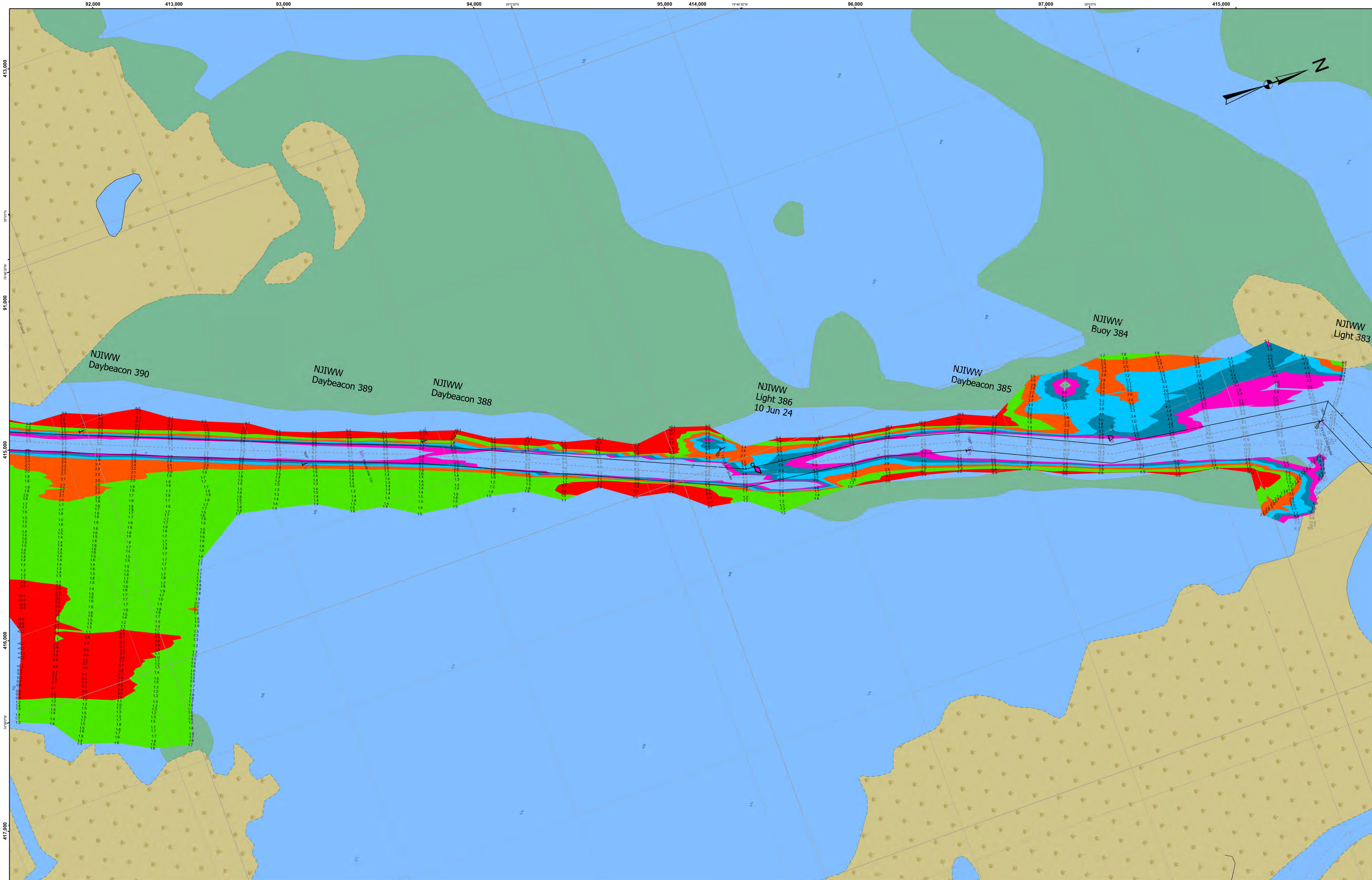


US Army Corps of Engineers
Philadelphia District

MKR #383 to MKR #393 -- 10 JUN 24
MKR #393 to MKR #416 -- 11 JUN 24
MKR #416 to MKR #427 -- 08 JUL 25
MKR #427 to MKR #436 -- 18 SEP 25
MKR #436 to MKR #441 -- 13 JUN 24

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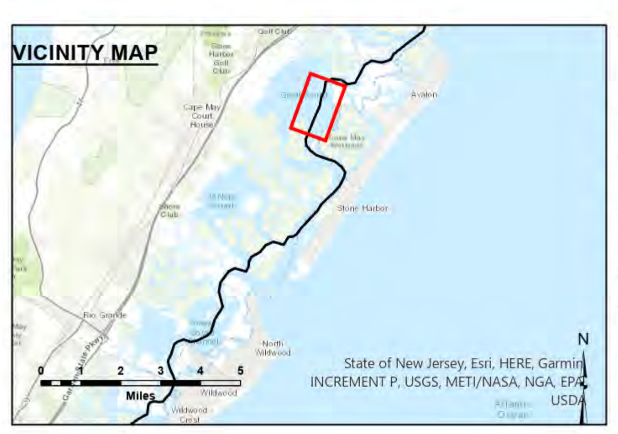
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U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

Surveyed By:
Drawing No:
Plotted By: E. Anthony
Plot Scale:
Checked By:
Approved: Chief, Surveys Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 15 - MKR #383 to MKR #441
EXAMINATION

E-IW-48



THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, U.S. FOOT.

VERTICAL REFERENCE – MEAN LOWER LOW WATER, WHICH IS 2.73' BELOW N.A.V.D. 88.

GEOID 18 AND NOAA TIDAL EPOCH: 1983 – 2001 WERE USED. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.

THE INFORMATION DEPICTED ON THIS MAP REPRESENT THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

THE POSITIONS OF THE AIDS TO NAVIGATION ARE PROVIDED FOR INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.

THE LIMITS OF THE FEDERAL CHANNEL DEPICT THE MOST CURRENT CHANNEL FRAMEWORK AVAILABLE WHICH CAN ALSO BE DOWNLOADED HERE:

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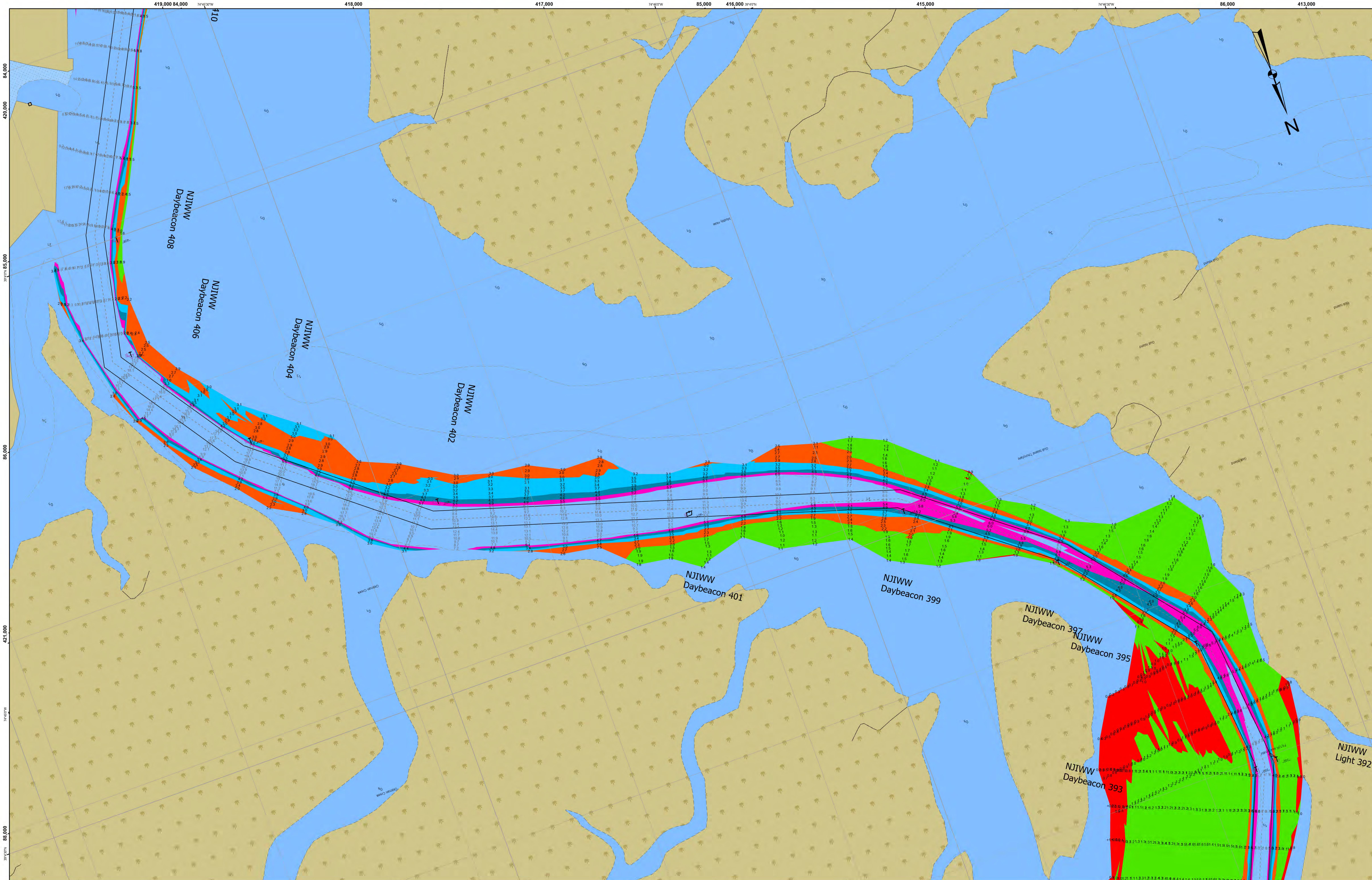
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TEMPORAL CHANGES MAY HAVE OCCURRED SINCE THIS DATA SET WAS COLLECTED AND SOME PARTS OF THE DATA MAY NO LONGER BE AN ACCURATE REPRESENTATION OF THE SURFACE CONDITIONS.

Scale in Feet
200 0 200 400 600

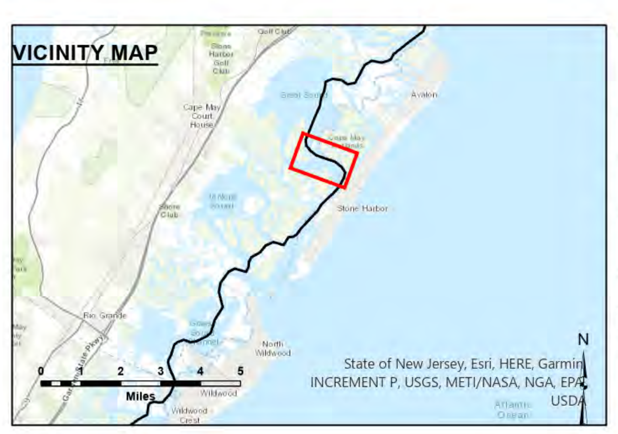
Legend

- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

Depth
6 - 50
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-1.1 - 1



VICINITY MAP



THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, U.S. FOOT.

VERTICAL REFERENCE – MEAN LOWER LOW WATER, WHICH IS 2.73' BELOW N.A.V.D. 88.

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Scale in Feet

200 0 200 400 600

Legend

- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 50
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-1.1 - 1

US Army Corps of Engineers
Philadelphia District

MKR #383 to MKR #393 -- 10 JUN 24
MKR #393 to MKR #416 -- 11 JUN 24
MKR #416 to MKR #427 -- 08 JUL 25
MKR #427 to MKR #436 -- 18 SEP 25
MKR #436 to MKR #441 -- 13 JUN 24

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U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

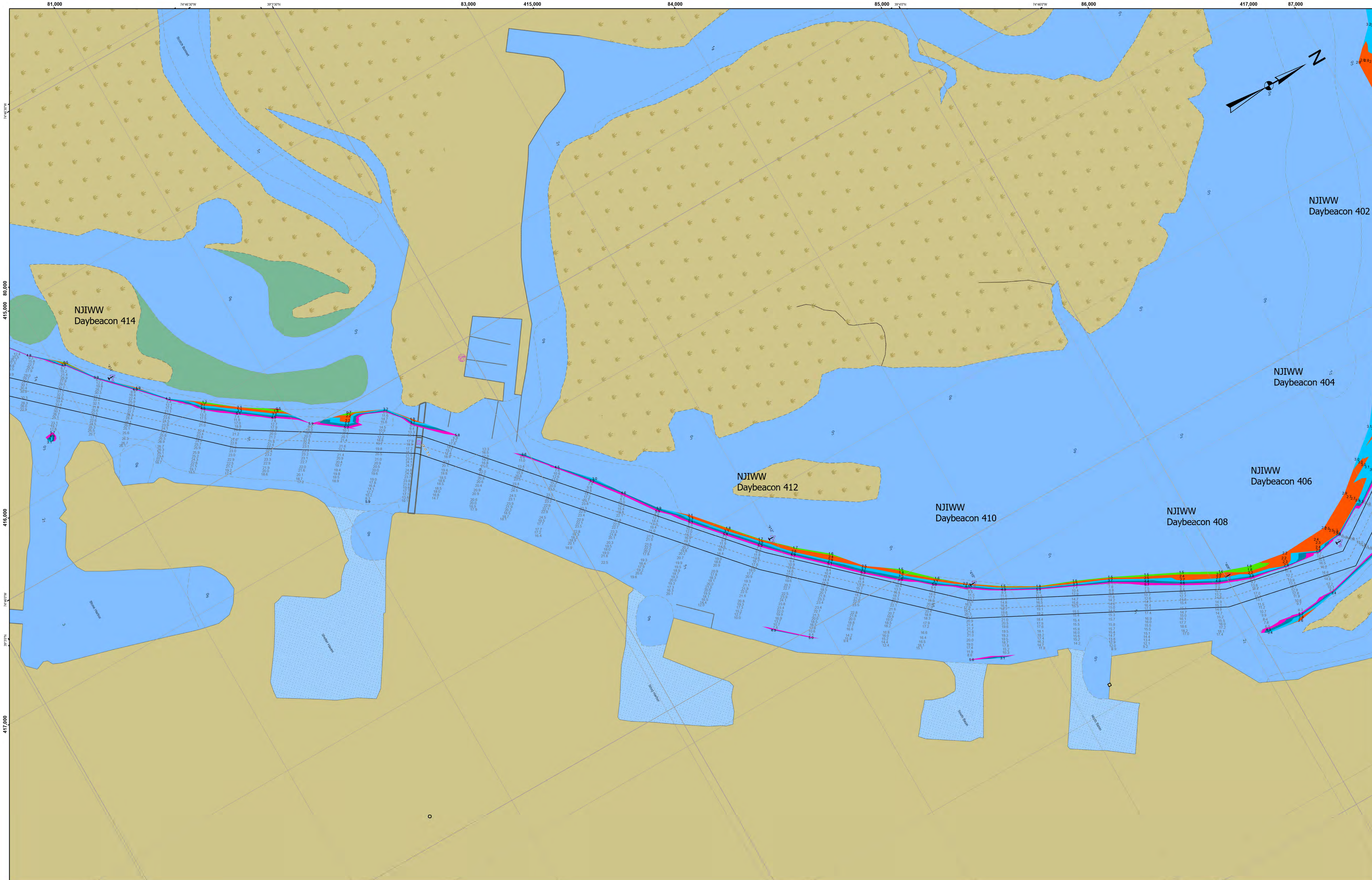
Surveyed By:
Drawing No:
Plotted By: E. Anthony
Plot Scale:
Checked By:
Approved: Chief, Surveys Section

NEW JERSEY INTRACOASTAL WATERWAY

IW 15 - MKR #383 to MKR #441

EXAMINATION

E-IW-48





THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, U.S. FOOT.

VERTICAL REFERENCE – MEAN LOWER LOW WATER, WHICH IS 2.73' BELOW N.A.V.D. 88.

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Scale in Feet

200 0 200 400 600

Legend

- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 50
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-1.1 - 1

US Army Corps of Engineers
Philadelphia District

MKR #383 to MKR #393 -- 10 JUN 24
MKR #393 to MKR #416 -- 11 JUN 24
MKR #416 to MKR #427 -- 08 JUL 25
MKR #427 to MKR #436 -- 18 SEP 25
MKR #436 to MKR #441 -- 13 JUN 24

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PHILADELPHIA DISTRICT

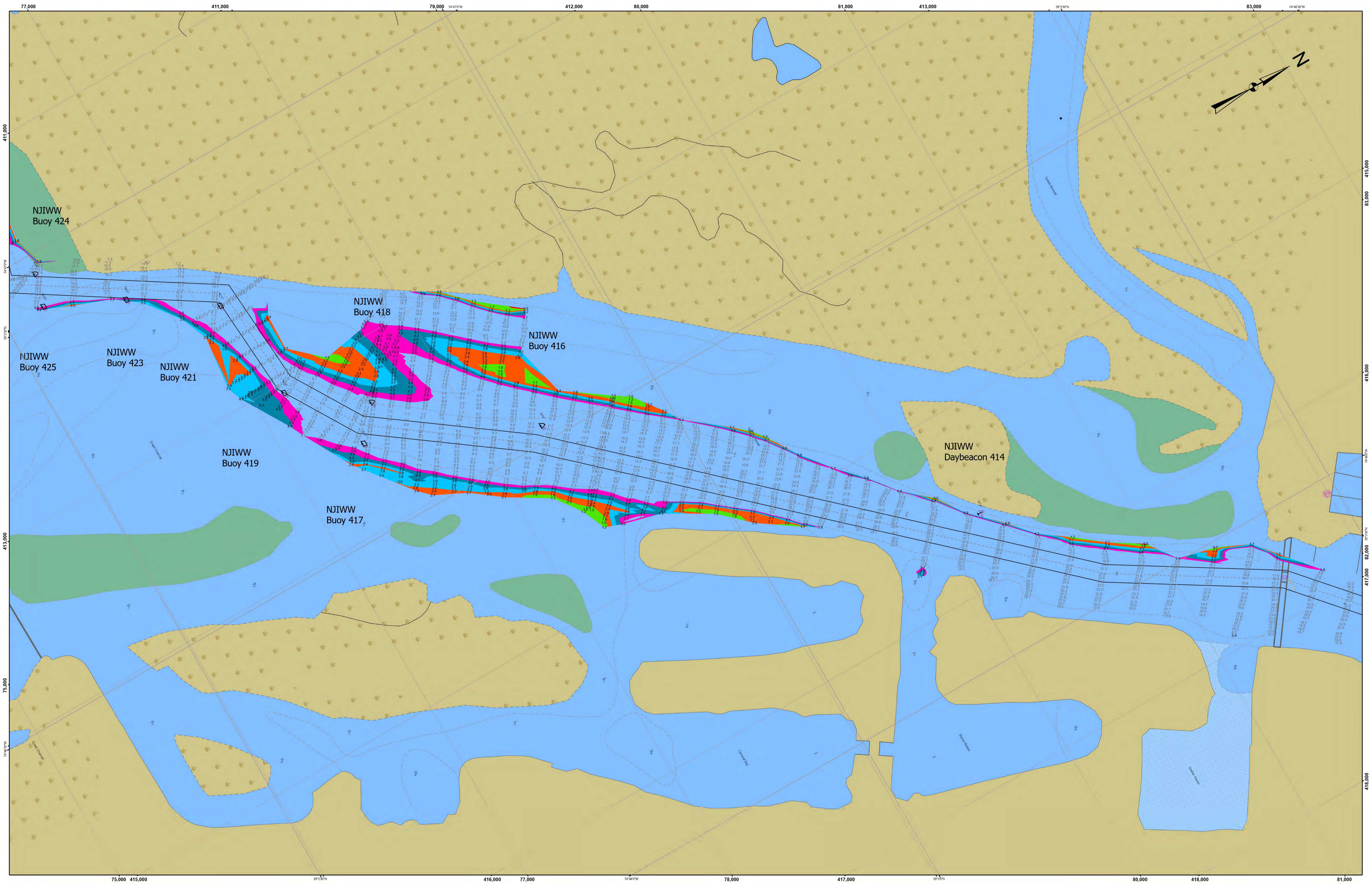
Surveyed By:
Drawing No:
Plotted By: E. Anthony
Plot Scale:
Checked By:
Approved: Chief, Surveys Section

NEW JERSEY INTRACOASTAL WATERWAY

IW 15 - MKR #383 to MKR #441

EXAMINATION

E-IW-48



US Army Corps of Engineers
Philadelphia District

MKR #383 to MKR #393 -- 10 JUN 24
MKR #393 to MKR #416 -- 11 JUN 24
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PHILADELPHIA DISTRICT

Surveyed By:
Drawing No:
Plotted By: E. Anthony
Plot Scale:
Checked By:
Approved: Chief, Surveys Section

NEW JERSEY INTRACOASTAL WATERWAY

IW 15 - MKR #383 to MKR #441

EXAMINATION

E-IW-48



THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, U.S. FOOT.

VERTICAL REFERENCE – MEAN LOWER LOW WATER, WHICH IS 2.73' BELOW N.A.V.D. 88.

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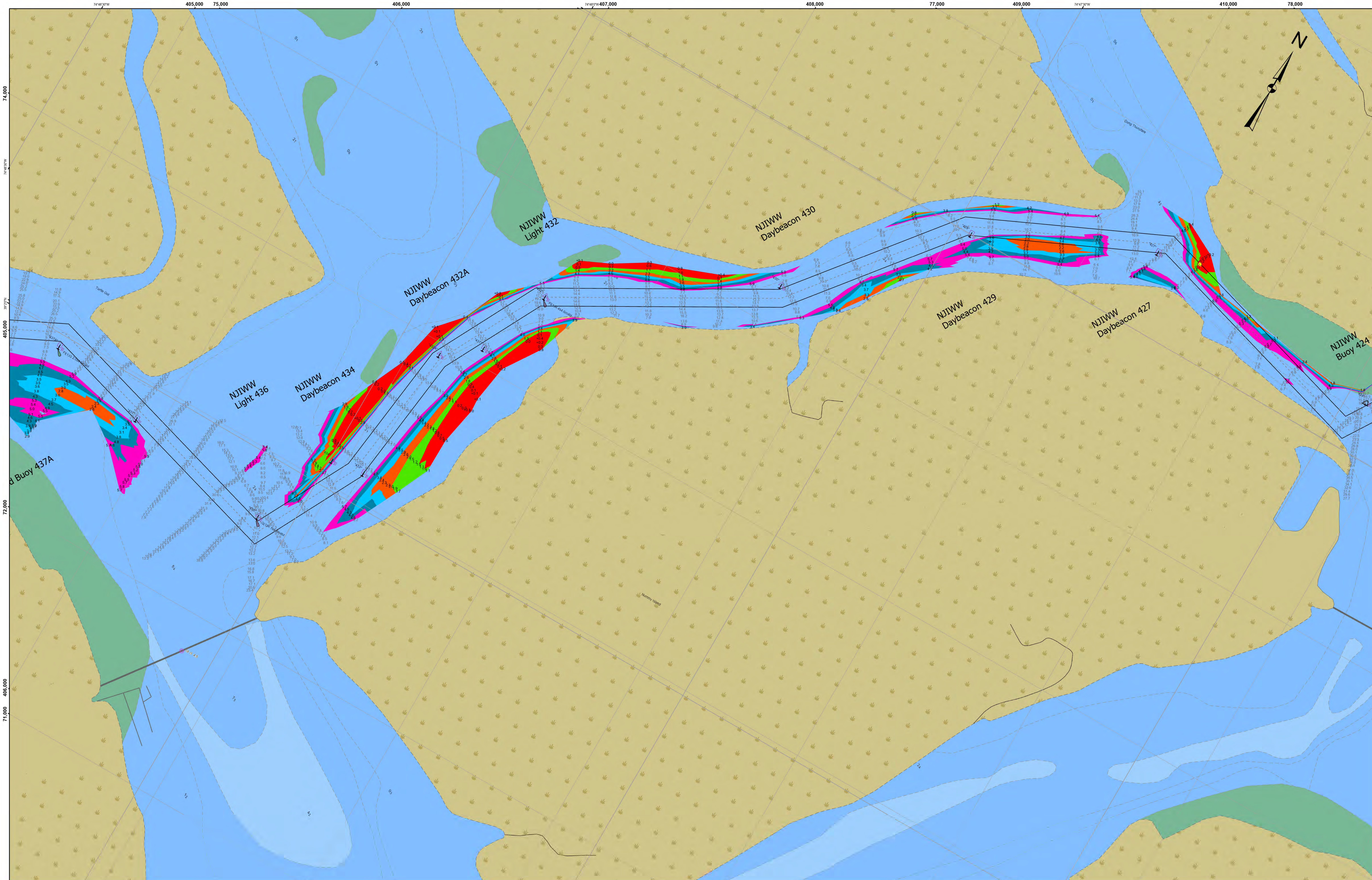
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Scale in Feet
200 0 200 400 600

Legend
- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 50
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-1.1 - 1



US Army Corps of Engineers
Philadelphia District

MKR #383 to MKR #393 -- 10 JUN 24
MKR #393 to MKR #416 -- 11 JUN 24
MKR #416 to MKR #427 -- 08 JUL 25
MKR #427 to MKR #436 -- 18 SEP 25
MKR #436 to MKR #441 -- 13 JUN 24

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PHILADELPHIA DISTRICT

Surveyed By:

Drawing No:

Plotted By: E. Anthony

Plot Scale:

Checked By:

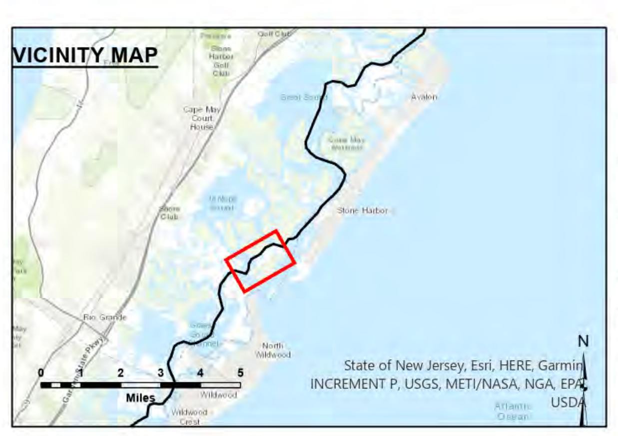
Approved: Chief, Surveys Section

NEW JERSEY INTRACOASTAL WATERWAY

IW 15 - MKR #383 to MKR #441

EXAMINATION

E-IW-48



THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

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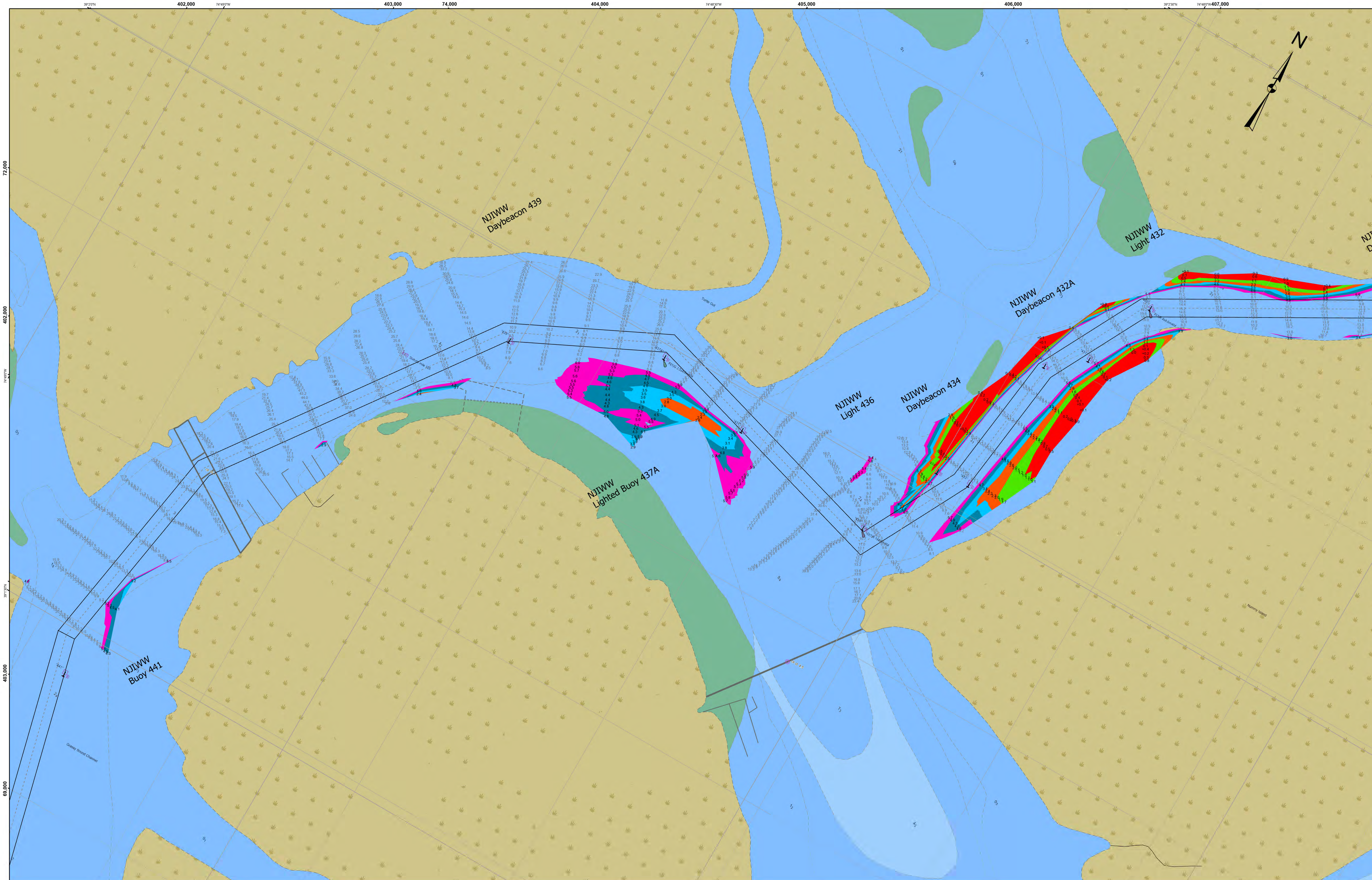
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Scale in Feet
200 0 200 400 600

Legend
- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 50
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-1.1 - 1



US Army Corps of Engineers
Philadelphia District

MKR #383 to MKR #393 -- 10 JUN 24
MKR #393 to MKR #416 -- 11 JUN 24
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U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

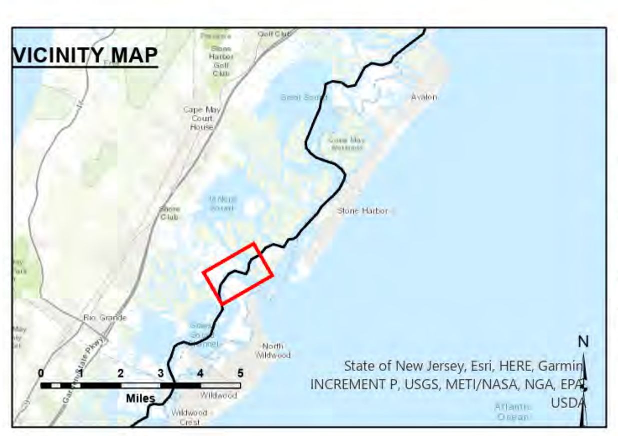
Surveyed By:
Drawing No:
Plotted By: E. Anthony
Plot Scale:
Checked By:
Approved: ______ Chief, Surveys Section

NEW JERSEY INTRACOASTAL WATERWAY

IW 15 - MKR #383 to MKR #441

EXAMINATION

E-IW-48



THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

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Scale in Feet
200 0 200 400 600

Legend

- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 50	
5 - 6	
4 - 5	
3 - 4	
2 - 3	
1 - 2	
-1.1 - 1	