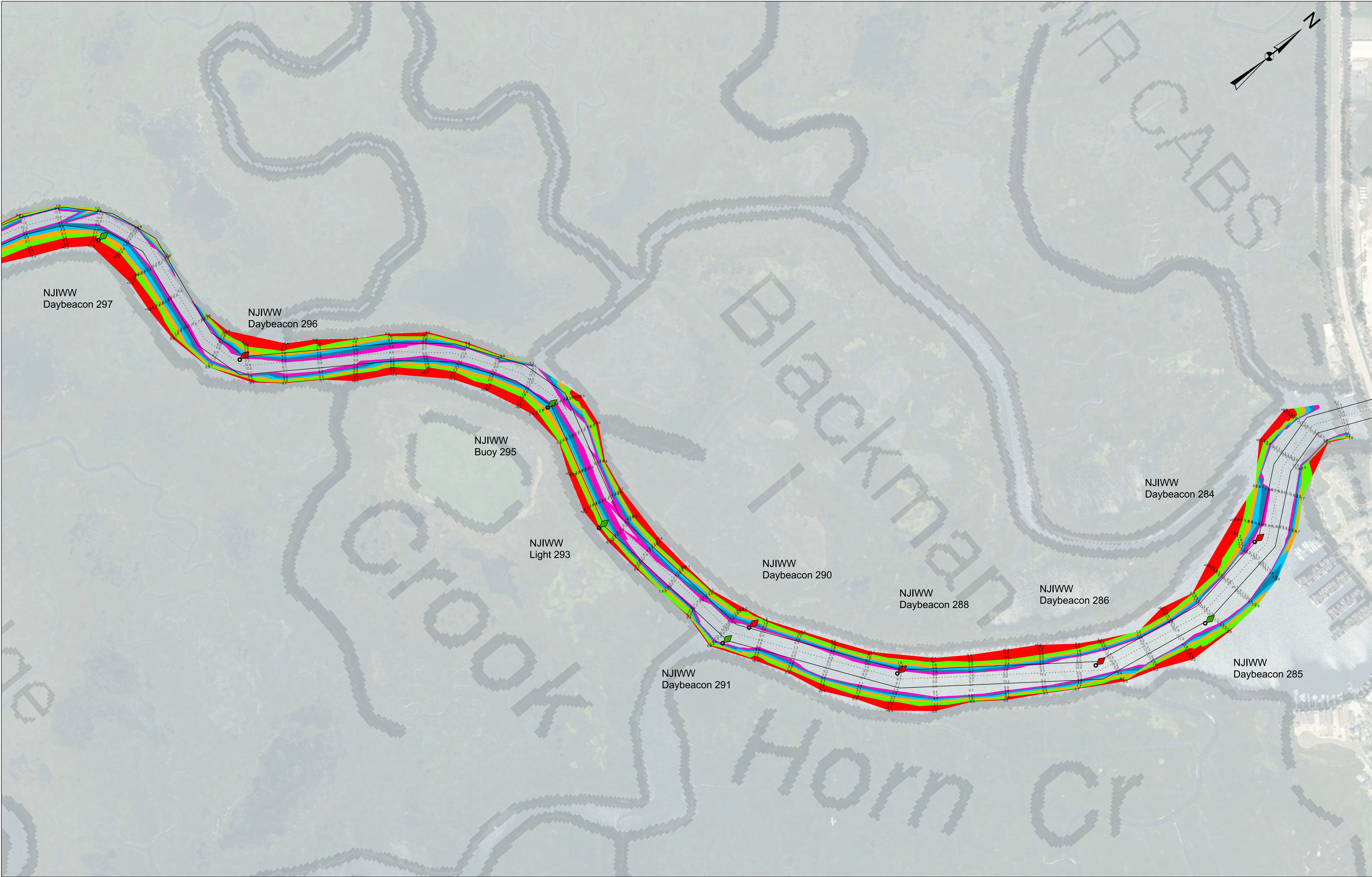




THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

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

VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS 2.47' BELOW N.A.V.D. 88.

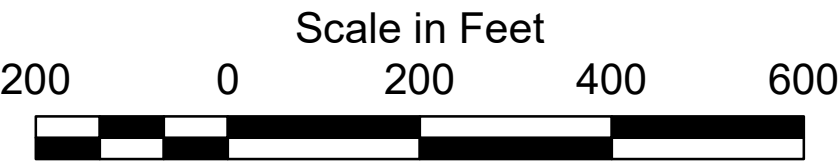
GEOID 18 AND NOAA TIDAL EPOCH: 1983 - 2001 WERE USED. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.

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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Legend

- Green Buoy
- Red Buoy
- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 57.18
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-3.55 - 1



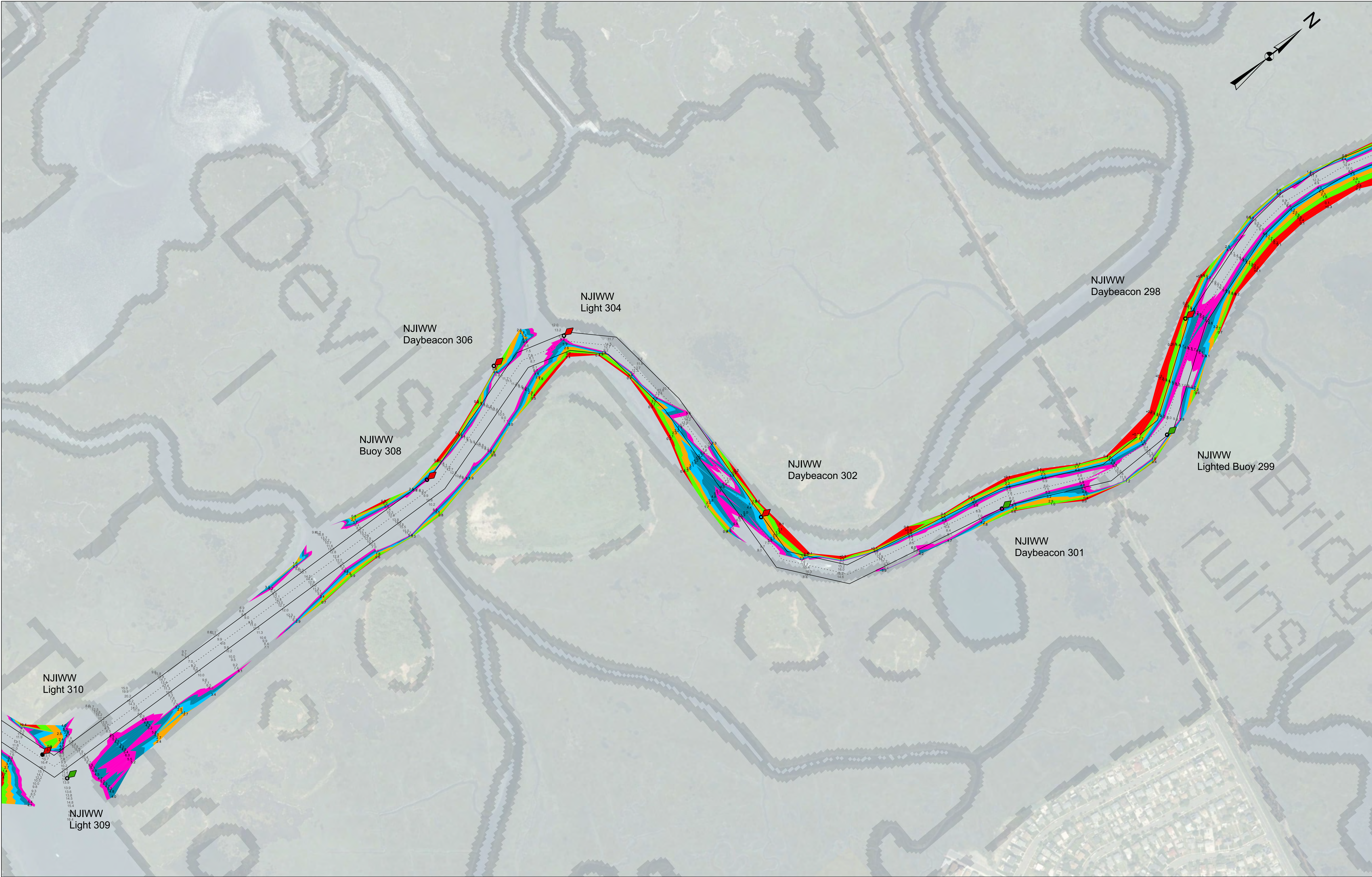
34th St Bridge to MKR #310 -- 05 JUN 24
MKR #339 to MKR #339 -- 02 AUG 23
MKR #356 to MKR #356 -- 01 JUL 23
MKR #357 to MKR #374 -- 26 JUL 23
MKR #574 to MKR #583 -- 20 JUL 23

DISCLAIMER
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Surveyed By:	U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT
Drawn By:	
Published By:	E. AMIDON
Field Scale:	
Approved:	Chief, Surveying Section

NEW JERSEY INTRACOASTAL WATERWAY
34th ST BRIDGE TO MKR #383
EXAMINATION

IW-25



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 2.47' 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.

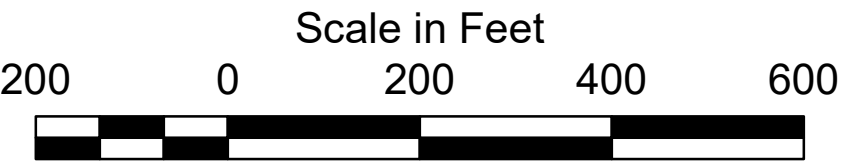
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Legend

- Green Buoy
- Red Buoy
- Shoalest Sounding per Quarter
- Channel Framework
- Centerline

6 - 57.18
5 - 6
4 - 5
3 - 4
2 - 3
1 - 2
-3.55 - 1



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

DISCLAIMER
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U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	Surveyed By:	
	Checked By:	
	Drawn By:	
	Field Scale:	

NEW JERSEY INTRACOASTAL WATERWAY
34th ST BRIDGE TO MKR #383
EXAMINATION

IW-25



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

DISCLAIMER

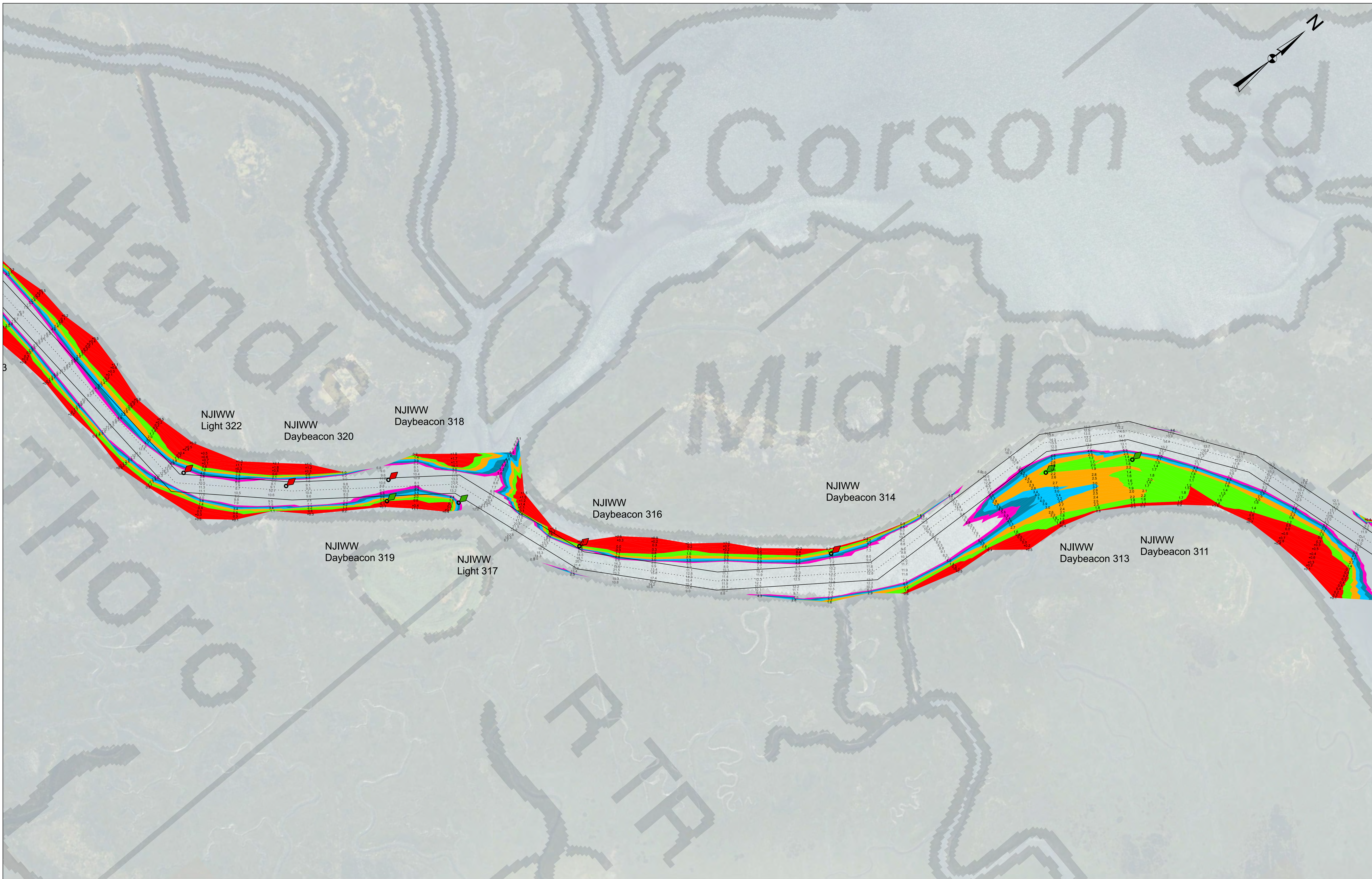
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Drawing No.	
U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	Surveyed By:
Poll Scale:	Plotted By: E. Anthony
Approval _____ Chief Survey Section	Checked By _____

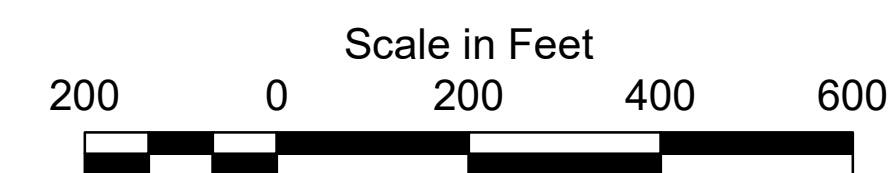
**NEW JERSEY INTRACOASTAL WATERWAY
34th ST BRIDGE TO MKR #383
EXAMINATION**

IW-25



Legend

- | | |
|-------------------------------|-----------|
| Green Buoy | 6 - 57.18 |
| Red Buoy | 5 - 6 |
| Shoalest Sounding per Quarter | 4 - 5 |
| Channel Framework | 3 - 4 |
| Centerline | 2 - 3 |
| | 1 - 2 |
| | -3.55 - 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 2.47' BELOW N.A.V.D. 88.

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

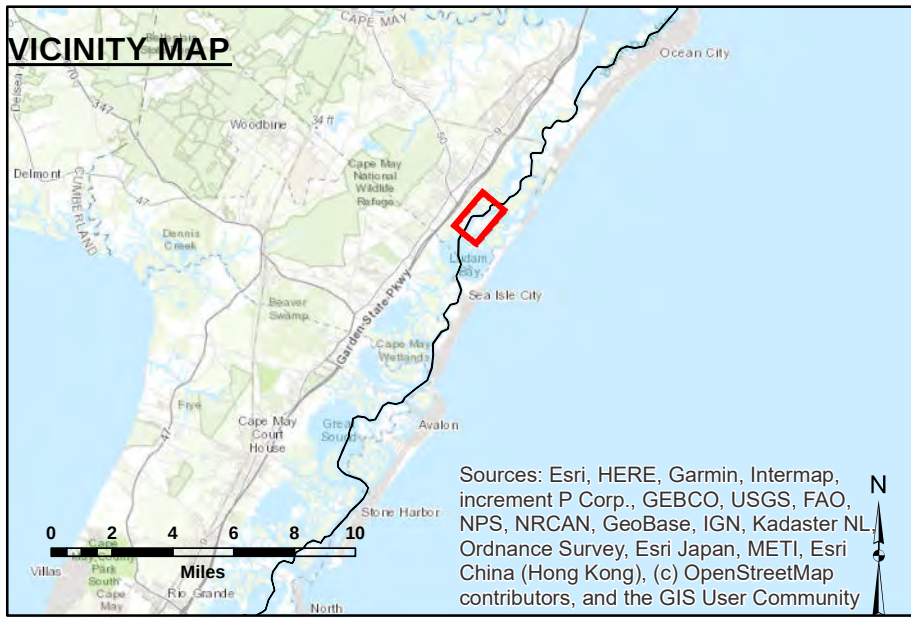
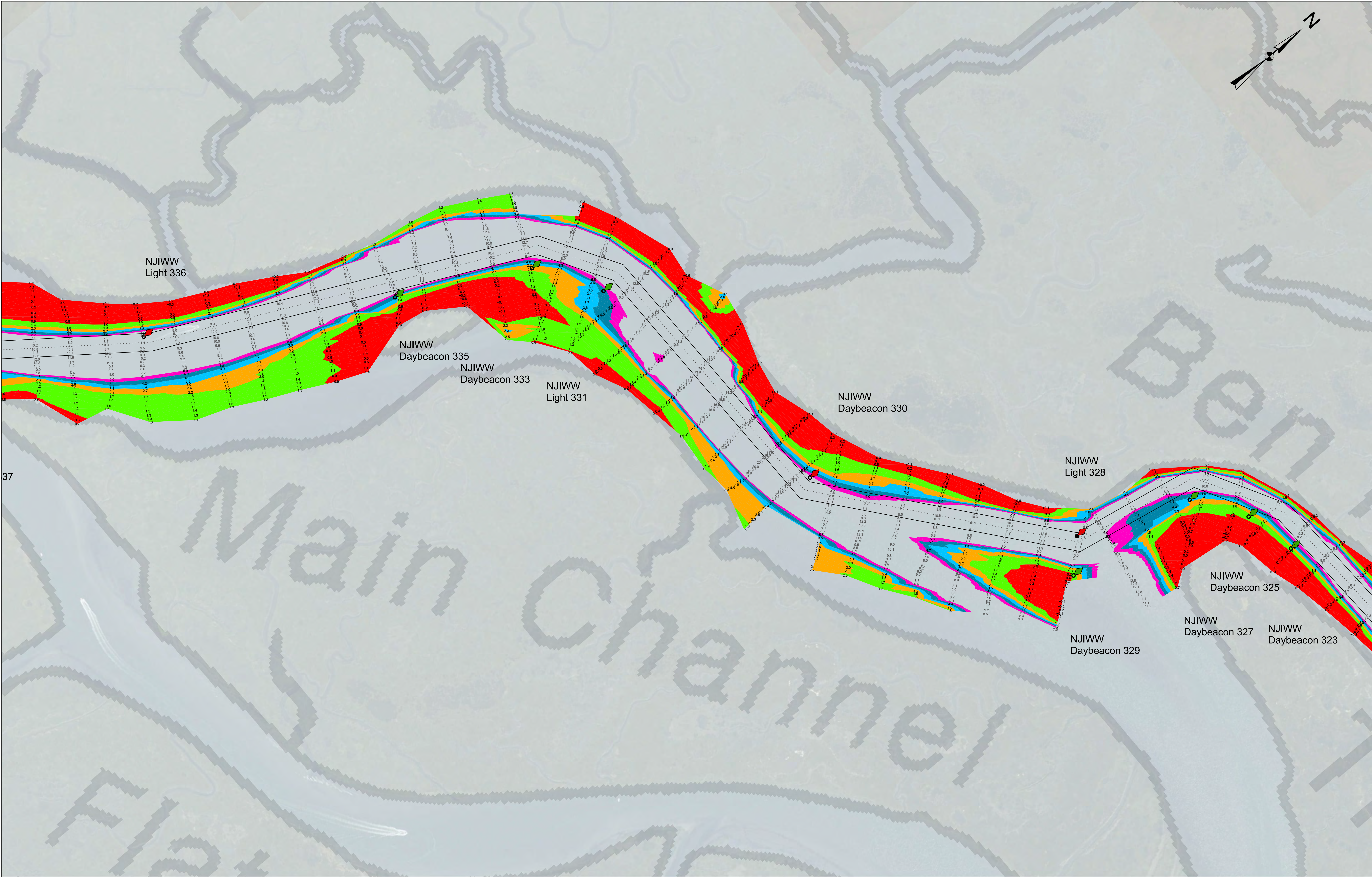
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THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

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

VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS 2.47' BELOW N.A.V.D. 88.

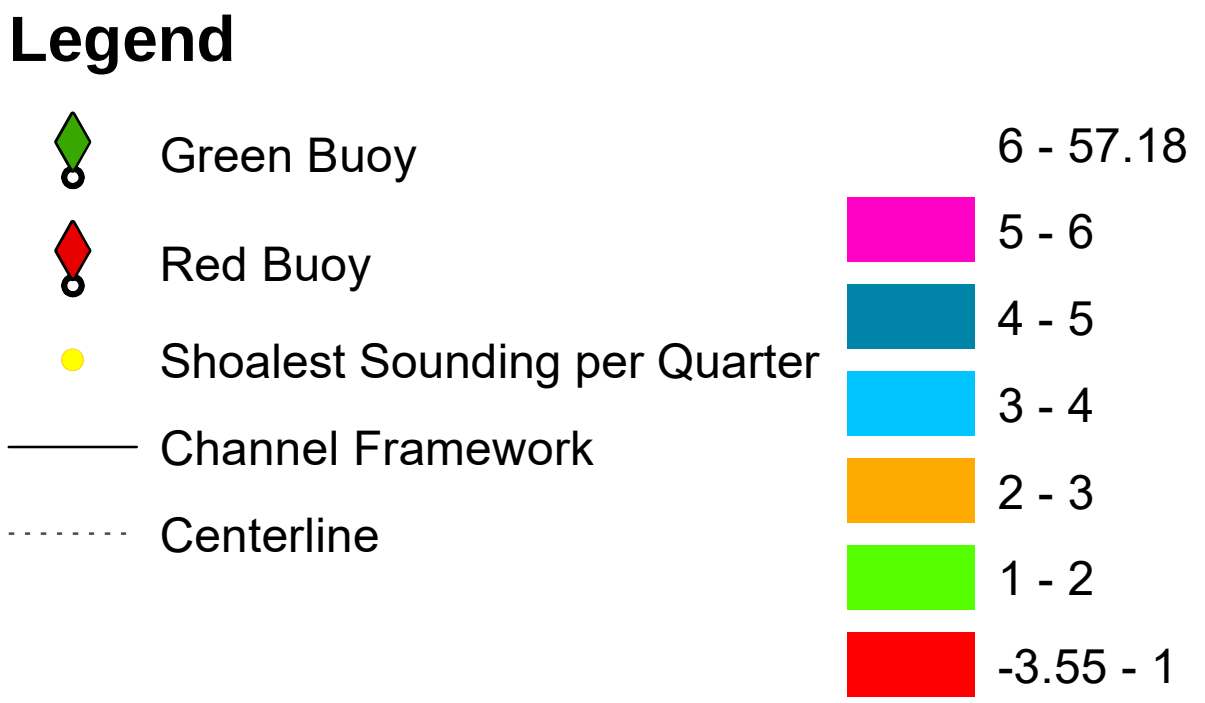
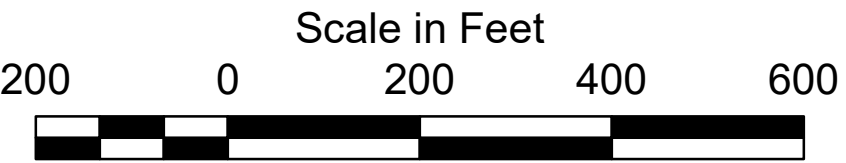
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34th St Bridge to MKR #310 -- 05 JUN 24
MKR #310 to MKR #339 -- 02 AUG 23
MKR #339 to MKR #356 -- 01 AUG 23
MKR #356 to MKR #357 -- 27 JUL 23
MKR #357 to MKR #374 -- 26 JUL 23
MKR #374 to MKR #383 -- 20 JUL 23

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U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

Surveyed By: _____
Checked By: E. AMBOLD
Approved: _____
Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
34th ST BRIDGE TO MKR #383
EXAMINATION

IW-25



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 2.47' 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.

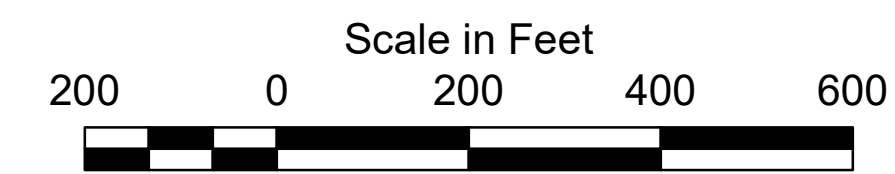
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	Green Buoy	6 - 57.18
	Red Buoy	5 - 6
	Shoalest Sounding per Quarter	4 - 5
	Channel Framework	3 - 4
	Centerline	2 - 3
		1 - 2
		-3.55 - 1



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

[illegible]

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

**NEW JERSEY INTRACOASTAL WATERWAY
34th ST BRIDGE TO MKR #383
EXAMINATION**

IW-25



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

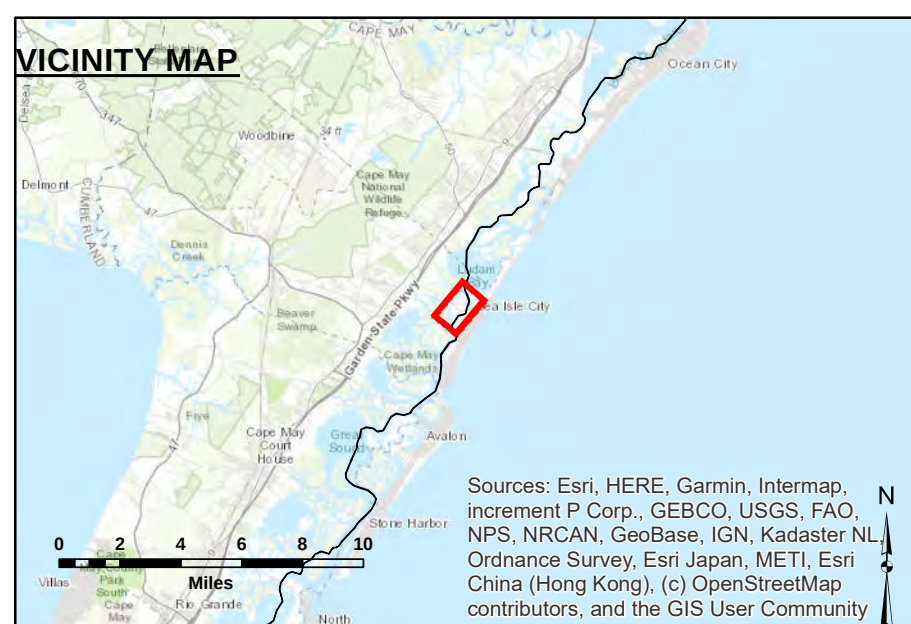
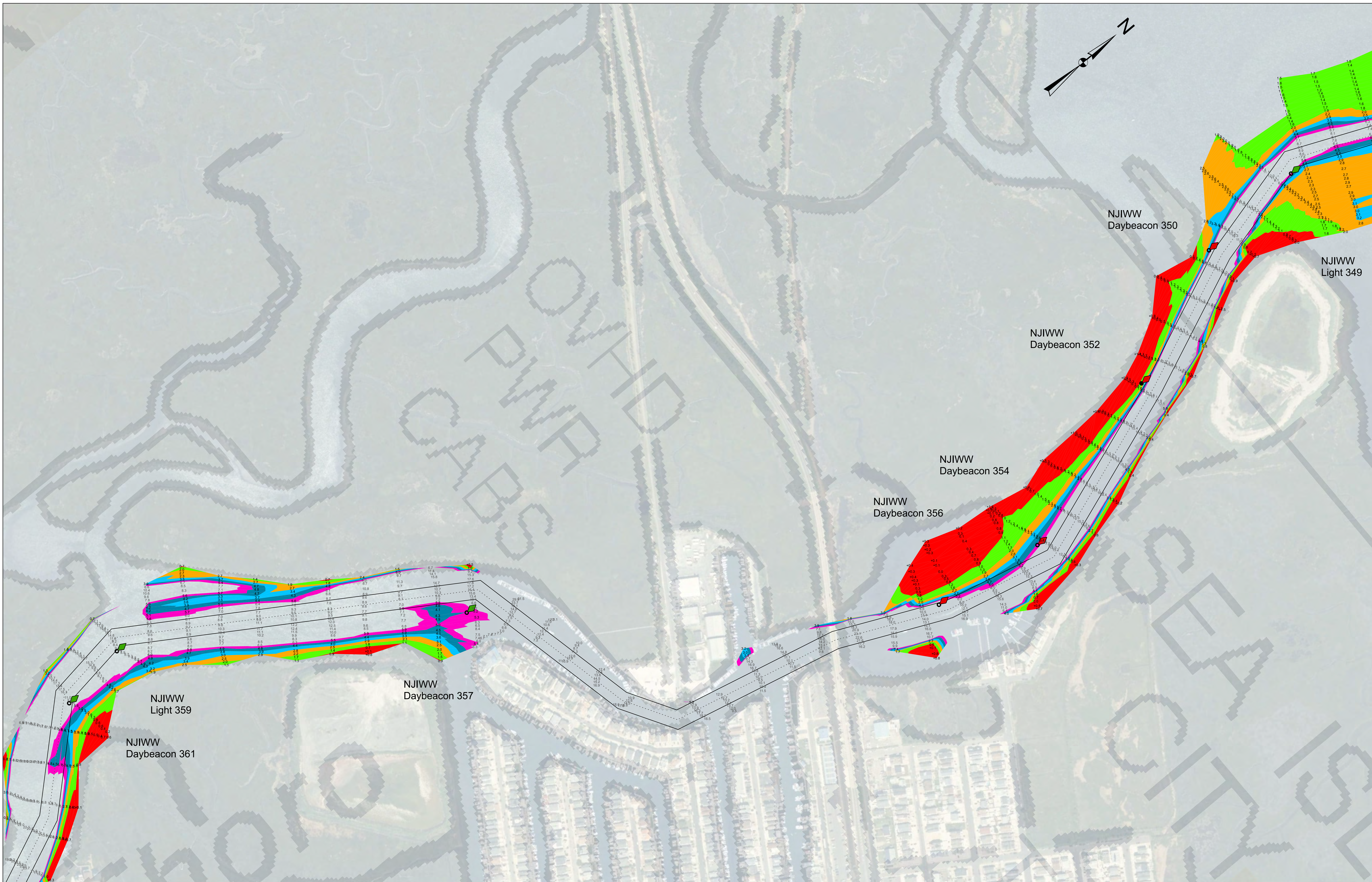
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U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	
Drawing No.	Surveyed By:
Plot Scale:	Plotted By:
Approved:	E. Anthony Checked By:
Chief Survey Section	

**NEW JERSEY INTRACOASTAL WATERWAY
34th ST BRIDGE TO MKR #383
EXAMINATION**

IW-25



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 2.47' BELOW N.A.V.D. 88.

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

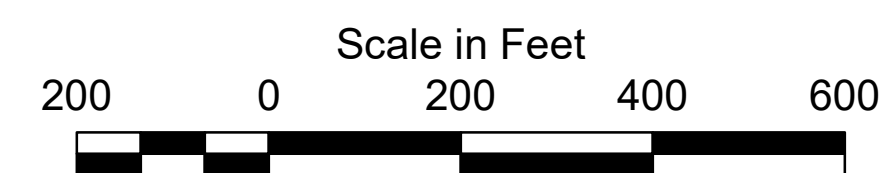
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Legend

- | | | |
|---|-------------------------------|-----------|
|  | Green Buoy | 6 - 57.18 |
|  | Red Buoy | 5 - 6 |
|  | Shoalest Sounding per Quarter | 4 - 5 |
|  | Channel Framework | 3 - 4 |
|  | Centerline | 2 - 3 |
| | | 1 - 2 |
| | | -3.55 - 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 2.47' 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.

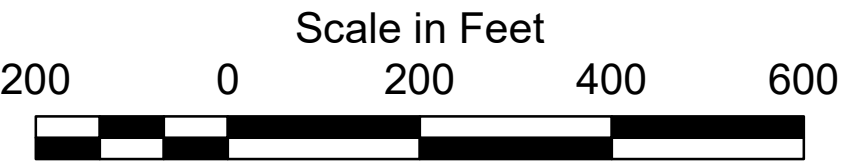
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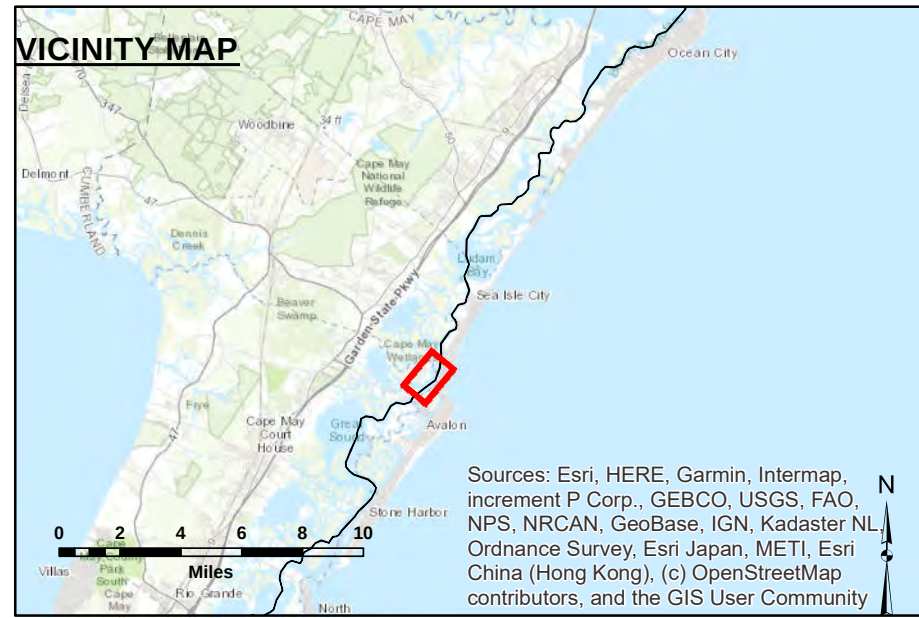
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Legend

- Green Buoy 6 - 57.18
- Red Buoy 5 - 6
- Shoalest Sounding per Quarter 4 - 5
- Channel Framework 3 - 4
- Centerline 2 - 3
- 1 - 2
- 3.55 - 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 2.47' BELOW N.A.V.D. 88.

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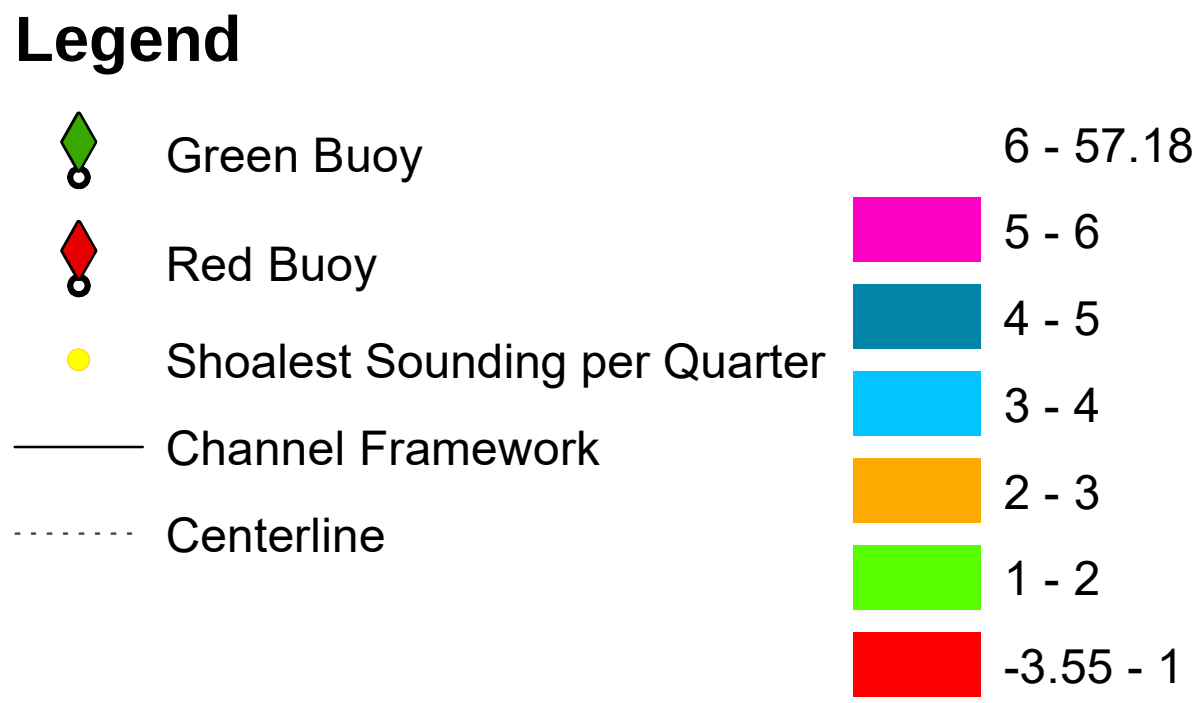
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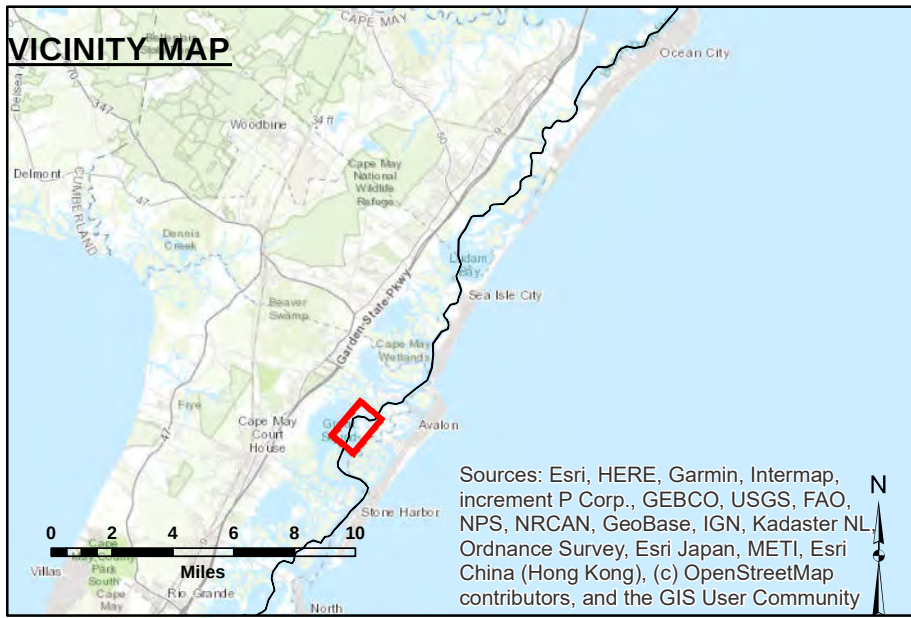
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THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

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

VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS 2.47' BELOW N.A.V.D. 88.

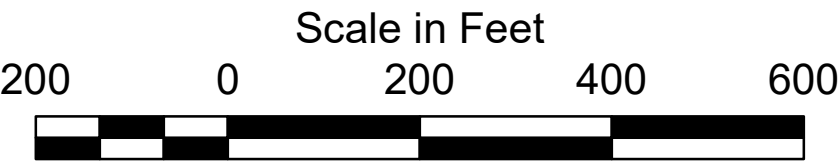
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Legend

Green Buoy

Red Buoy

Shoalest Sounding per Quarter

Channel Framework

Centerline

6 - 57.18

5 - 6

4 - 5

3 - 4

2 - 3

1 - 2

-3.55 - 1

34th St Bridge to MKR #310 -- 05 JUN 24
MKR #339 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:	U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT
Checked By:	E. AMBOLD
Drawn By:	
Field Scale:	
Approved:	Chief, Surveying Section

NEW JERSEY INTRACOASTAL WATERWAY
34th ST BRIDGE TO MKR #383
EXAMINATION