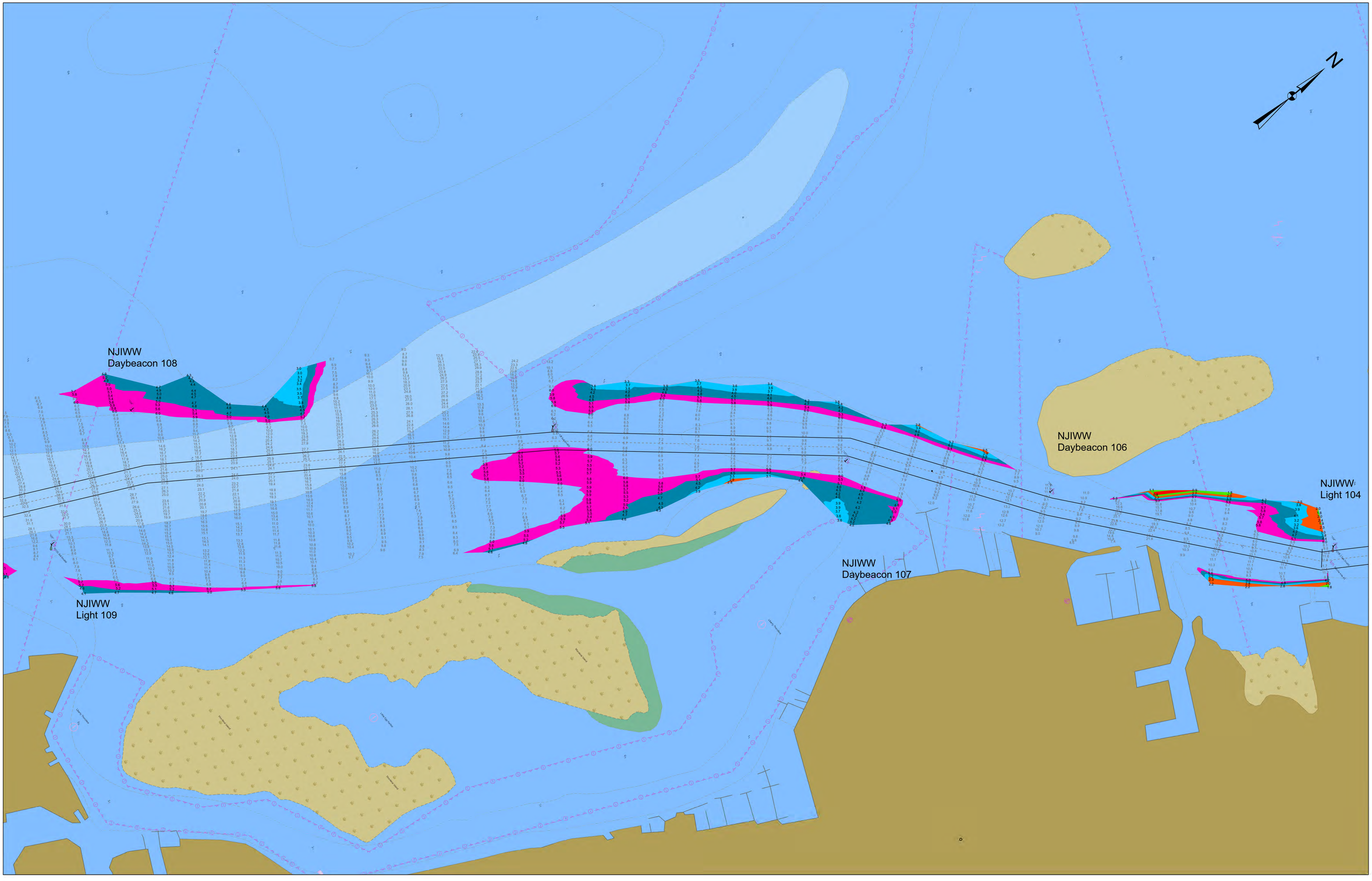


US Army Corps of Engineers Philadelphia District

MKR #104 to MKR #106 – 12 AUG 24
MKR #106 to MKR #109 – 22 DEC 25
MKR #109 to MKR #110 – 30 JAN 25
MKR #110 to MKR #117 – 03 FEB 25
MKR #117 to MKR #125 – 15 NOV 23
MKR #125 to MKR #128 – 16 NOV 23
MKR #128 to MKR #131 – 29 APR 26

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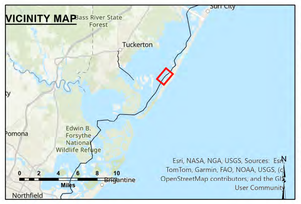
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Surveyed By:		Plotted By:	E. Anthony
U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT		Checked By:	
Drawing No:		Plot Scale:	
		Approved:	Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 08 - MKR #104 to MKR #131
EXAMINATION

IW-53



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 1.85' 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:

http://navigation.usace.army.mil/Survey/Framework

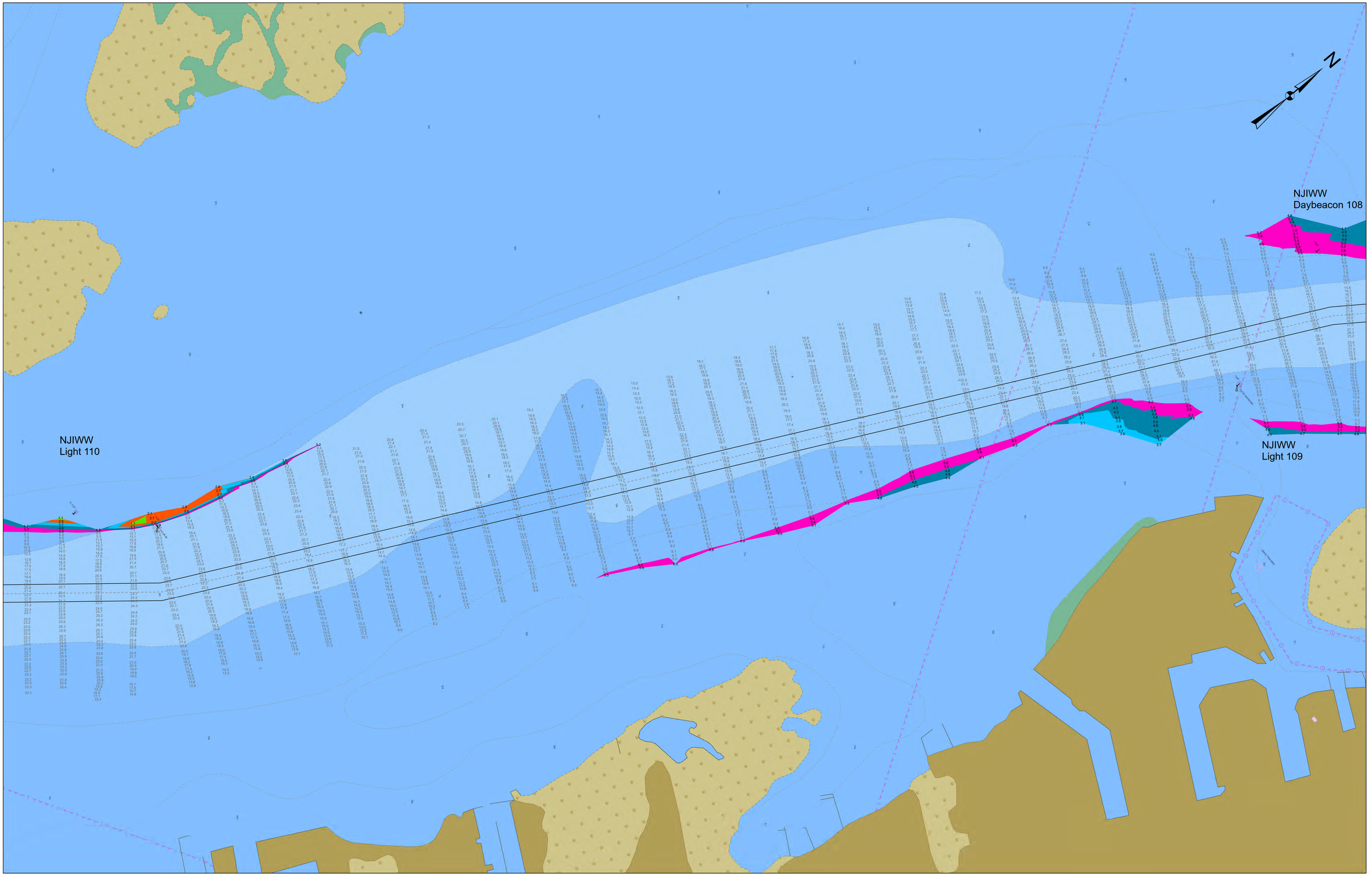
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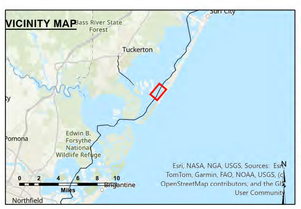
Scale in Feet
200 0 200 400 600

Legend

- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 55	
5 - 6	
4 - 5	
3 - 4	
2 - 3	
1 - 2	
-0.62 - 1	





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 1.85' 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.

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Scale in Feet
200 0 200 400 600

Legend

- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 55
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-0.62 - 1

US Army Corps of Engineers
Philadelphia District

MKR #104 to MKR #106 – 12 AUG 24
MKR #106 to MKR #109 – 22 DEC 25
MKR #109 to MKR #110 – 30 JAN 25
MKR #110 to MKR #117 – 03 FEB 25
MKR #117 to MKR #125 – 15 NOV 23
MKR #125 to MKR #128 – 16 NOV 23
MKR #128 to MKR #131 – 29 APR 26

DISCLAIMER
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U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

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

NEW JERSEY INTRACOASTAL WATERWAY
IW 08 - MKR #104 to MKR #131
EXAMINATION

IW-53

NJIWW
Buoy 114

NJIWW
Buoy 112

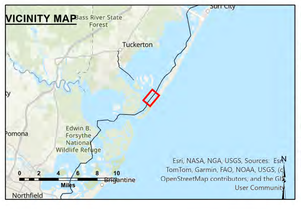
NJIWW
Light 110

NJIWW
Buoy 113

N

Channel Framework

Centerline



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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VERTICAL REFERENCE – MEAN LOWER LOW WATER, WHICH IS 1.85' 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 - 55	
5 - 6	
4 - 5	
3 - 4	
2 - 3	
1 - 2	
-0.62 - 1	

US Army Corps of Engineers
Philadelphia District

MKR #104 to MKR #106 – 12 AUG 24
MKR #106 to MKR #109 – 22 DEC 25
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MKR #128 to MKR #131 – 29 APR 26

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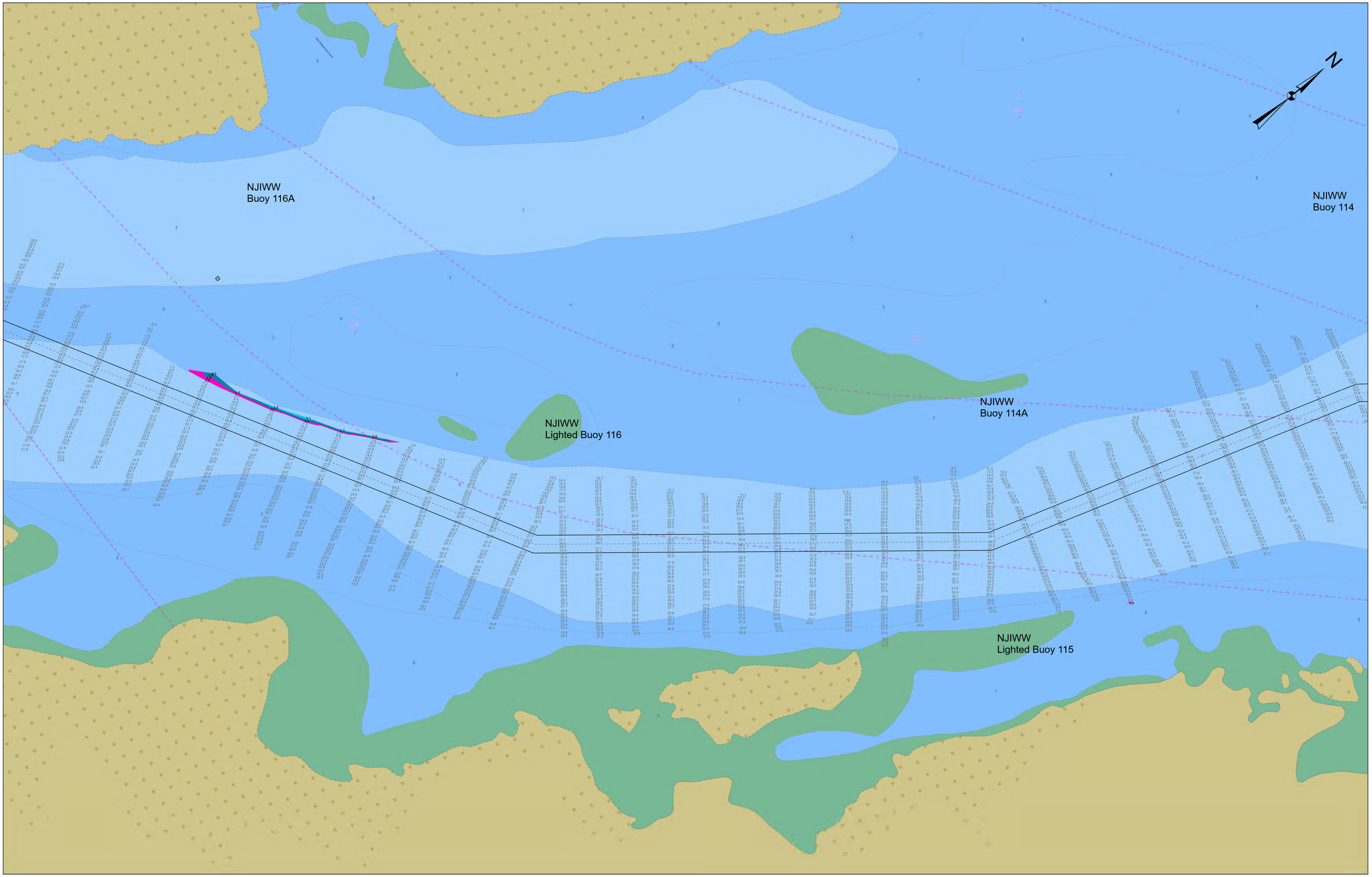
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Surveyed By:
U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT
Plotted By: E. Anthony
Drawing No.
Plot Scale:
Checked By:
Approved: Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 08 - MKR #104 to MKR #131
EXAMINATION

IW-53



US Army Corps of Engineers Philadelphia District

MKR #104 to MKR #106 – 12 AUG 24
MKR #106 to MKR #109 – 22 DEC 25
MKR #109 to MKR #110 – 30 JAN 25
MKR #110 to MKR #117 – 03 FEB 25
MKR #117 to MKR #125 – 15 NOV 23
MKR #125 to MKR #128 – 16 NOV 23
MKR #128 to MKR #131 – 29 APR 26

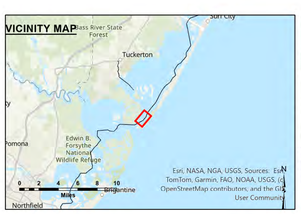
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Surveyed By:
U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT
Plotted By: E. Anthony
Checked By:
Drawing No:
Xhd Scale:
Approved:
Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 08 - MKR #104 to MKR #131
EXAMINATION

IW-53



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 1.85' 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.

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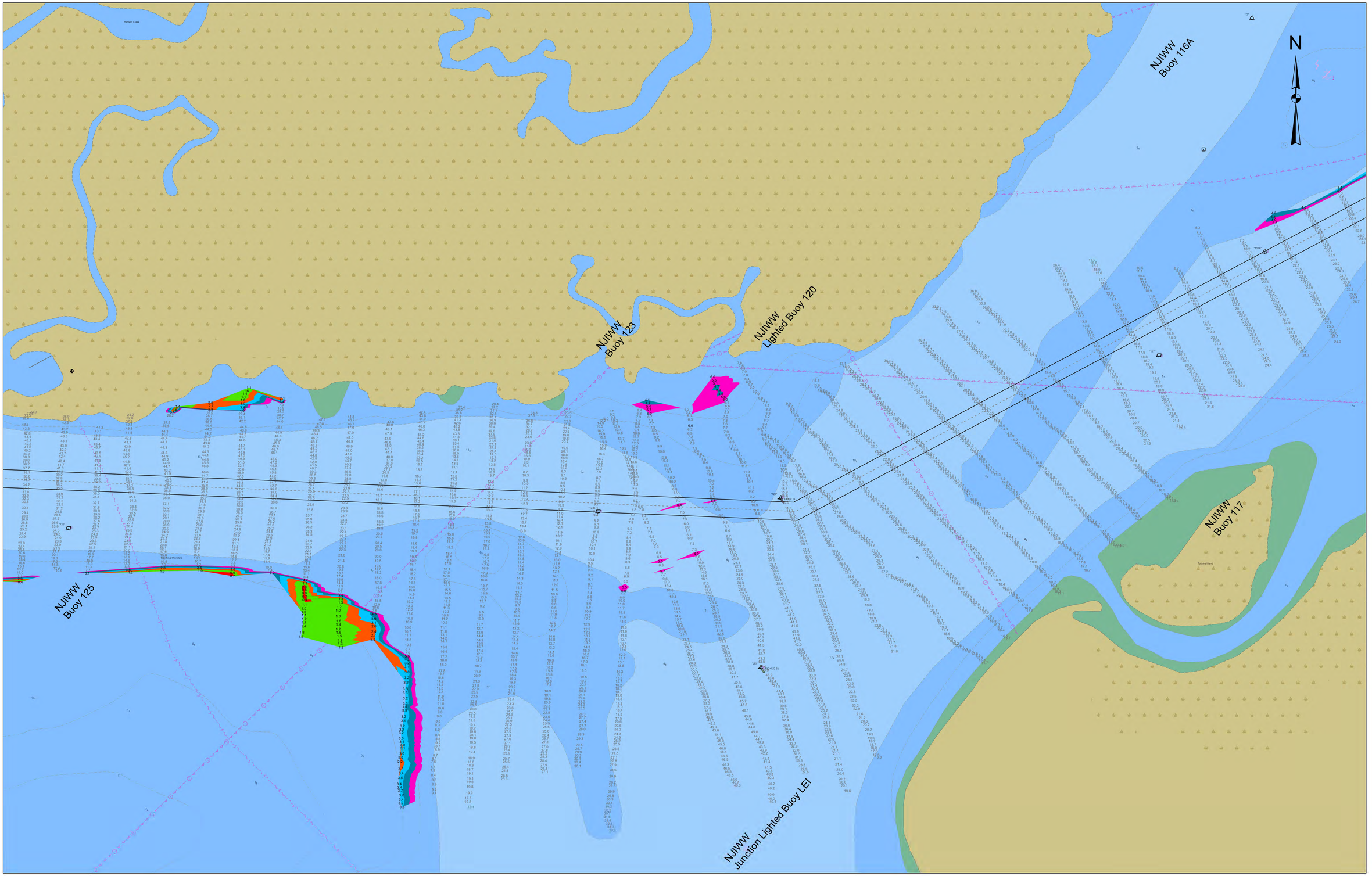
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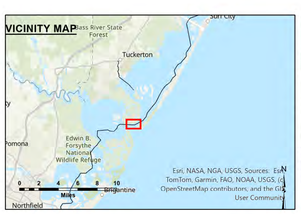
Scale in Feet
200 0 200 400 600

Legend

- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 55	
5 - 6	
4 - 5	
3 - 4	
2 - 3	
1 - 2	
-0.62 - 1	





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 - 55
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-0.62 - 1

US Army Corps of Engineers
Philadelphia District

MKR #104 to MKR #106 – 12 AUG 24
MKR #106 to MKR #109 – 22 DEC 25
MKR #109 to MKR #110 – 30 JAN 25
MKR #110 to MKR #117 – 03 FEB 25
MKR #117 to MKR #125 – 15 NOV 23
MKR #125 to MKR #128 – 16 NOV 23
MKR #128 to MKR #131 – 29 APR 26

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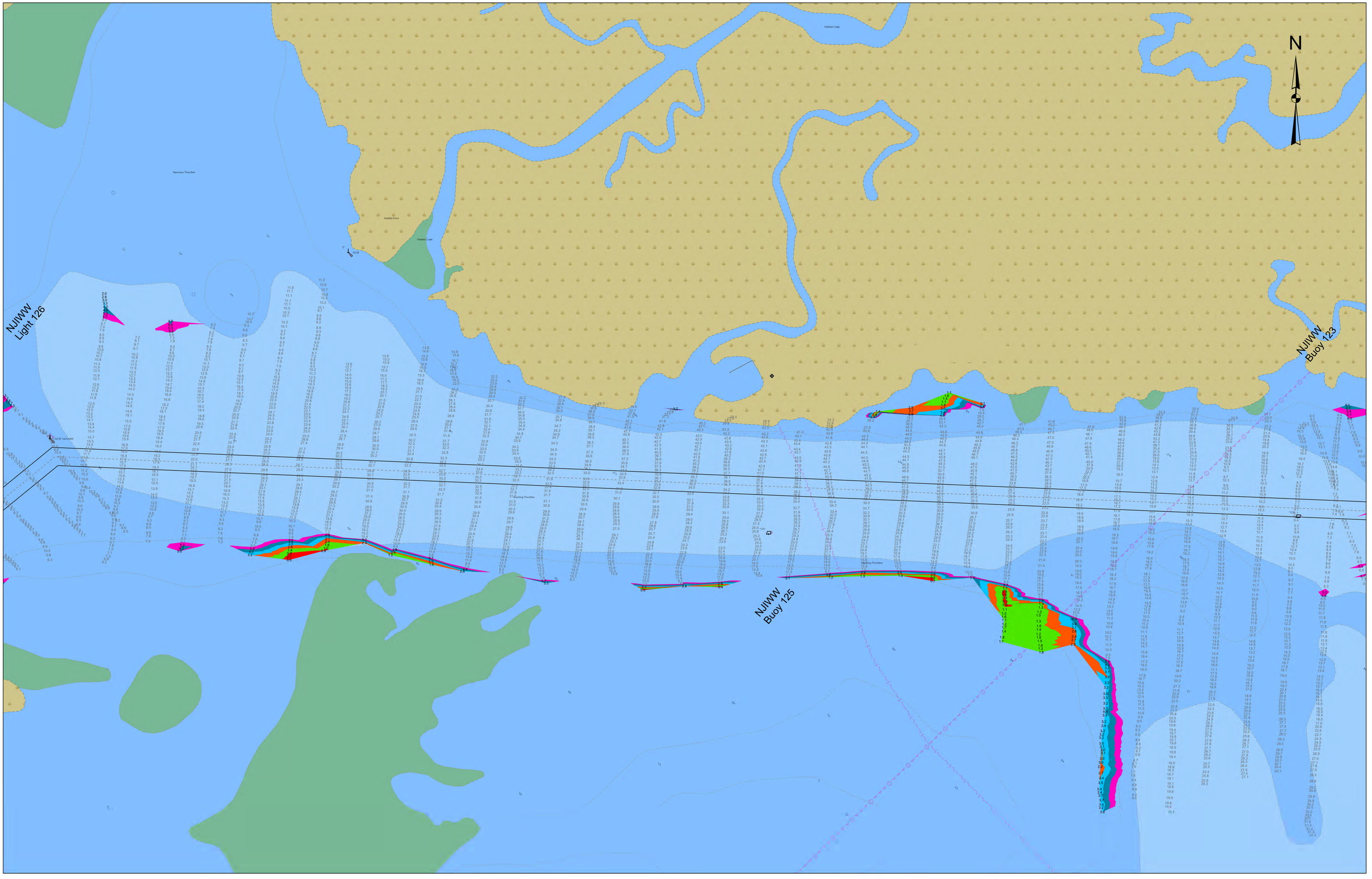
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Surveyed By:
U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT
Plotted By: E. Anthony
Checked By:
Drawing No:
Xref Scale:
Approved: Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 08 - MKR #104 to MKR #131
EXAMINATION

IW-53



US Army Corps of Engineers
Philadelphia District

MKR #104 to MKR #106 – 12 AUG 24
MKR #106 to MKR #109 – 22 DEC 25
MKR #109 to MKR #110 – 30 JAN 25
MKR #110 to MKR #117 – 03 FEB 25
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MKR #128 to MKR #131 – 29 APR 26

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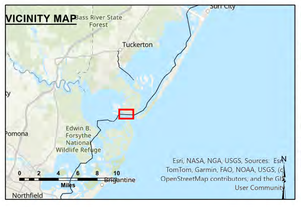
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Surveyed By:
U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT
Plotted By: E. Anthony
Checked By:
Drawing No:
Plot Scale:
Approved: Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 08 - MKR #104 to MKR #131
EXAMINATION

IW-53

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 1.85' 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.

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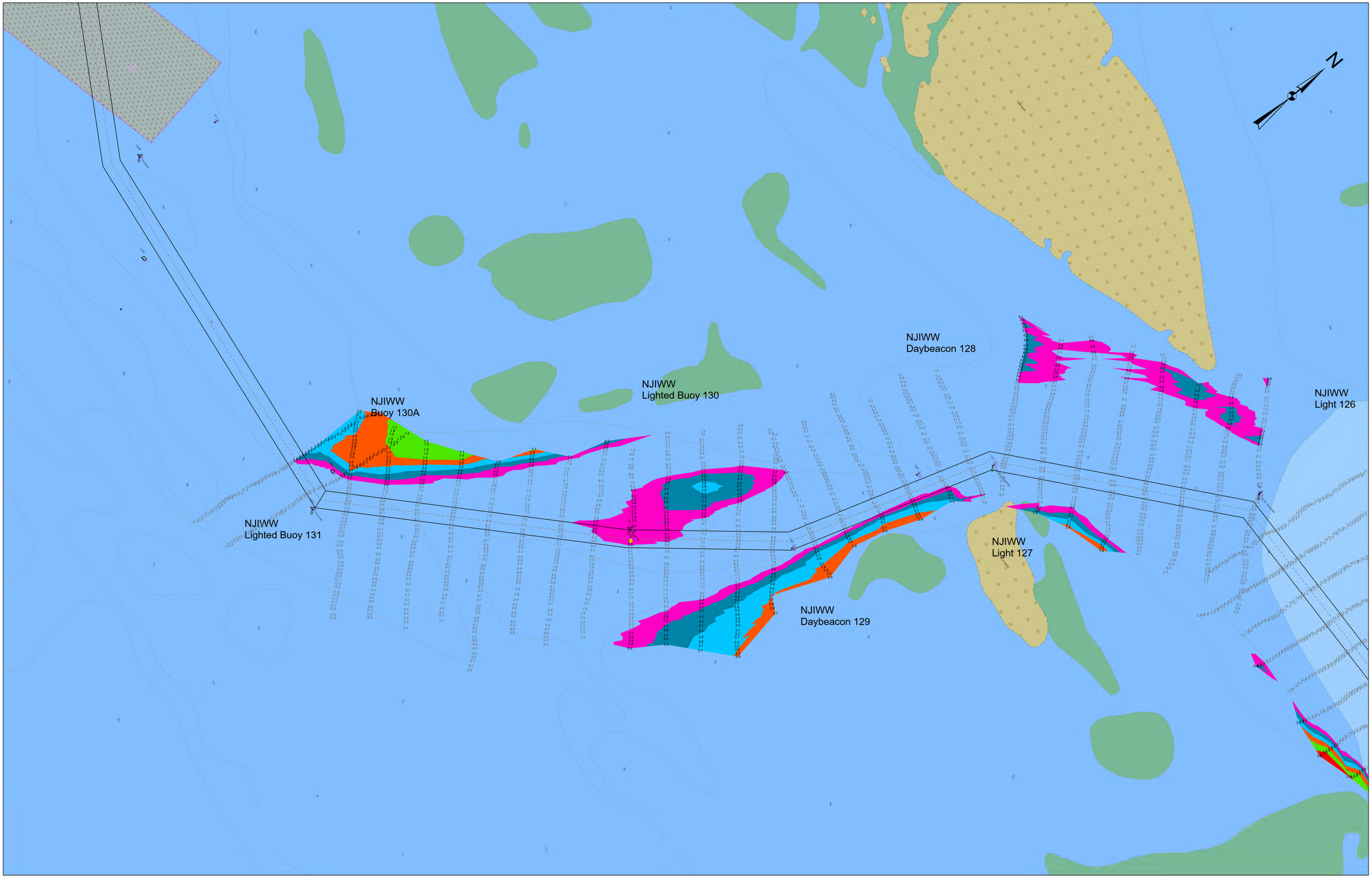
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Scale in Feet
200 0 200 400 600

Legend

- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 55	
5 - 6	
4 - 5	
3 - 4	
2 - 3	
1 - 2	
-0.62 - 1	



US Army Corps of Engineers
Philadelphia District

MKR #104 to MKR #106 – 12 AUG 24
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This data is provided for general information only. It is not to be used for navigation. The Corps of Engineers publishes the official navigation charts to be used in navigating the waterways. Any navigation charts or data by others than the Corps of Engineers constitutes unofficial information. Channel depths are determined accurate only at the time they are measured and only within the limits of the particular survey equipment, procedures, and other tools and equipment used to produce the survey. Channel depths are constantly changing due to storm effects and constantly changing the topography of the channel bottom. Survey data is processed using various computer plotting software have inherent inaccuracies, and of primary concern are the vessel motion sensor,

Surveyed By:
U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT
Plotted By: E. Anthony
Checked By:
Drawing No.
Plot Scale
Approved: Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 08 - MKR #104 to MKR #131
EXAMINATION

IW-53

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 1.85' 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:

http://navigation.usace.army.mil/Survey/Framework

BASE MAPPING LINEWORK OR ORTHOPHOTOGRAPHY HAS BEEN COMPILED FROM A VARIETY OF SOURCES AND DATES AND IS INTENDED TO PORTRAY GENERAL CHARACTERISTICS OF THE SHORELINE AND OTHER FEATURES. 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

6 - 55
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-0.62 - 1