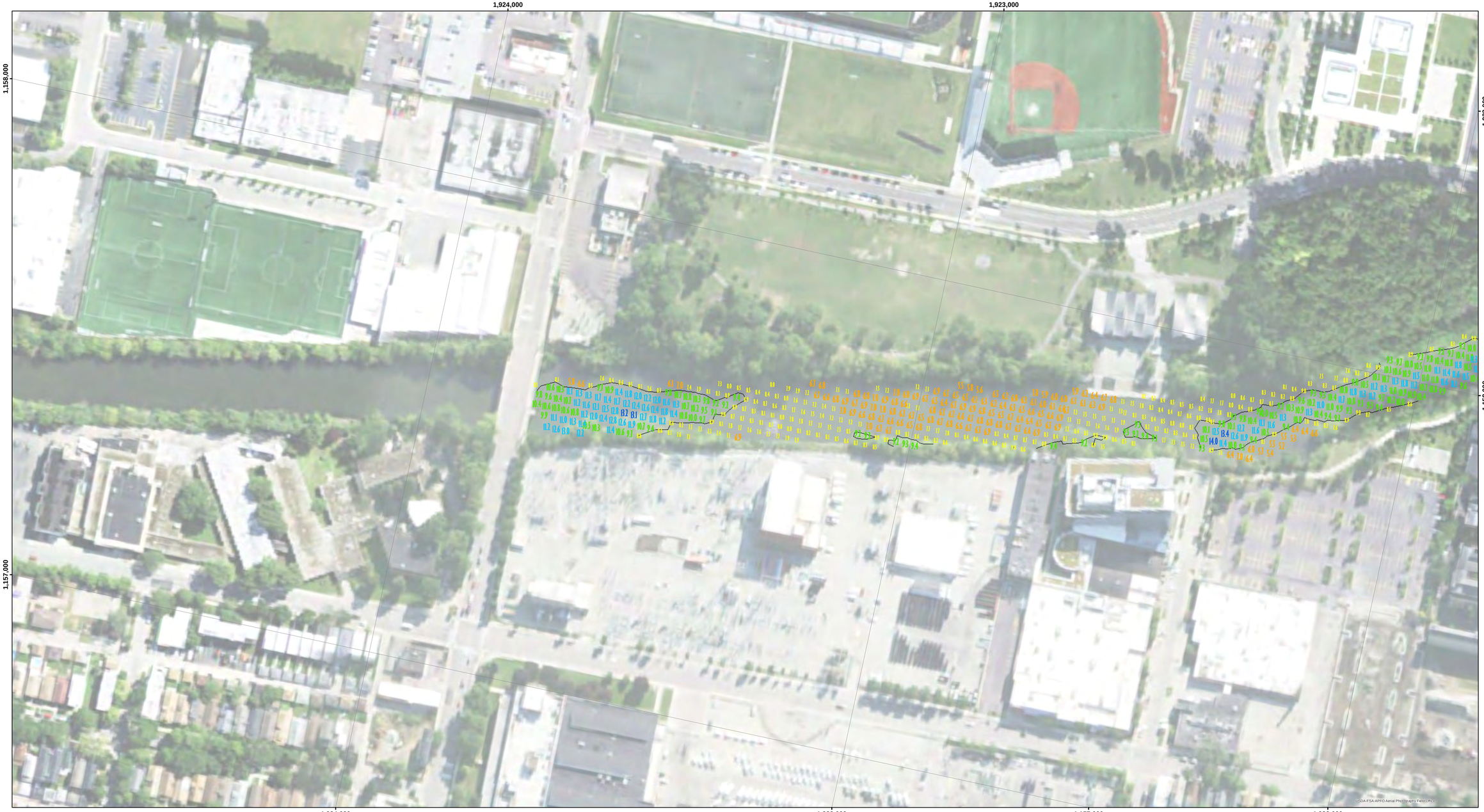
CHICAGO RIVER

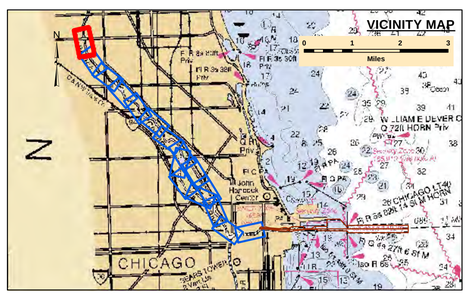
LC_11_CHR_20140404_CS_20

04 April 2014

Sheet Reference Number

Revison Number:
3.14-20170731





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

4+ Feet Above Authorized Channel Depth
2-4 Feet Above Authorized Channel Depth
0-2 Feet Above Authorized Channel Depth
0-2 Feet Below Authorized Channel Depth
2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
21.0' RIVER TO TURNING BASIN
9.0' UPPER RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

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Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
Path: G:\erhydro\products\MXD\LC_11_CHR_20140404_CS_20.mxd

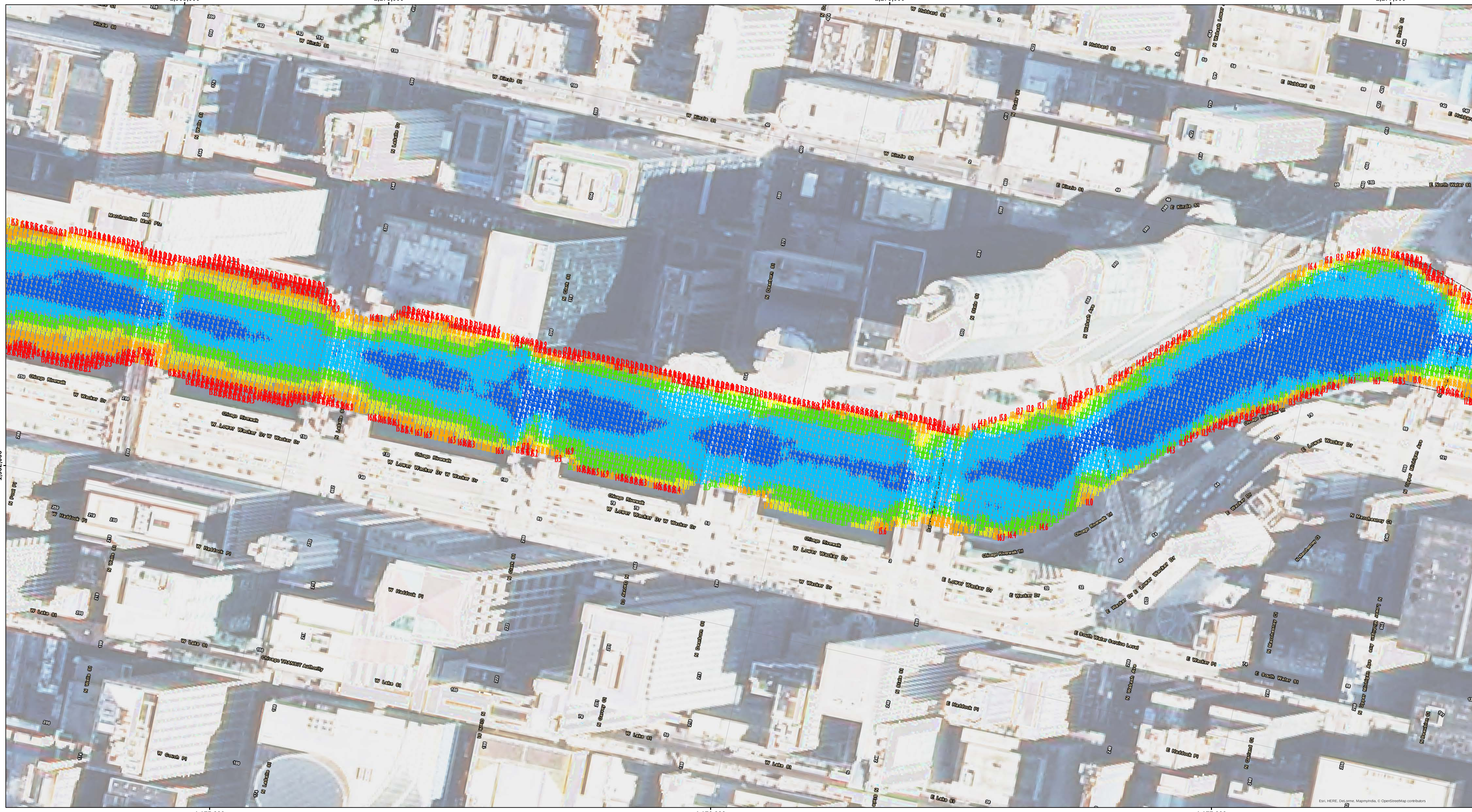
CHICAGO RIVER

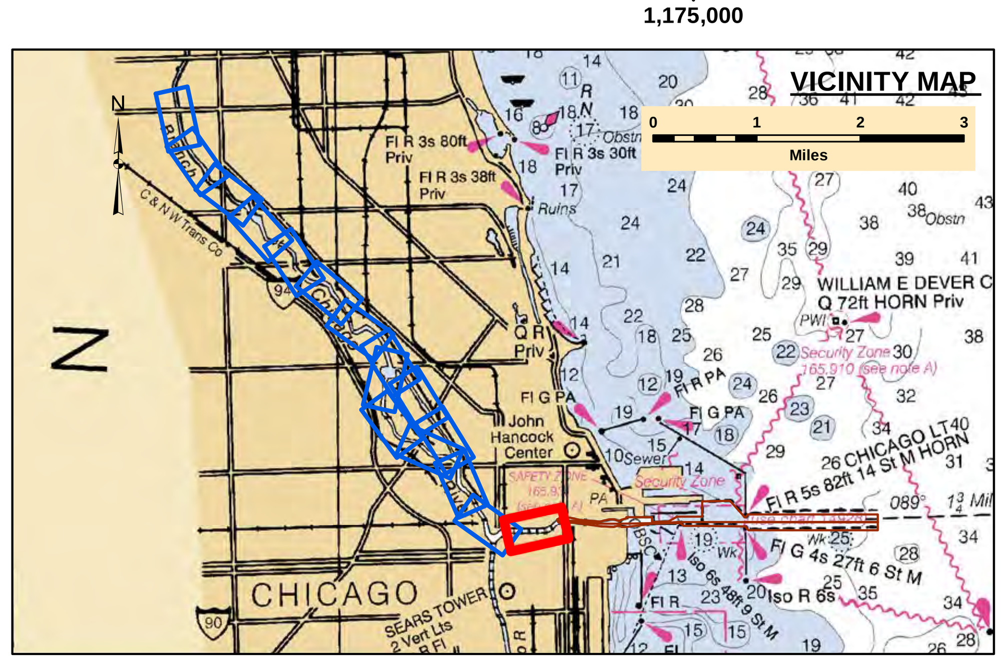
LC_11_CHR_20140404_CS_20

04 April 2014

Sheet Reference Number
16 of 16

Revison Number:
3.14-20170731



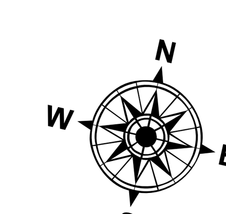


LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)



Feet
0 100 200

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detriot District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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CHICAGO RIVER

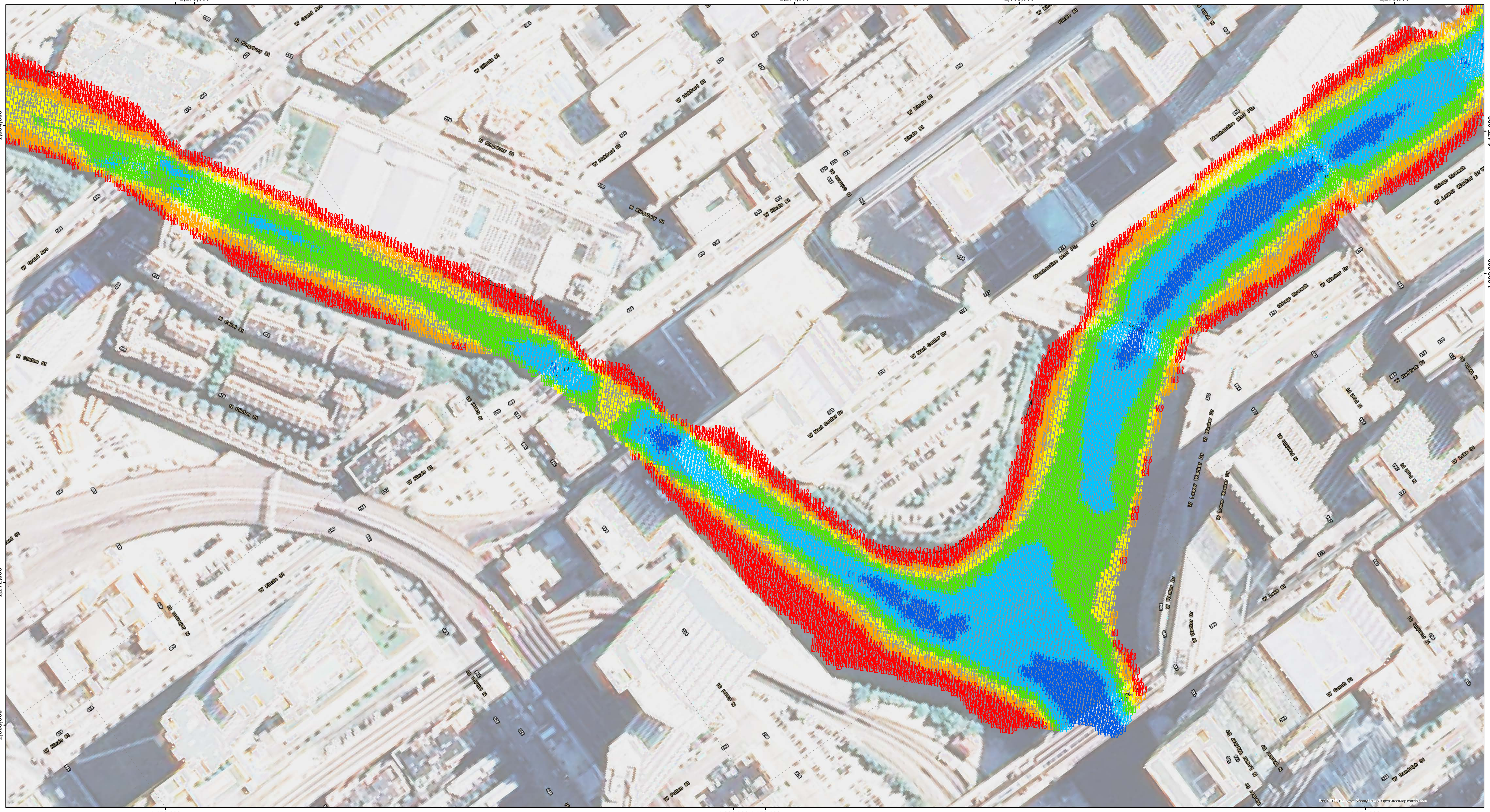
LC_11_CHR_20171101_CS_10

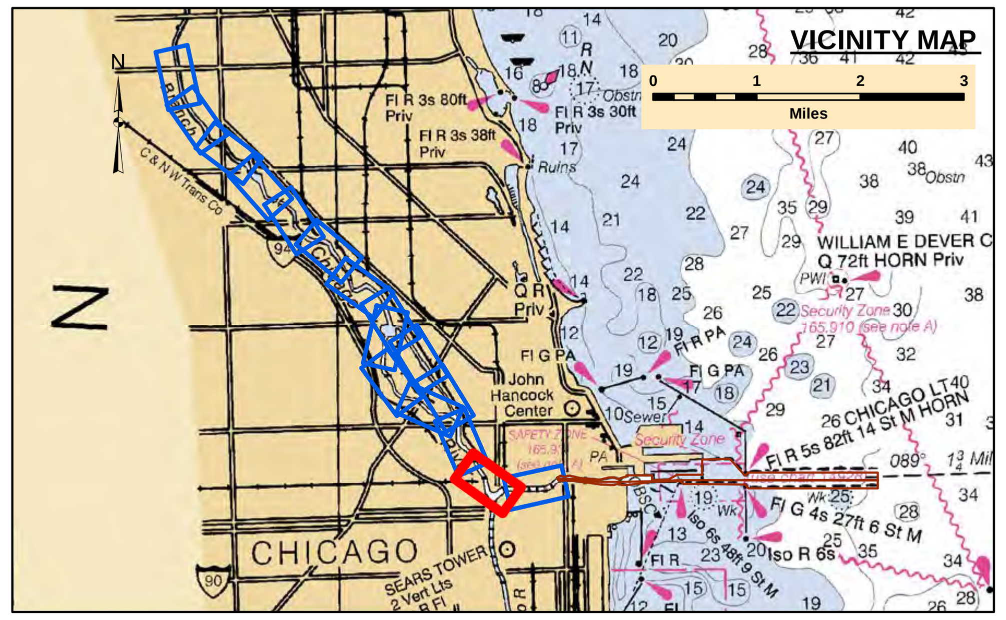
01 November 2017

Sheet Reference Number

1 of 16

Revison Number:
3.161-20180112





LEGEND

Federal Navigation Channel	Cable Area	Shoaling Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
Cable Submarine	Anchorage Area	Beacon, General
Cable Overhead	Obstruction Point	Red Navigation Buoy
Contour Line	Wrecks-Submerged	Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detriot District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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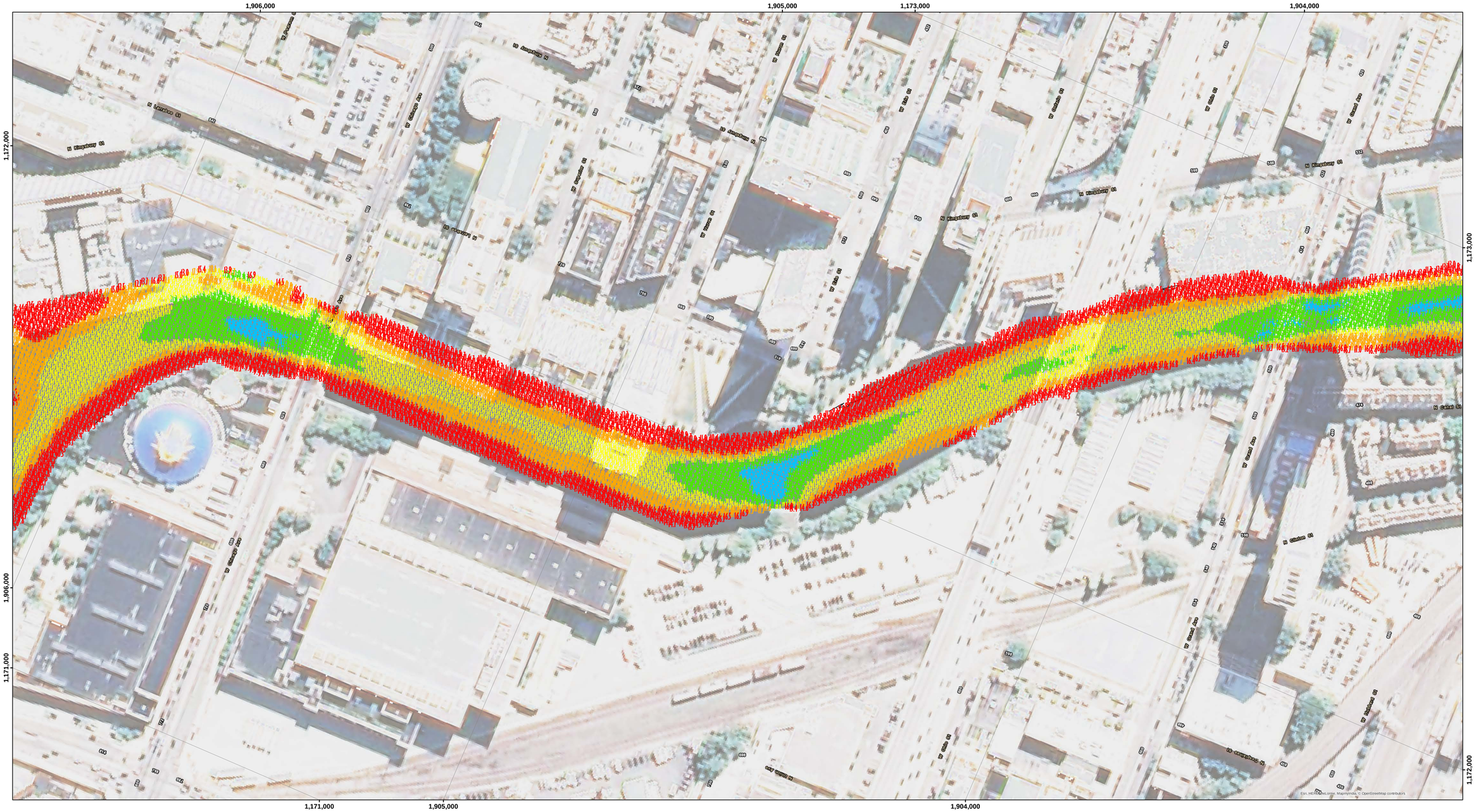
CHICAGO RIVER

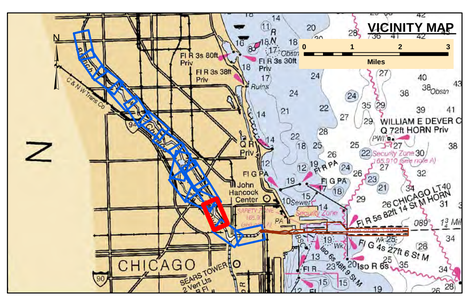
LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number
2 of 16

Revision Number:
3.161-20180112





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
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- Shoalest Sounding**
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- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
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- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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US Army Corps of Engineers
District: CELRC

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detroit District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horsman, Chicago District
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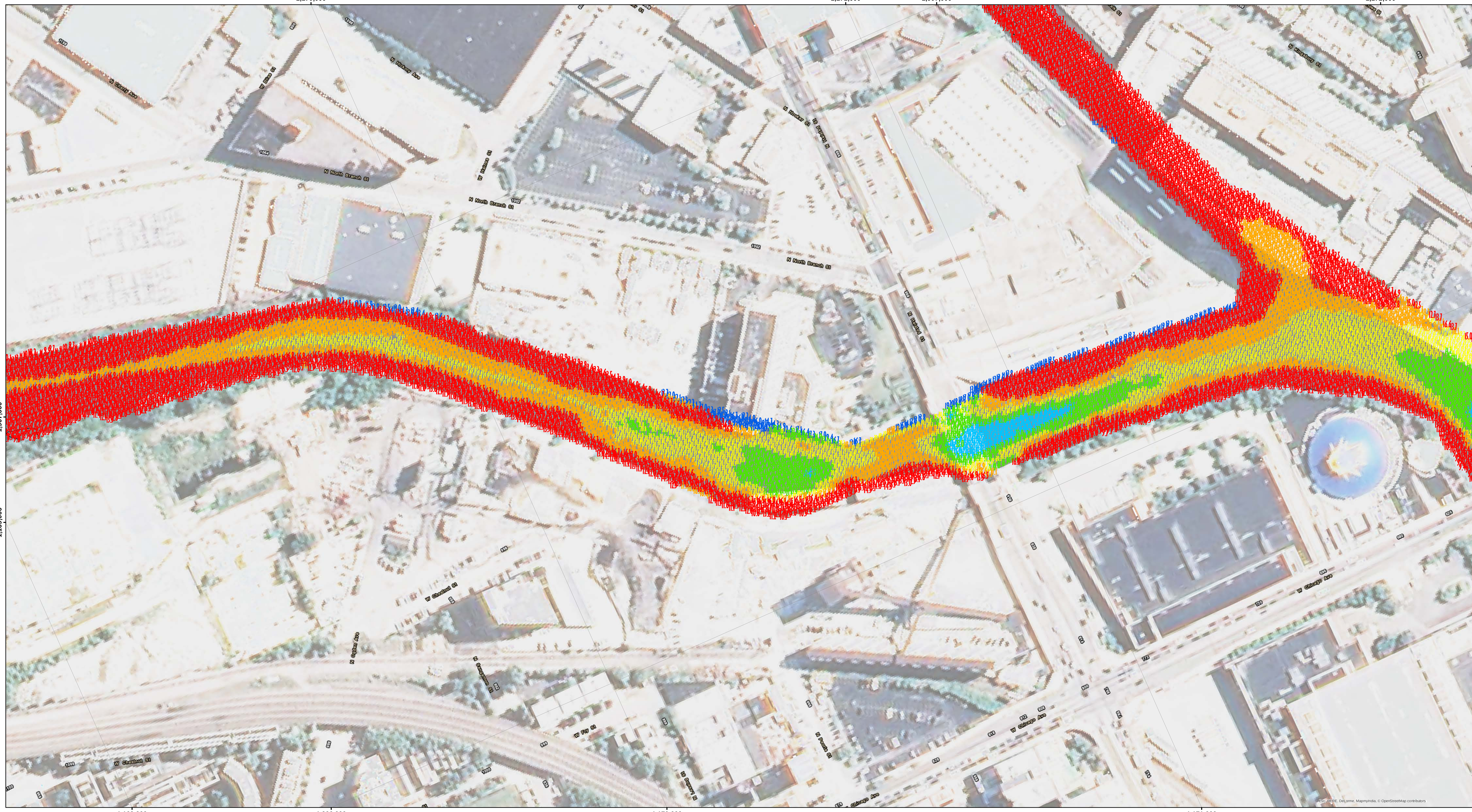
CHICAGO RIVER

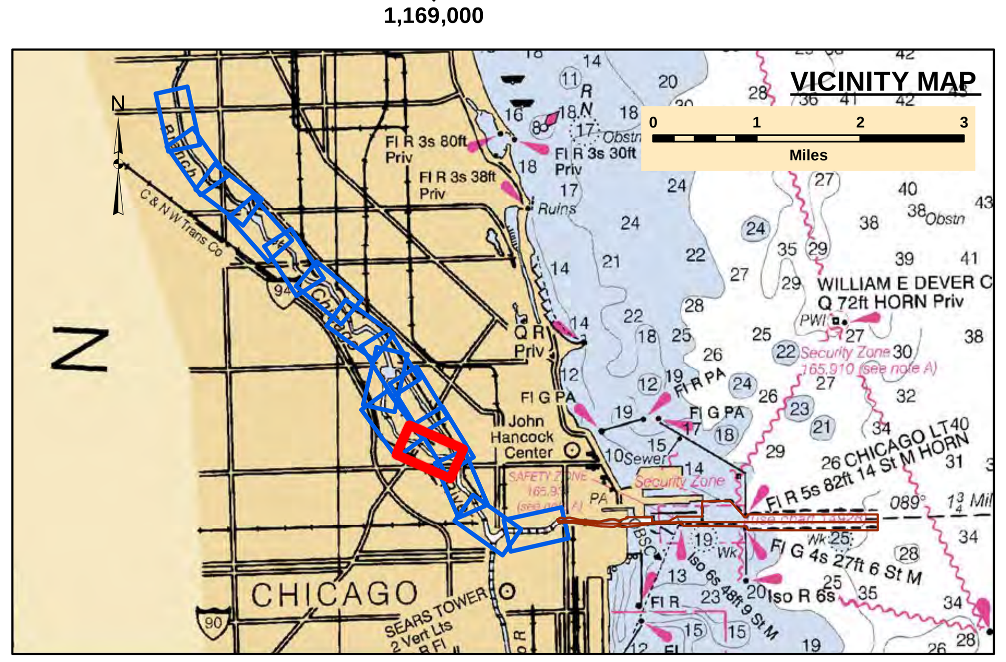
LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number
3 of 16

Revison Number:
3.161-20180112





US Army Corps of Engineers
District: CELRC

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detriot District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
Path: G:\eHydro\products\MXD\LC_11_CHR_20171101_CS_10.mxd

CHICAGO RIVER

LC_11_CHR_20171101_CS_10

01 November 2017

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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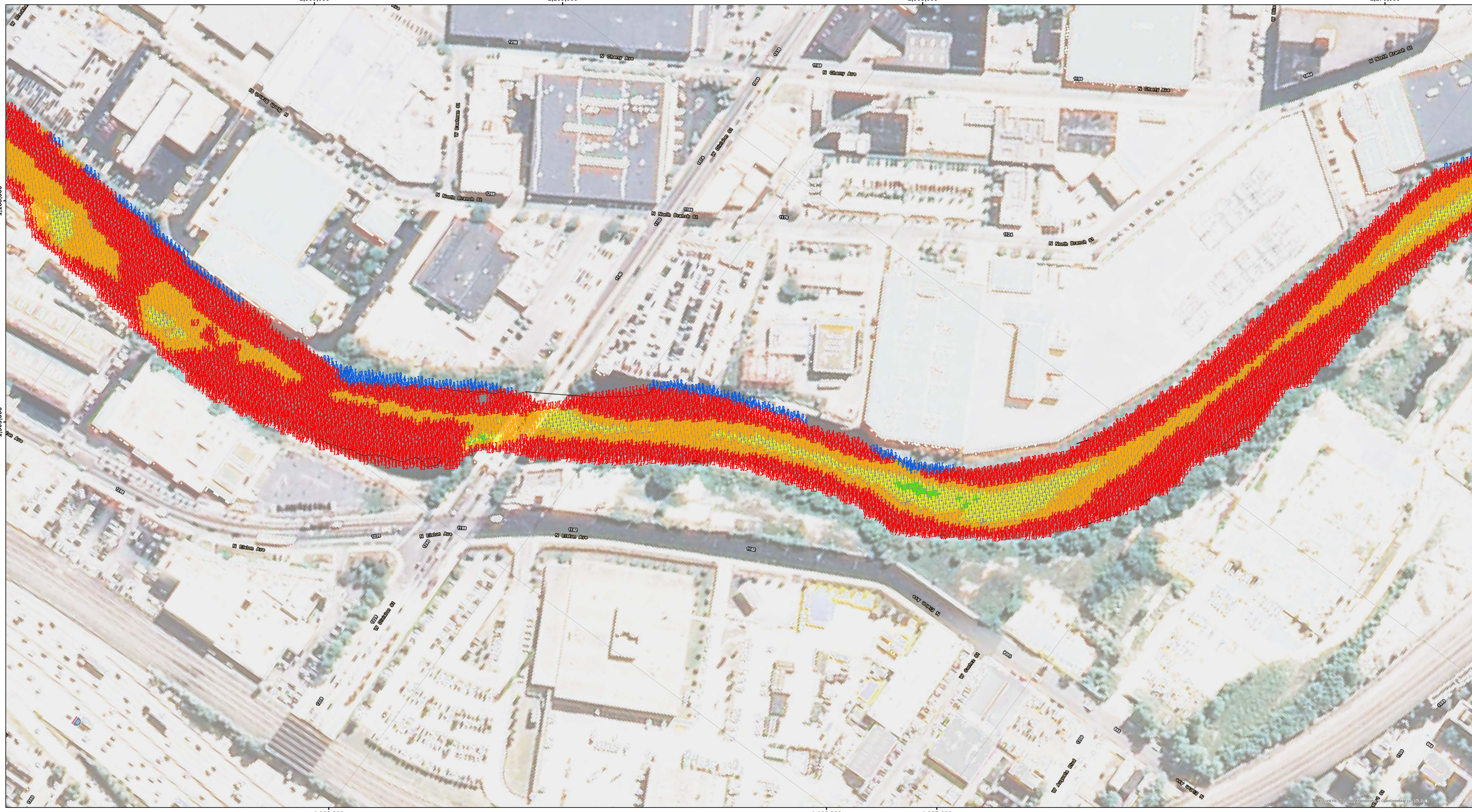
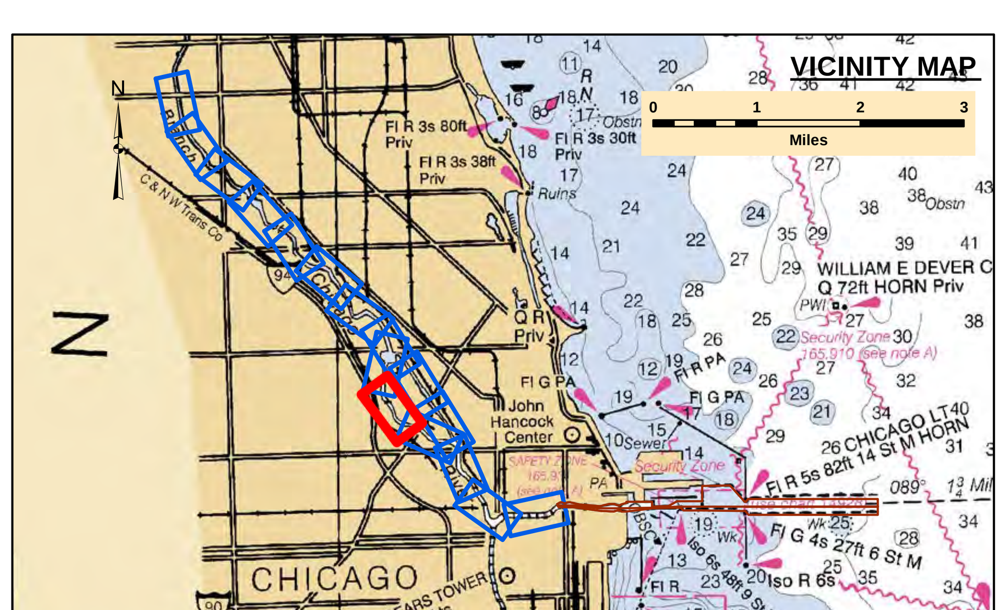
Sheet Reference Number
4 of 16

Revison Number:
3.161-20180112





LEGEND

Federal Navigation Channel	Cable Area
Federal Navigation Center Line	Placement Area
Cable Submarine	Anchorage Area
Cable Overhead	Obstruction Point
Contour Line	Wrecks-Submerged
Shoaling Area	Shoalest Sounding**
Beacon, General	Red Navigation Buoy
Green Navigation Buoy	

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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US Army Corps of Engineers
District: CELRC

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by:
Jim Mrozek, Detriot District
Mapping:
JD Ennis, Chicago District
Reviewed by:
Phil Horstman, Chicago District
Path:
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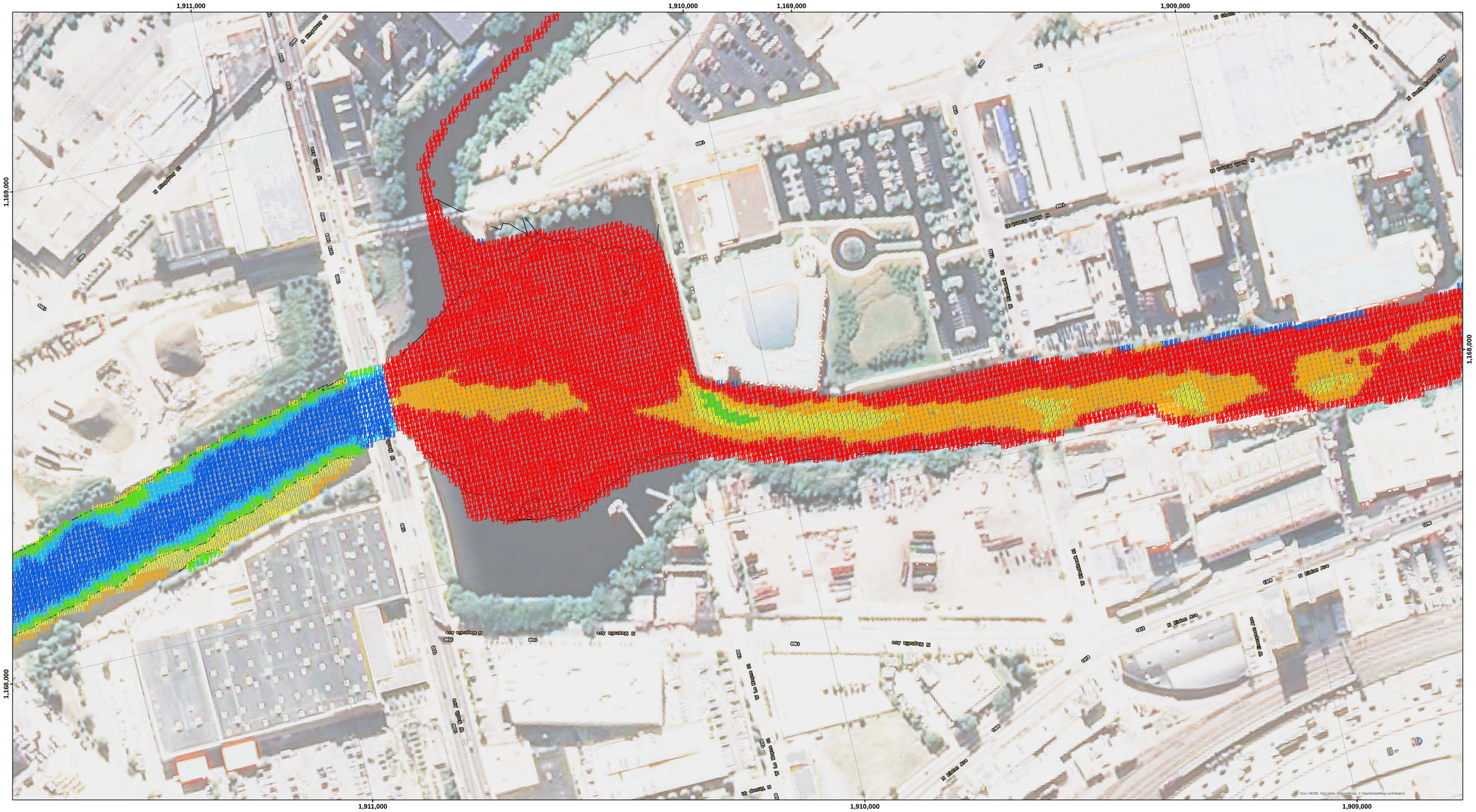
CHICAGO RIVER

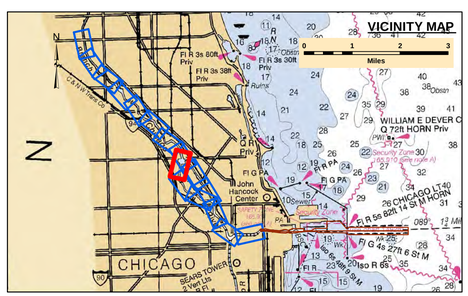
LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number
5 of 16

Revison Number:
3.161-20180112





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

Feet
0 100 200

NOTES:

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US Army Corps of Engineers District: CELRC

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detroit District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
Path: G:\ehydro\products\MXD\LC_11_CHR_20171101_CS_10.mxd

CHICAGO RIVER

LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number
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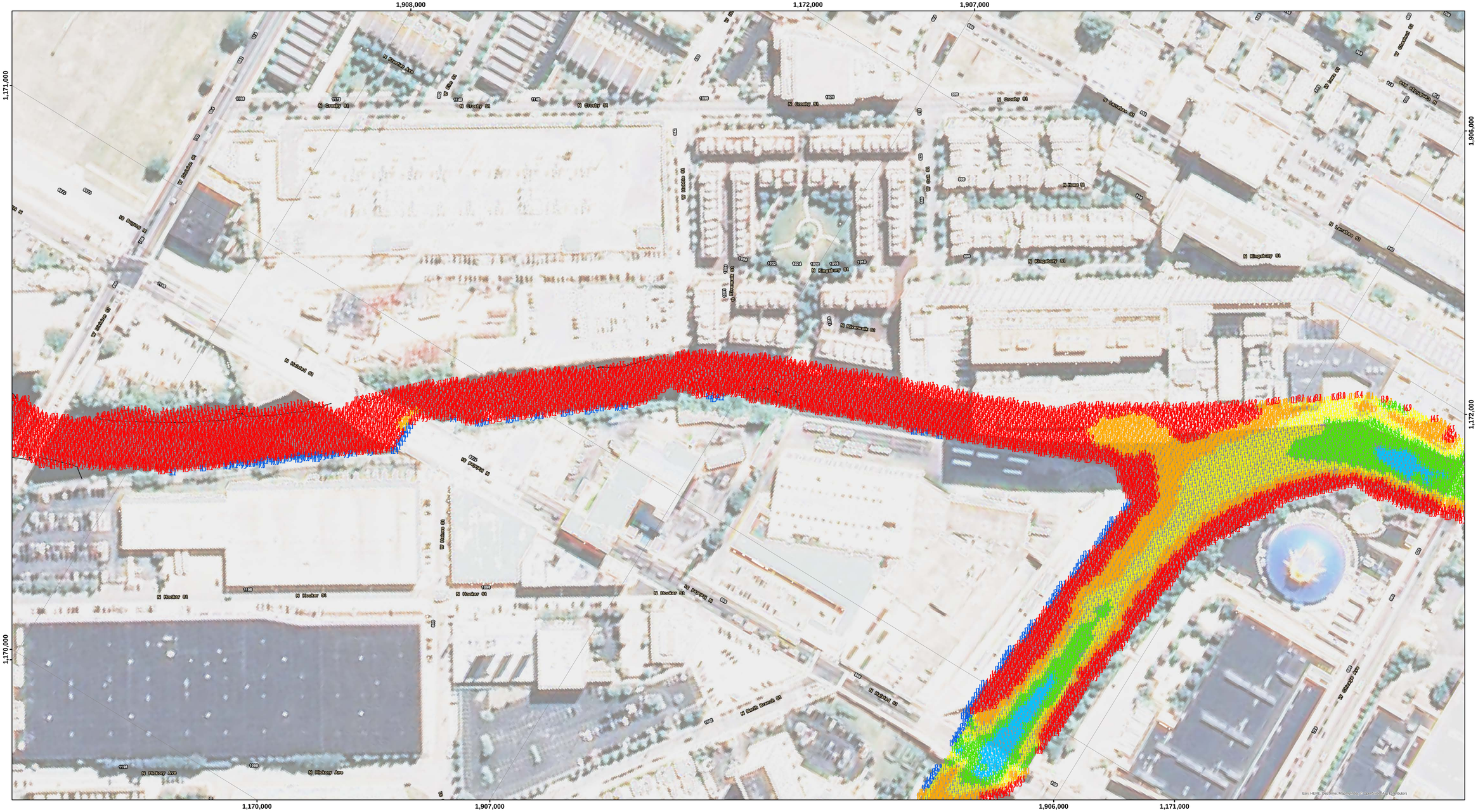
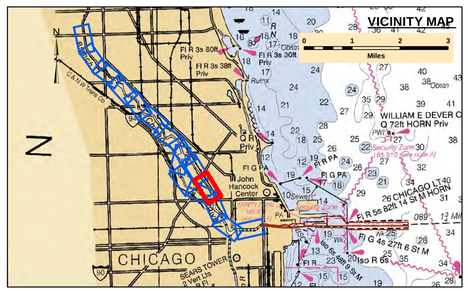
Revison Number: 3.161-20180112





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
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UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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US Army Corps of Engineers District: CELRC

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Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

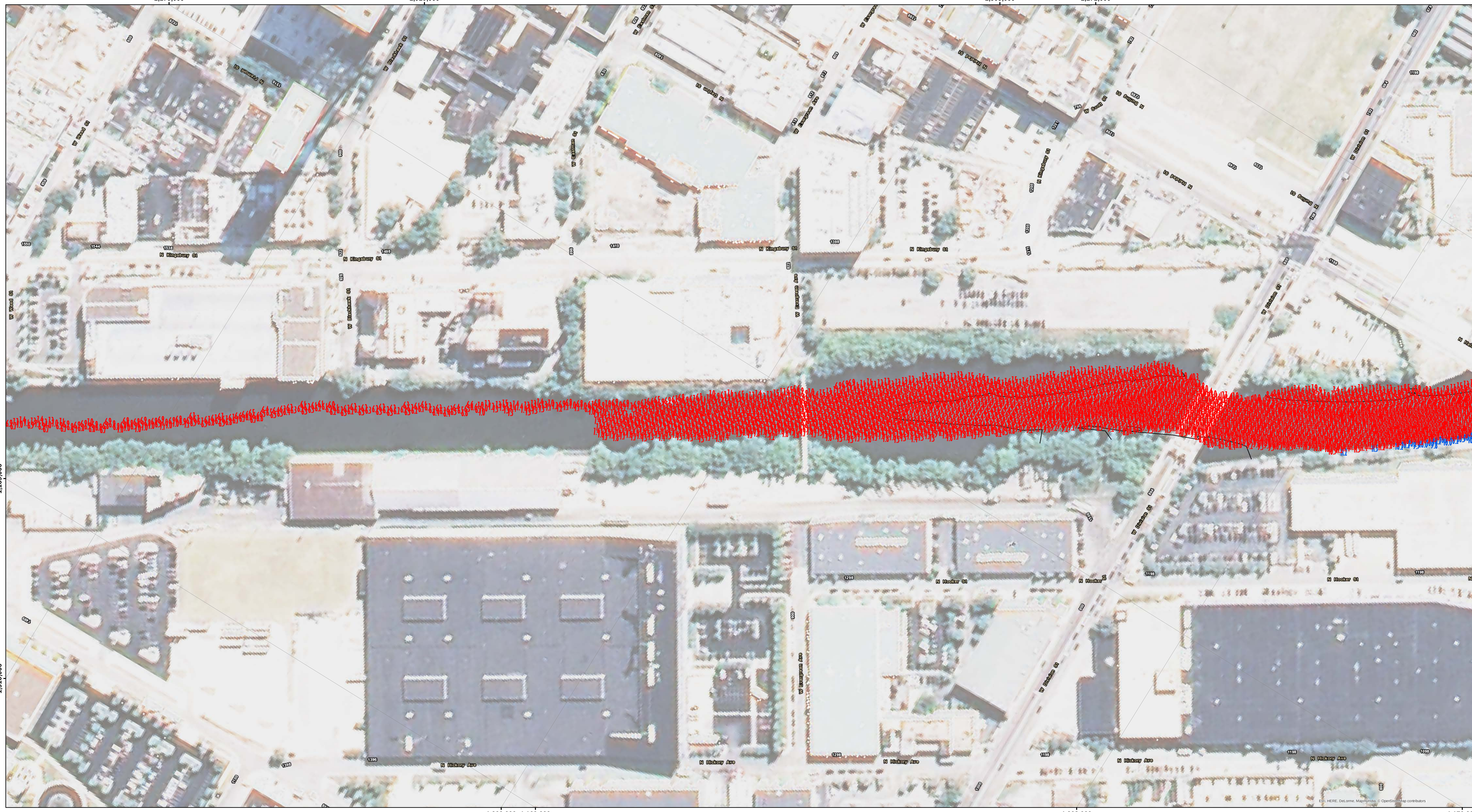
CHICAGO RIVER

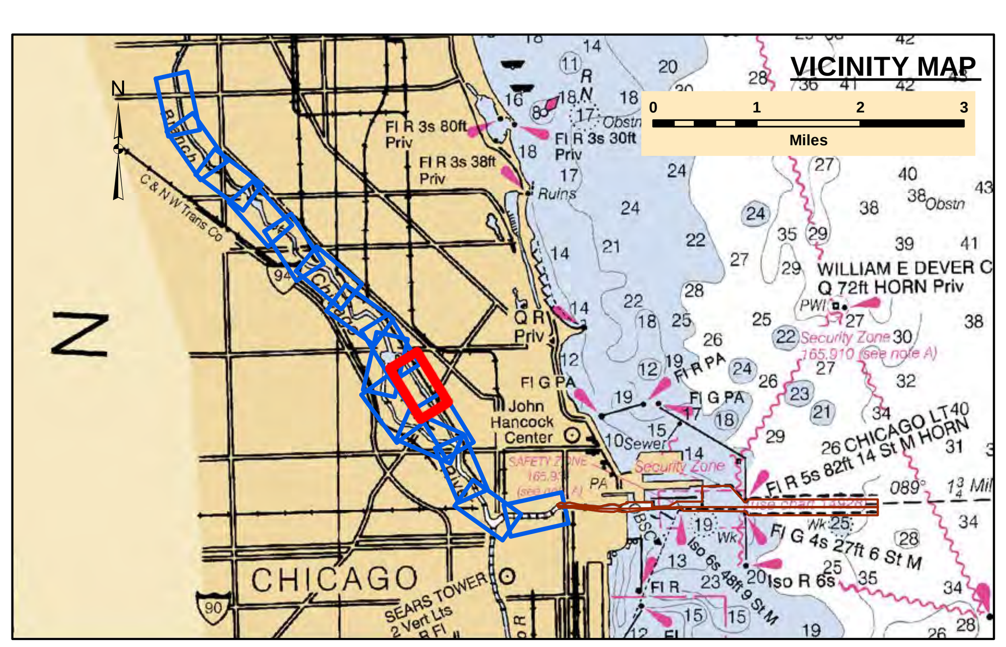
LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number
7 of 16

Revison Number: 3.161-20180112





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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- Cable Area
- Placement Area
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UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

Feet
0 100 200

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by:
Jim Mrozek, Detriot District
Mapping:
JD Ennis, Chicago District
Reviewed by:
Phil Horstman, Chicago District

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CHICAGO RIVER

LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number

8 of 16

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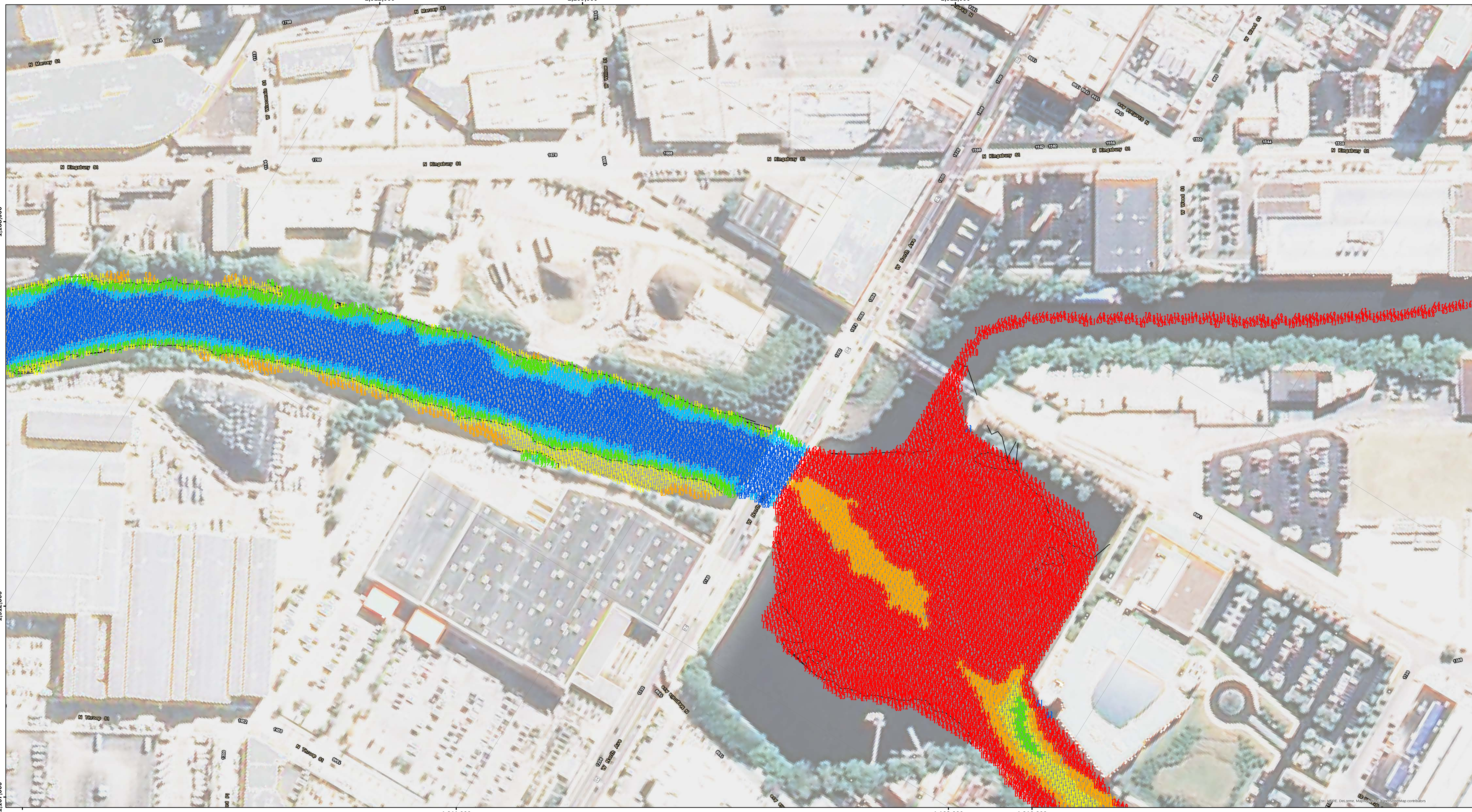

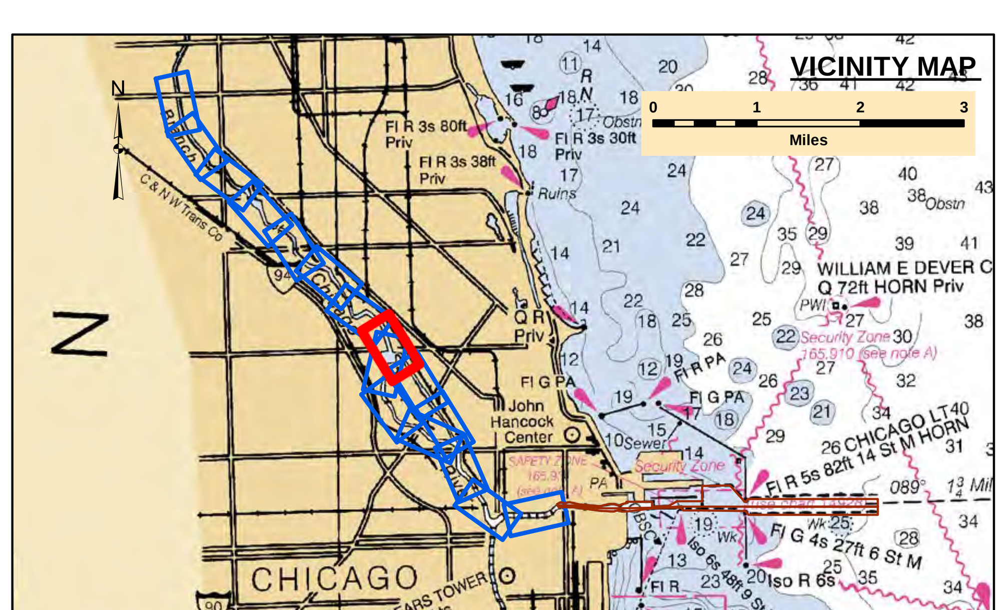

LEGEND

Federal Navigation Channel	Cable Area	Shoaling Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
Cable Submarine	Anchorage Area	Beacon, General
Cable Overhead	Obstruction Point	Red Navigation Buoy
Contour Line	Wrecks-Submerged	Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
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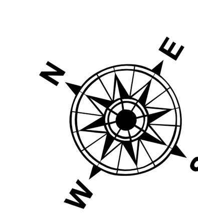
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)



Feet
0 100 200

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US Army Corps of Engineers
District: CELRC

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by:
Jim Mrozek, Detriot District
Mapping:
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Reviewed by:
Phil Horstman, Chicago District
Path:
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CHICAGO RIVER

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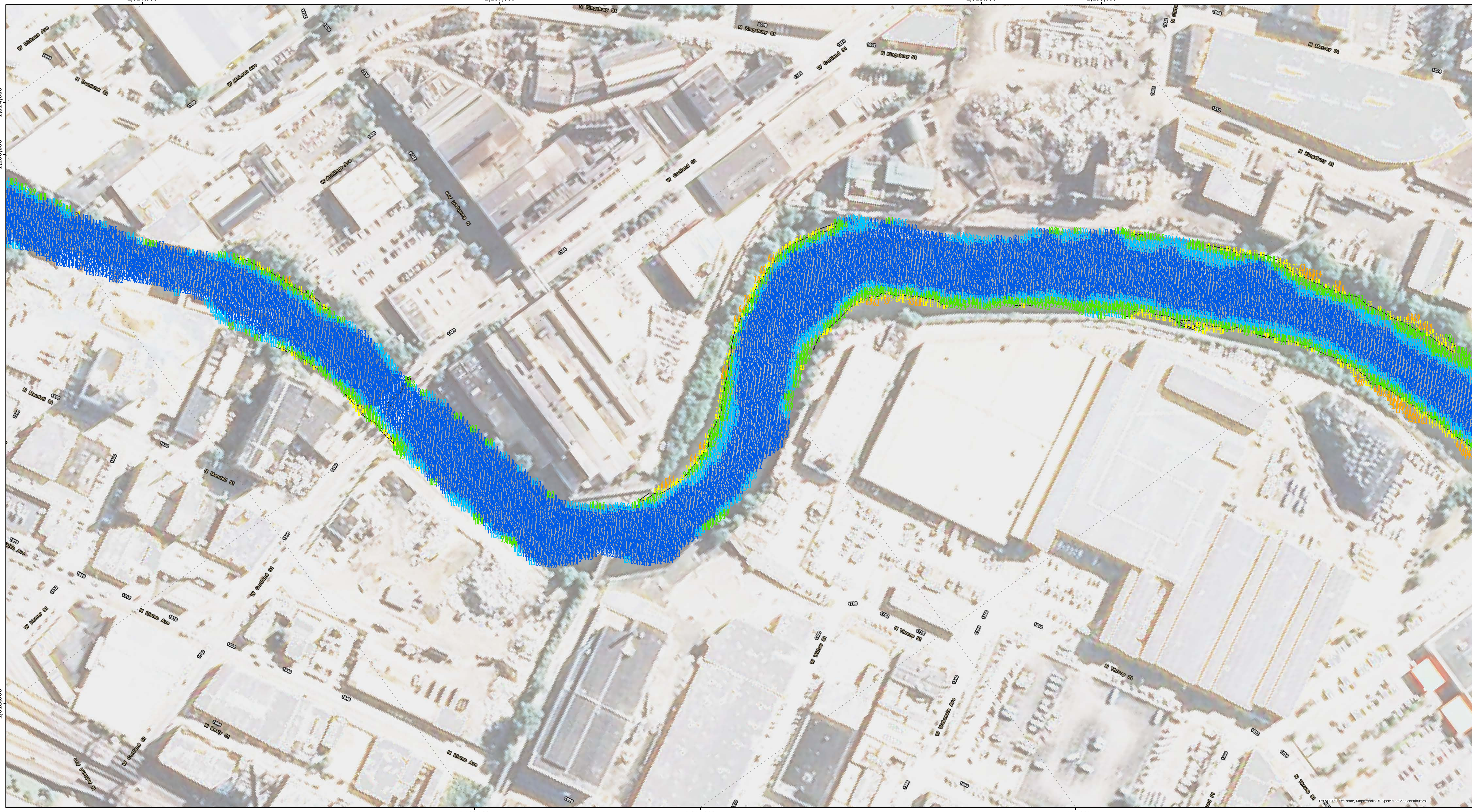
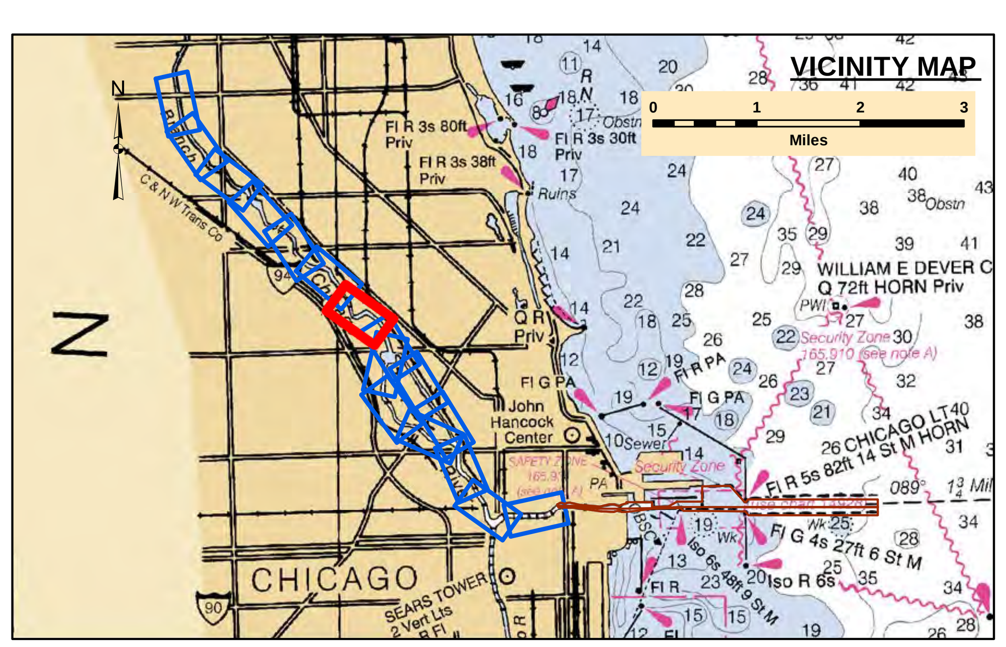
01 November 2017

Sheet Reference Number
9 of 16

Revison Number:
3.161-20180112





LEGEND

Federal Navigation Channel	Cable Area	Shoaling Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
Cable Submarine	Anchorage Area	Beacon, General
Cable Overhead	Obstruction Point	Red Navigation Buoy
Contour Line	Wrecks-Submerged	Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detriot District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
Path: G:\eHydro\products\MXD\LC_11_CHR_20171101_CS_10.mxd

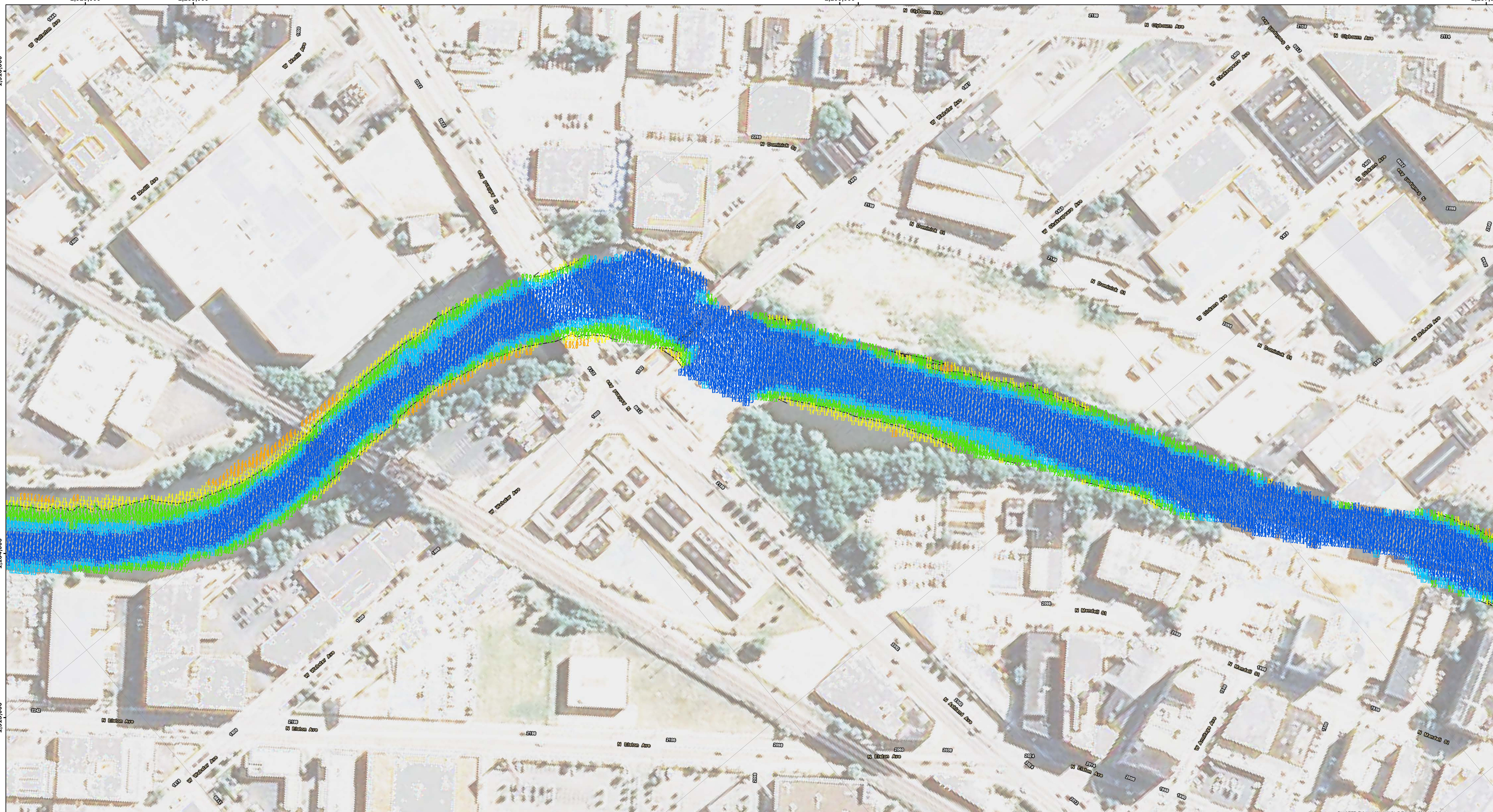
CHICAGO RIVER

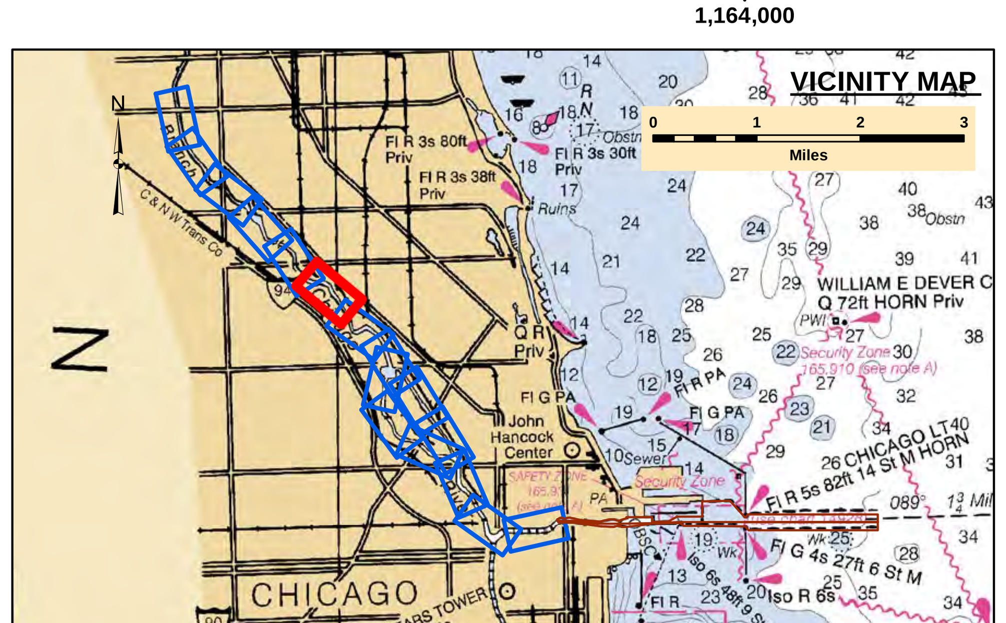
LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number
10 of 16

Revison Number:
3.161-20180112





LEGEND

Federal Navigation Channel	Cable Area	Shoaling Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
Cable Submarine	Anchorage Area	Beacon, General
Cable Overhead	Obstruction Point	Red Navigation Buoy
Contour Line	Wrecks-Submerged	Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by:
Jim Mrozek, Detriot District
Mapping:
JD Ennis, Chicago District
Reviewed by:
Phil Horstman, Chicago District
Path:
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CHICAGO RIVER

LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number
11 of 16

Revison Number:
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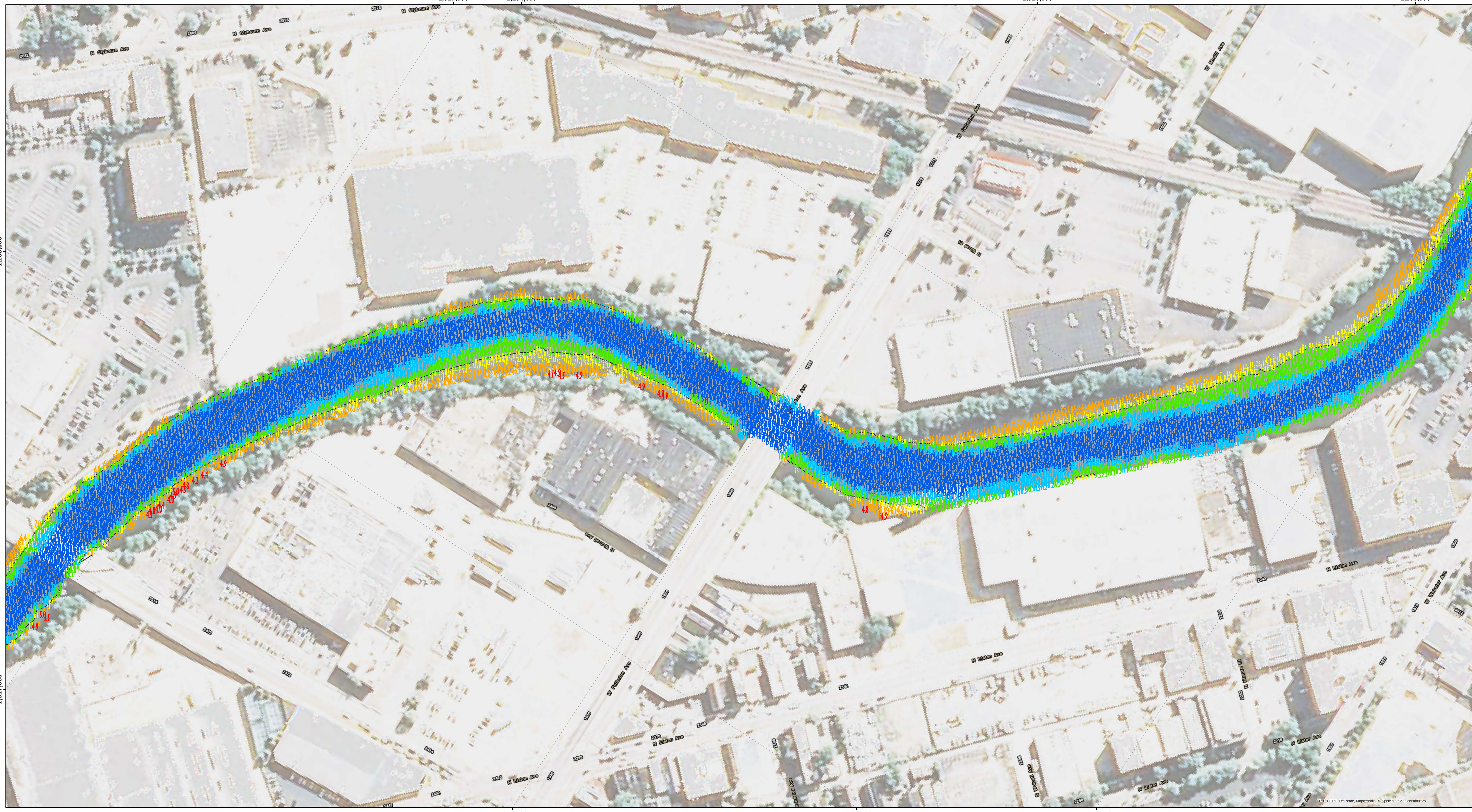

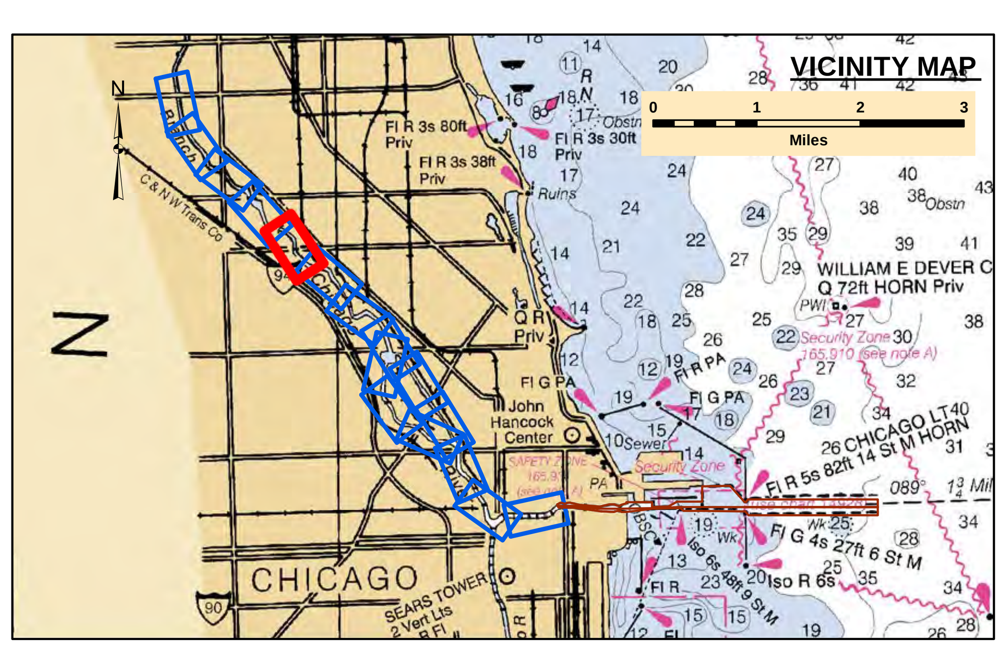

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

Surveyed by:
Jim Mrozek, Detriot District
Mapping:
JD Ennis, Chicago District
Reviewed by:
Phil Horstman, Chicago District

Path:
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CHICAGO RIVER

LC_11_CHR_20171101_CS_10

01 November 2017

Sheet Reference Number

12 of 16

Revison Number:
3.161-20180112

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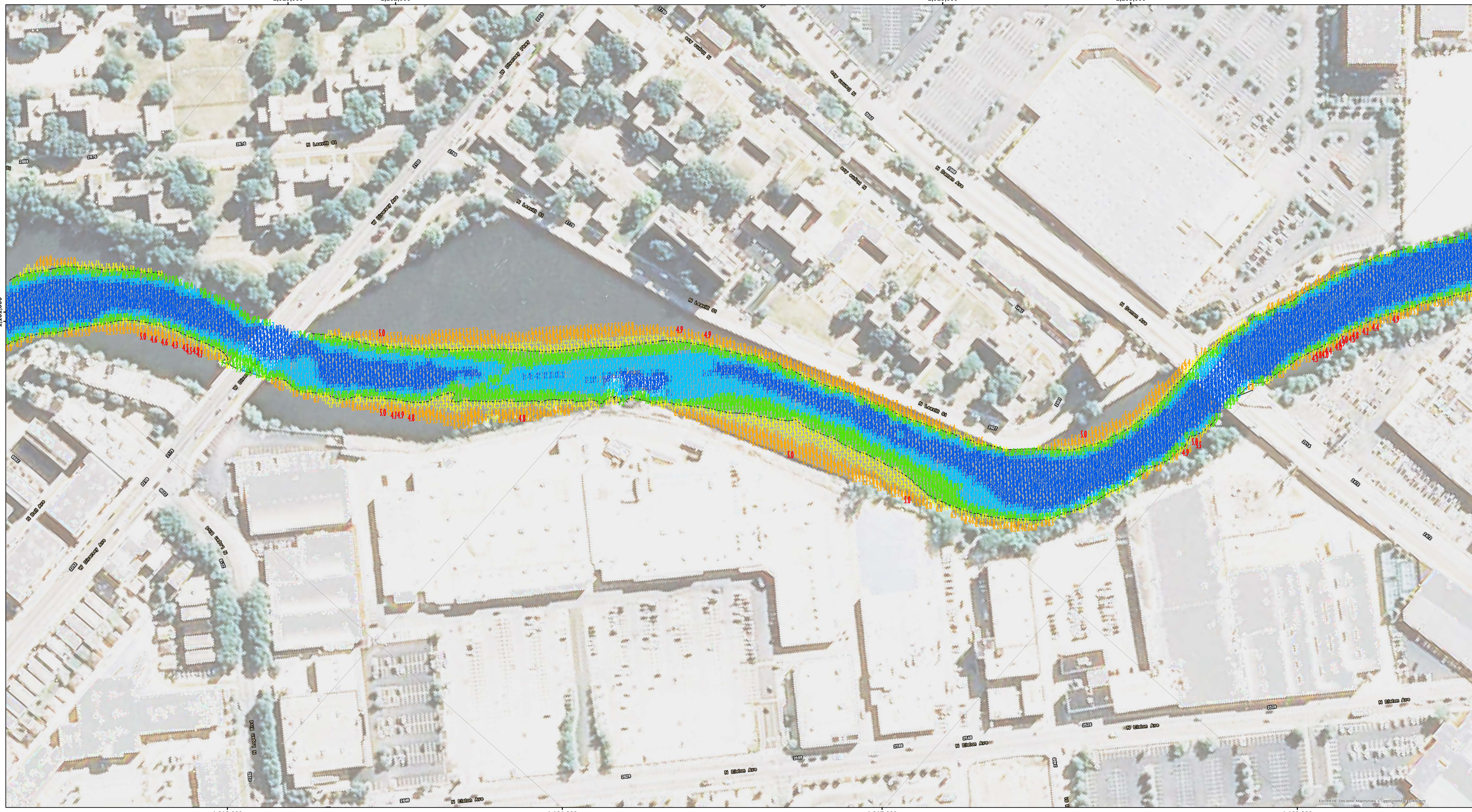

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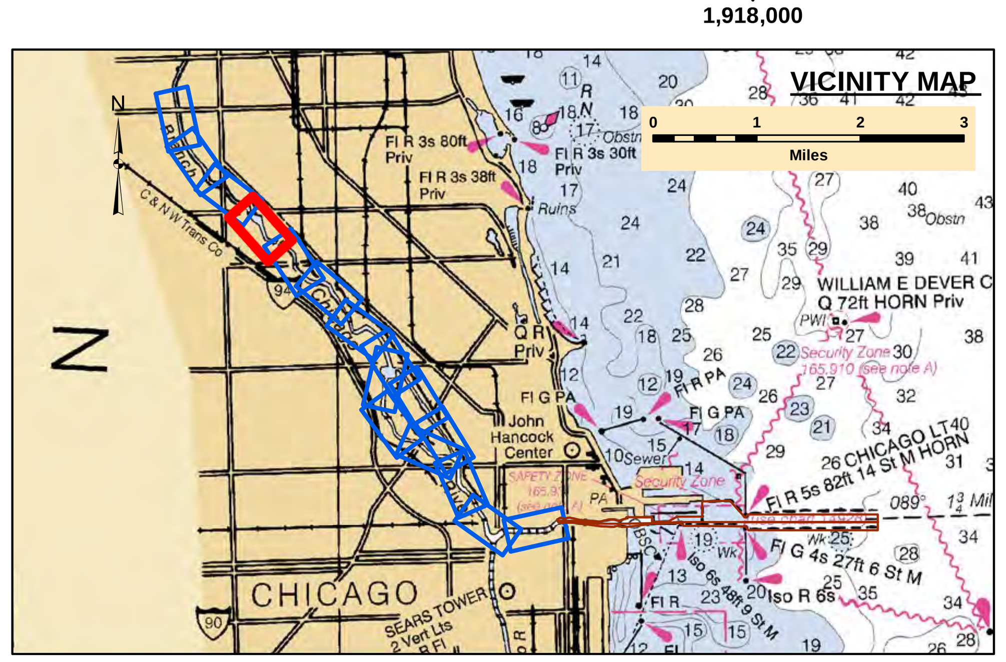

LEGEND

Federal Navigation Channel	Cable Area	Shoaling Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
Cable Submarine	Anchorage Area	Beacon, General
Cable Overhead	Obstruction Point	Red Navigation Buoy
Contour Line	Wrecks-Submerged	Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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District: CELRC

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**U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS**

Surveyed by:
Jim Mrozek, Detriot District
Mapping:
JD Ennis, Chicago District
Reviewed by:
Phil Horstman, Chicago District
Path:
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CHICAGO RIVER
LC_11_CHR_20171101_CS_10
01 November 2017

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13 of 16

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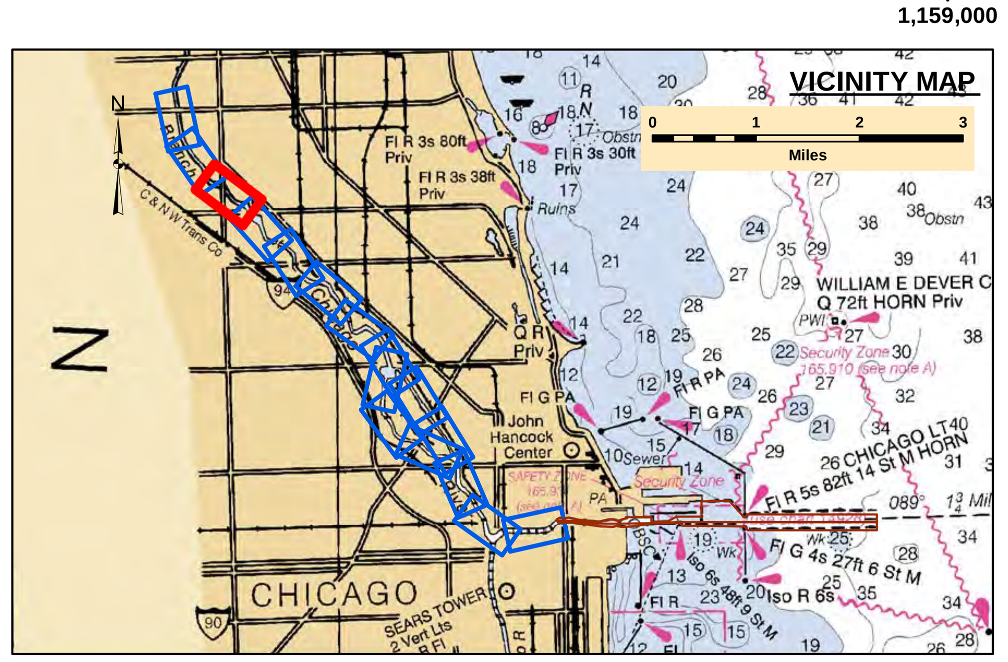

LEGEND

Federal Navigation Channel	Cable Area	Shoaling Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
Cable Submarine	Anchorage Area	Beacon, General
Cable Overhead	Obstruction Point	Red Navigation Buoy
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- 4+ Feet Above Authorized Channel Depth
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- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detriot District
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CHICAGO RIVER

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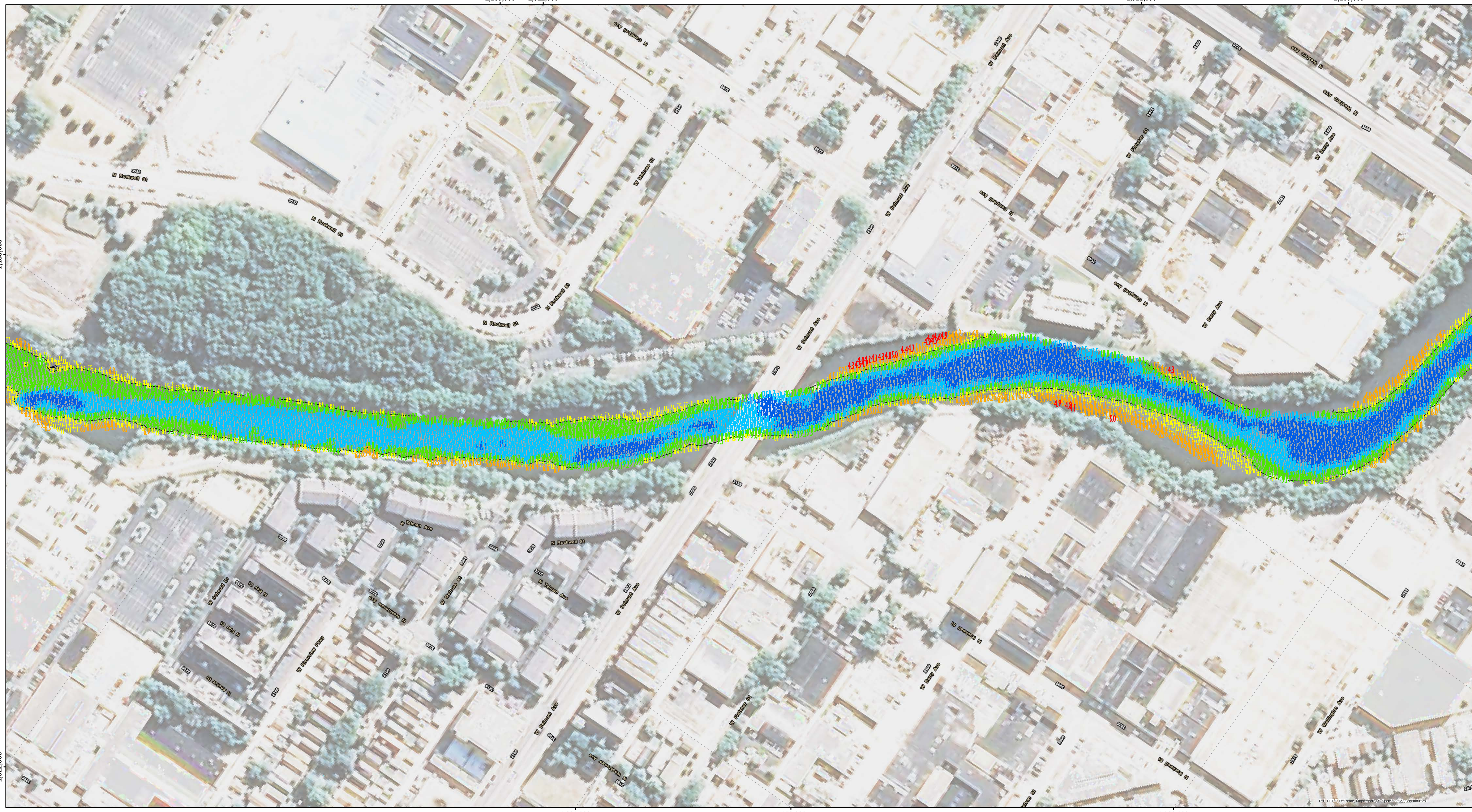

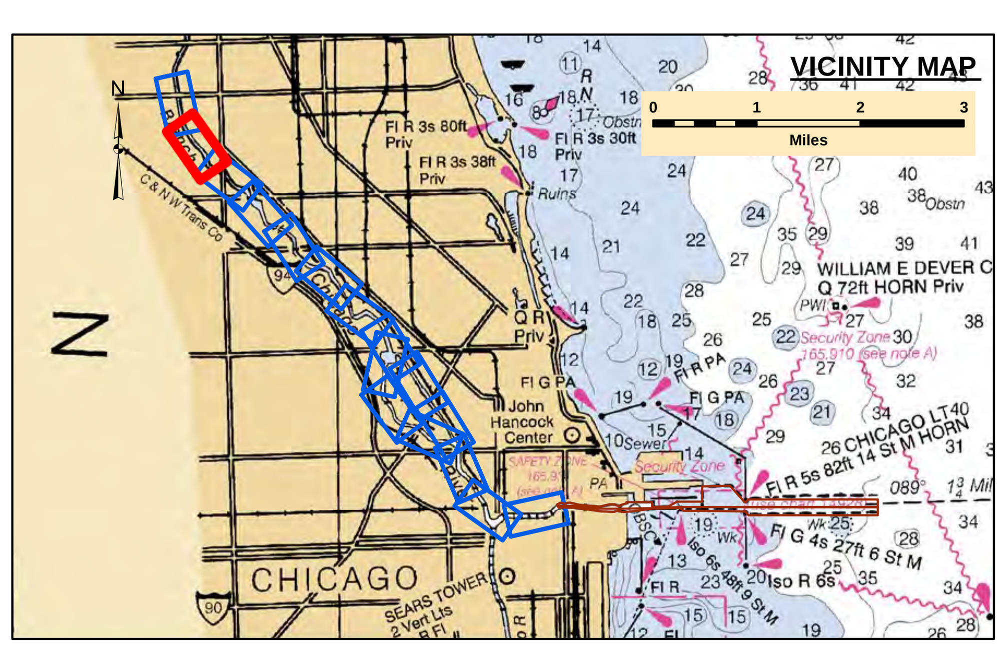

LEGEND

Federal Navigation Channel	Cable Area	Shoaling Area
Federal Navigation Center Line	Placement Area	Shoalest Sounding**
Cable Submarine	Anchorage Area	Beacon, General
Cable Overhead	Obstruction Point	Red Navigation Buoy
Contour Line	Wrecks-Submerged	Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
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UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

Feet
0 100 200

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by:
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CHICAGO RIVER
LC_11_CHR_20171101_CS_10
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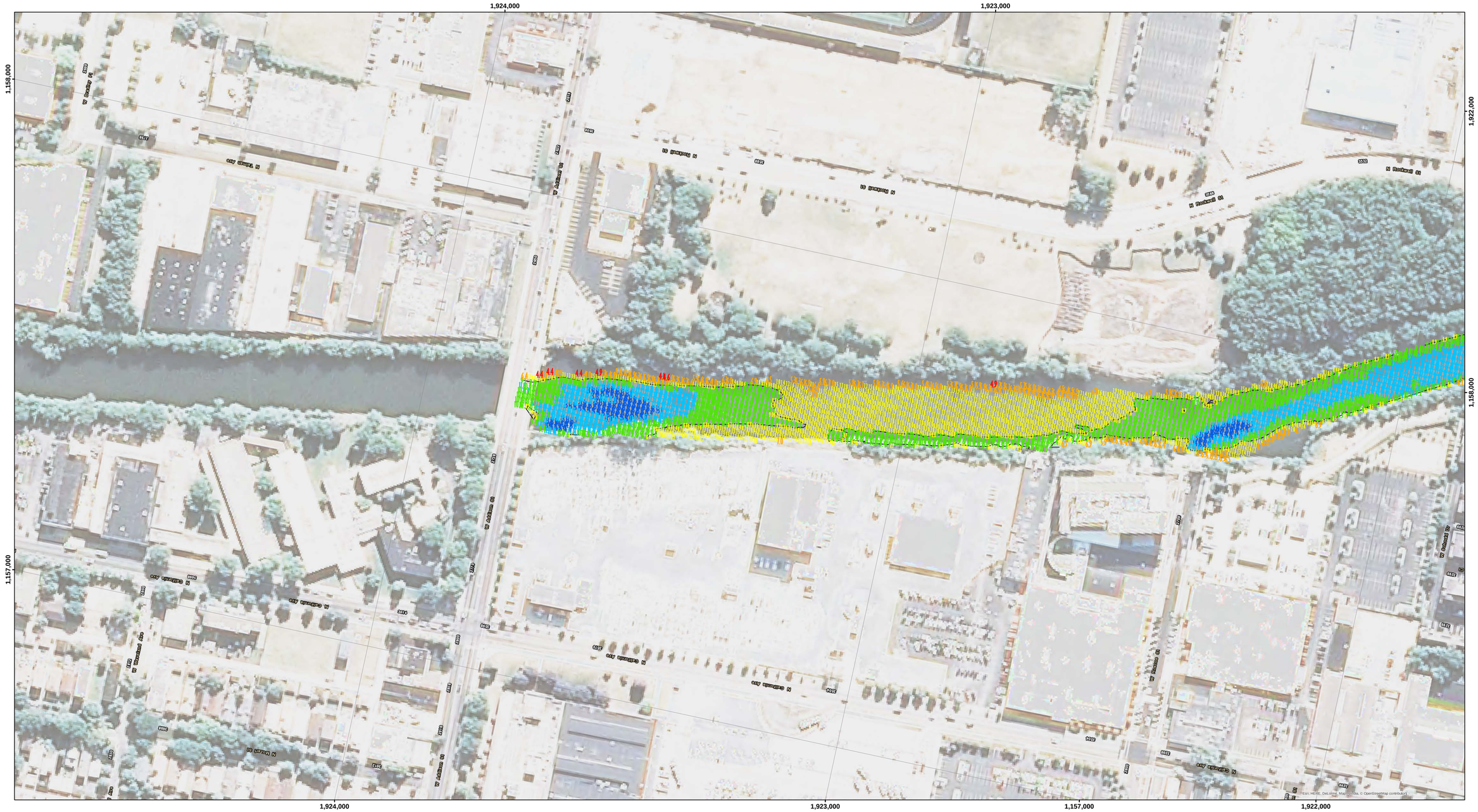

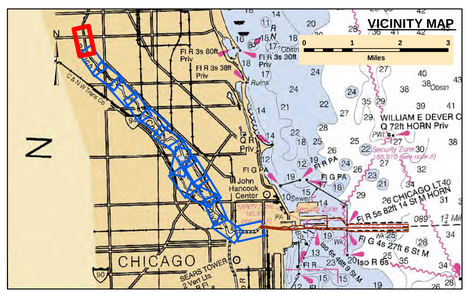

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
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29.0' APPROACH CHANNEL
28.0' OUTER HARBOR
21.0' INNER HARBOR
21.0' RIVER
DEPTH BELOW LOW WATER DATUM (LWD)

N W E S

Feet
0 100 200

NOTES:

THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH SOUNDING THE 10 FOOT BY 10 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.

ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT WAUKEGAN HARBOR, ILLINOIS. DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.

HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN DIFFERENTIAL SELECTION. THE DGPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE POS/MV VER 4.0

GRID COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, ILLINOIS EAST (1201), NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON DATE SHOWN AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

US Army Corps of Engineers
District: CELRC

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

CHICAGO RIVER

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