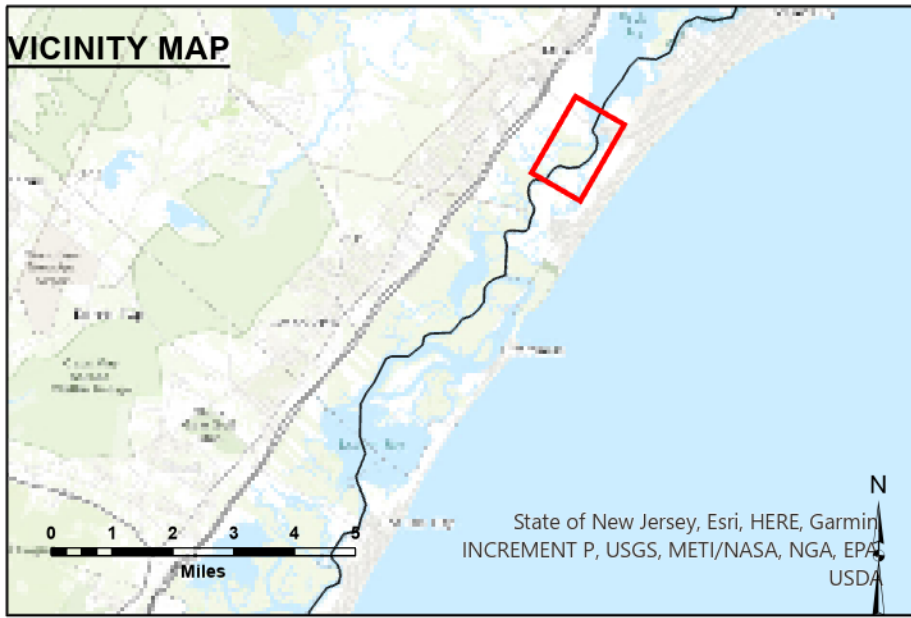
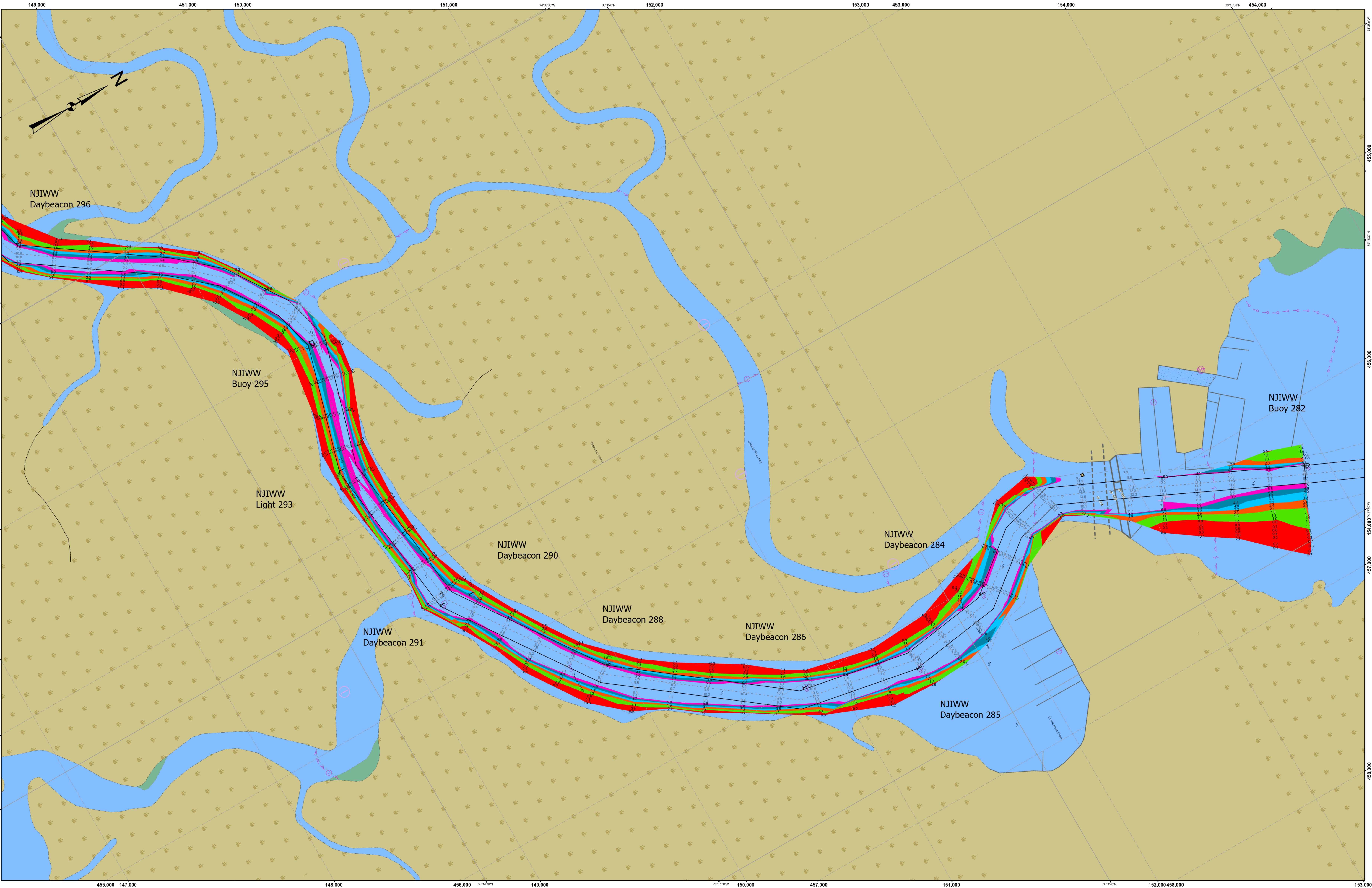




THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

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.

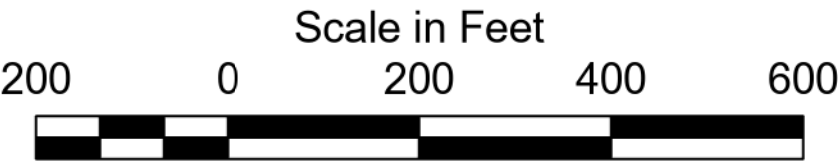
THE INFORMATION DEPICTED ON THIS MAP REPRESENT THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

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:

<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.



- Legend**
- Shoalest Sounding per Quarter 6 - 30
 - Channel Framework 5 - 6
 - Centerline 4 - 5
 - 3 - 4
 - 2 - 3
 - 1 - 2
 - 3.55 - 1



MKR #282 to 34th ST BRIDGE - 03 SEP 24
34th ST BRIDGE to MKR #310 - 05 JUN 24
MKR #310 to MKR #339 -- 02 AUG 23
MKR #339 to MKR #356 -- 01 AUG 23
MKR #356 to MKR #374 -- 27 JUL 23
MKR #374 to MKR #383 -- 20 JUL 23

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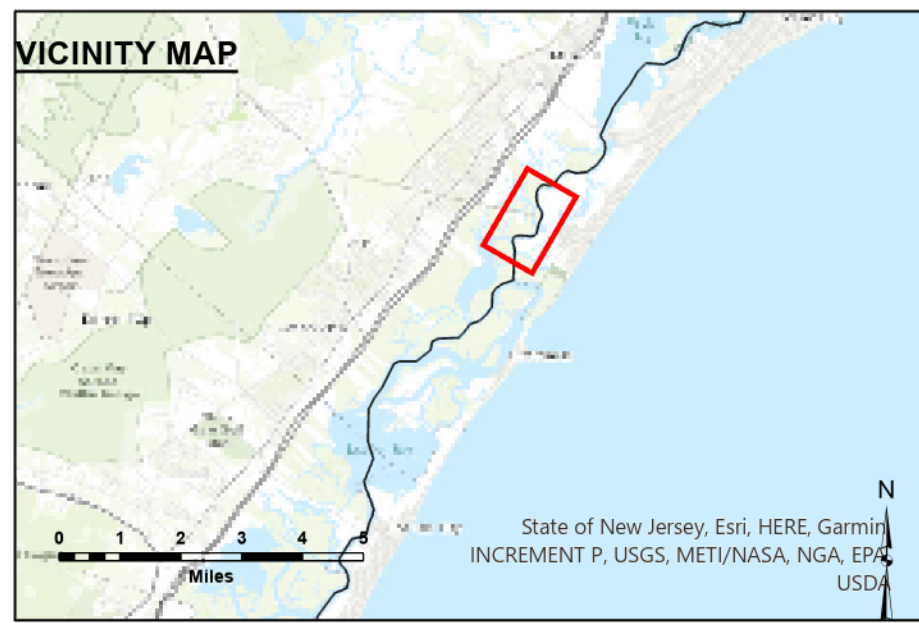
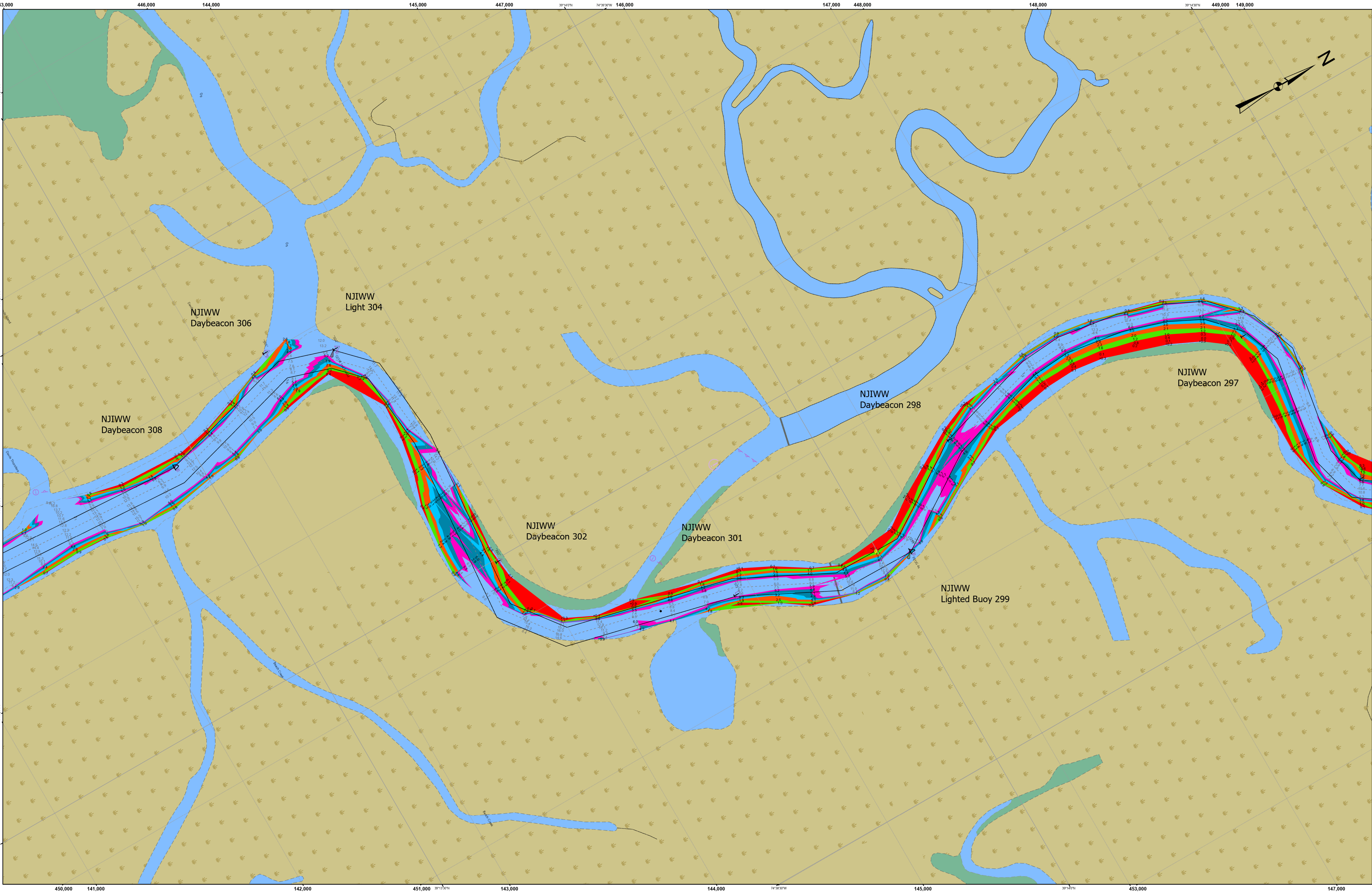
Surveyed By	Checked By
PHILADELPHIA DISTRICT	E. MILLER
Drawn By	Checked By
E. MILLER	
Scale	Approved
	Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY

IW 13 - MKR #282 to MKR #344

EXAMINATION

E-IW-39



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.

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Legend

- Shoalest Sounding per Quarter 6 - 30
- Channel Framework 5 - 6
- Centerline 4 - 5
- 3 - 4
- 2 - 3
- 1 - 2
- 3.55 - 1



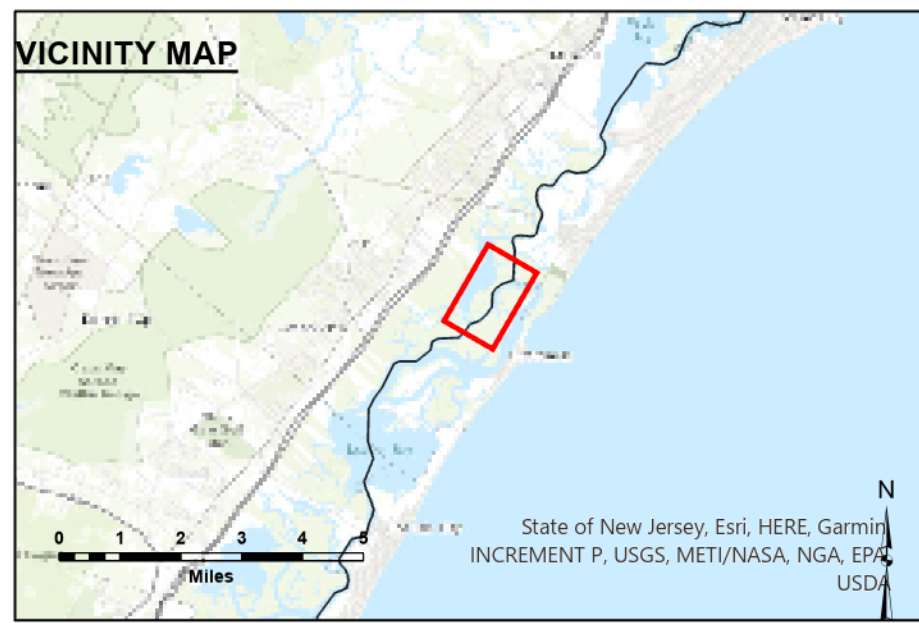
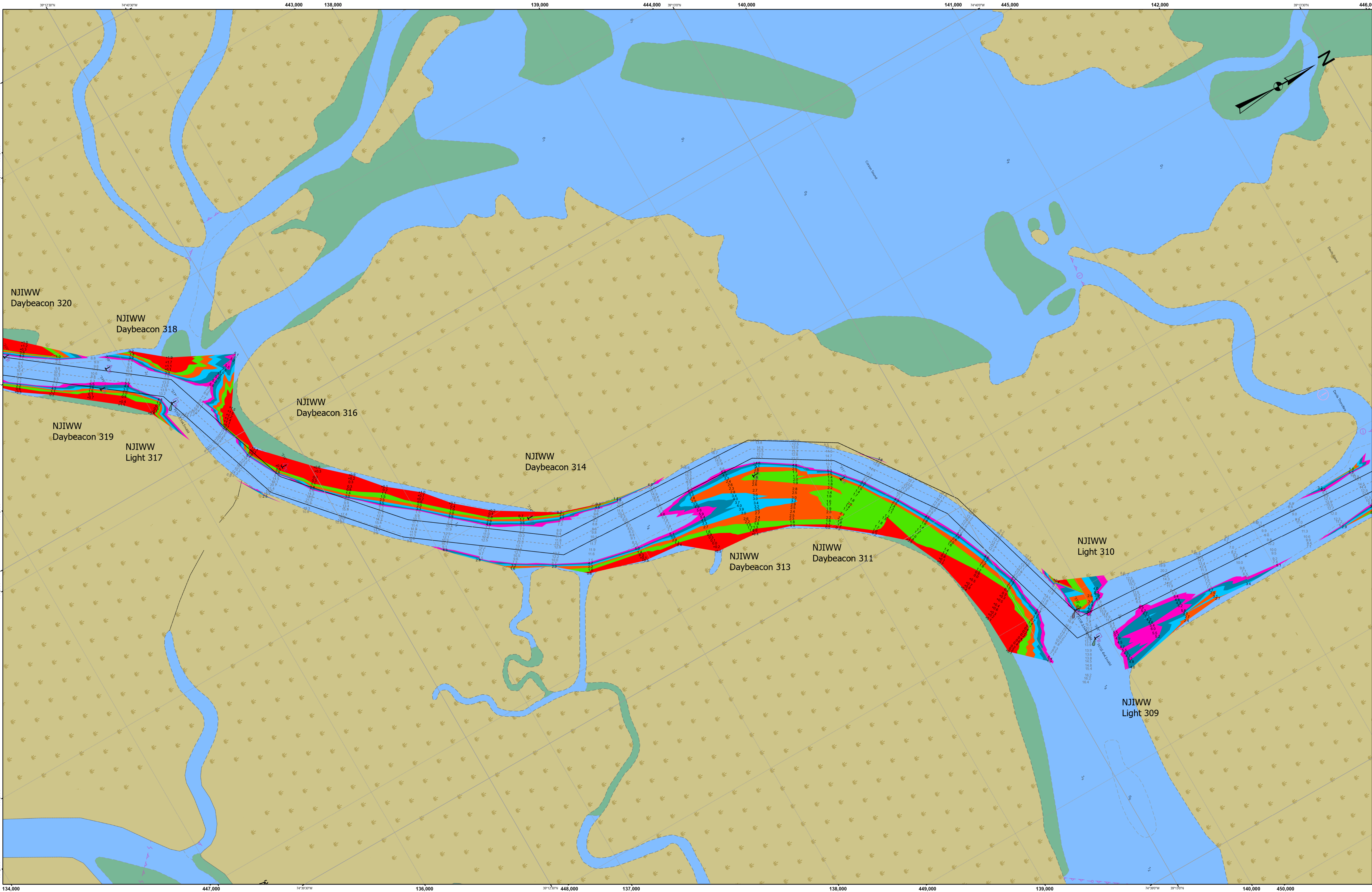
MKR #282 to 34th ST BRIDGE - 03 SEP 24
34th ST BRIDGE to MKR #310 - 05 JUN 24
MKR #310 to MKR #339 -- 02 AUG 23
MKR #339 to MKR #356 -- 01 AUG 23
MKR #356 to MKR #357 -- 27 JUL 23
MKR #357 to MKR #374 -- 26 JUL 23
MKR #374 to MKR #383 -- 20 JUL 23

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Surveyed By	Checked By
PHILADELPHIA DISTRICT	E. MILLER
Drawn By	Checked By
E. MILLER	
Scale	Approved
	Chief, Surveying Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 13 - MKR #282 to MKR #344
EXAMINATION

E-IW-39



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.

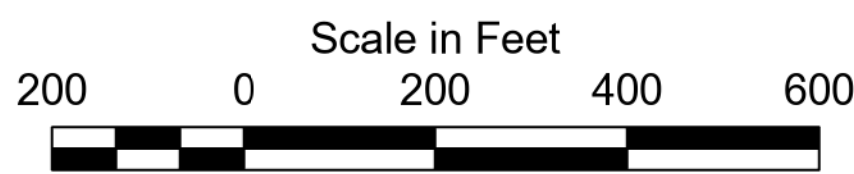
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- Legend**
- Shoalest Sounding per Quarter 6 - 30
 - Channel Framework 5 - 6
 - Centerline 4 - 5
 - 3 - 4
 - 2 - 3
 - 1 - 2
 - 3.55 - 1



MRK #282 to 34th ST BRIDGE - 03 SEP 24
34th ST BRIDGE to MRK #310 - 05 JUN 24
MRK #310 to MRK #339 -- 02 AUG 23
MRK #339 to MRK #356 -- 01 AUG 23
MRK #356 to MRK #357 -- 27 JUL 23
MRK #357 to MRK #374 -- 26 JUL 23
MRK #374 to MRK #383 -- 20 JUL 23

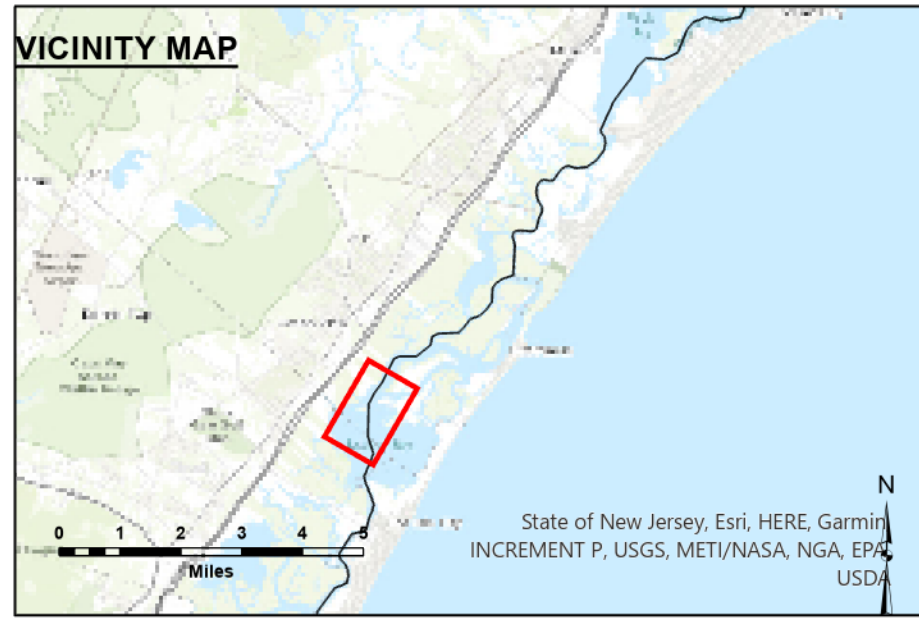
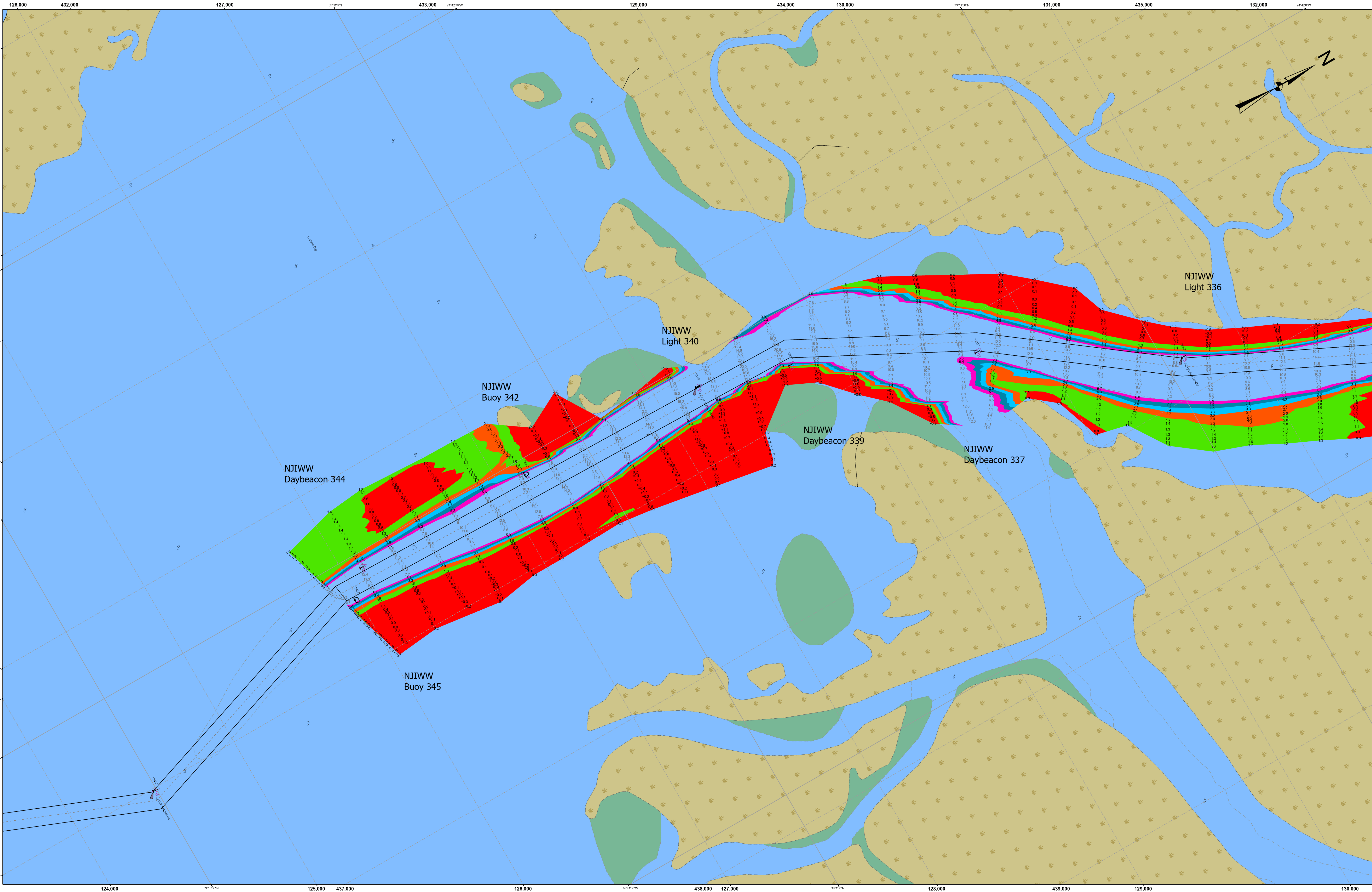
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Surveyed By	Checked By
U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	PHILIP BY E. MILLER
Drawn By	Final Scale
Approved	Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 13 - MRK #282 to MRK #344
EXAMINATION

E-IW-39

E-IW-39



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.

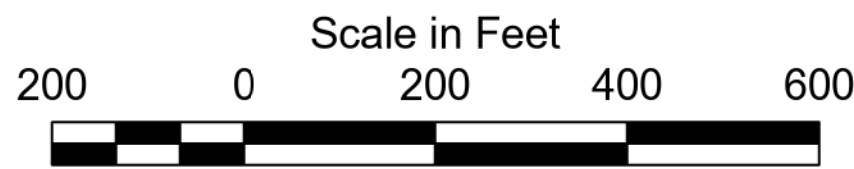
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- Legend**
- Shoalest Sounding per Quarter 6 - 30
 - Channel Framework
 - Centerline
 - 5 - 6
 - 4 - 5
 - 3 - 4
 - 2 - 3
 - 1 - 2
 - 3.55 - 1



MKR #282 to 34th ST BRIDGE - 03 SEP 24
34th ST BRIDGE to MKR #310 - 05 JUN 24
MKR #310 to MKR #339 -- 02 AUG 23
MKR #339 to MKR #356 -- 01 AUG 23
MKR #356 to MKR #357 -- 27 JUL 23
MKR #357 to MKR #374 -- 26 JUL 23
MKR #374 to MKR #383 -- 20 JUL 23

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U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	
Drawn by	Surveyed by
Field Scale	Field By
Approved	Checked By
Chief, Survey Section	E. MILLER

NEW JERSEY INTRACOASTAL WATERWAY
IW 13 - MKR #282 to MKR #344
EXAMINATION

E-IW-39