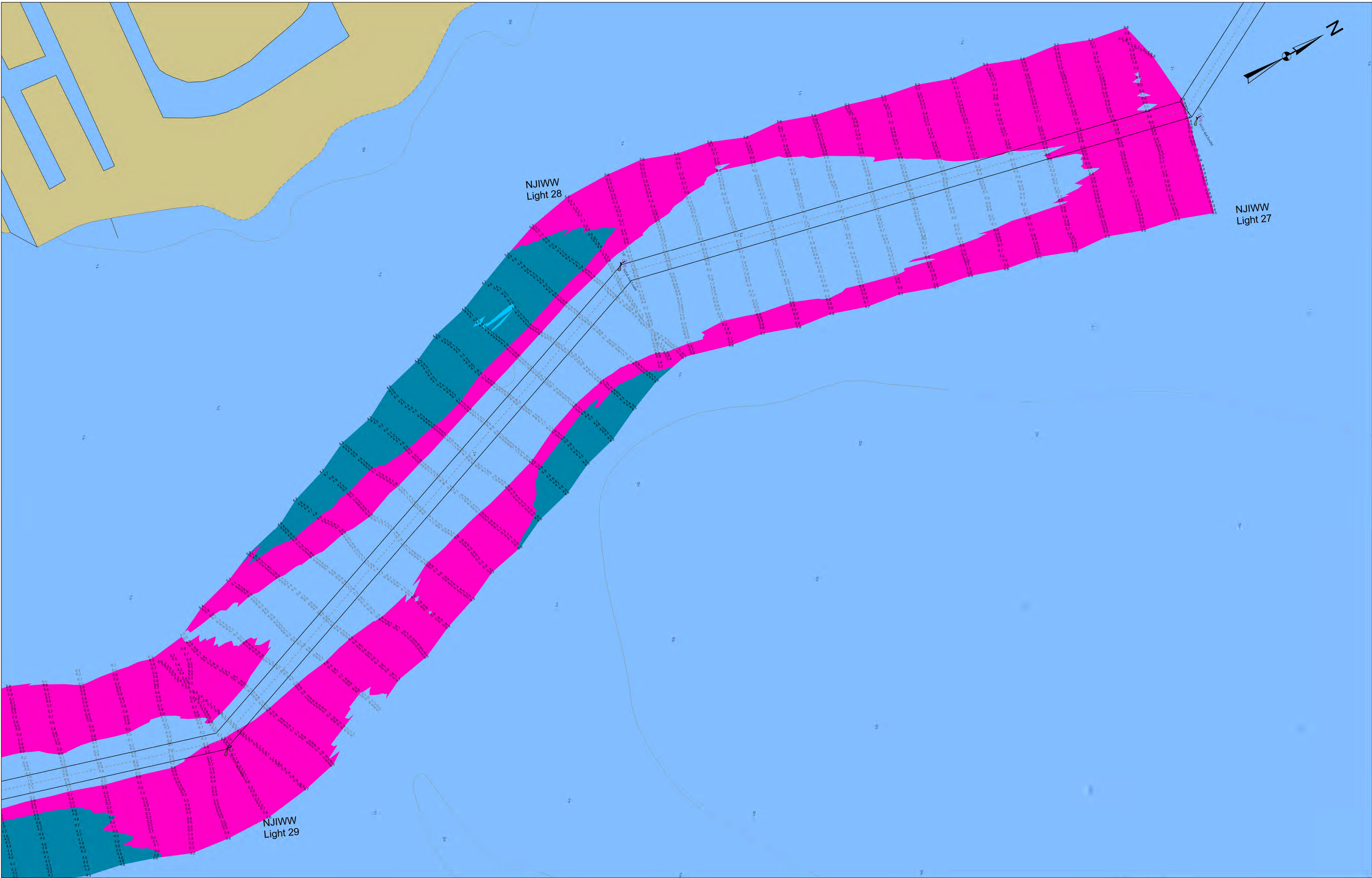




THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

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.

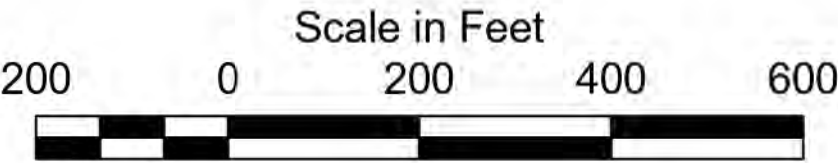
GEOID 18 AND NOAA TIDAL EPOCH: 1983 - 2001 WERE USED. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.

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

Sounding Points

Shoalest Sounding per Quarter

Framework

Centerline

6.91 - 20

5 - 6

4 - 5

3 - 4

2 - 3

1 - 2

0 - 1



MRK #27 to MRK #33 - 25 JUN 24
MRK #33 to MRK #36 - 20 JUN 24
MRK #36 to MRK #39 - 05 JUN 24
MRK #39 to MRK #40 - 04 JUN 24
MRK #40 - 30 MAY 24

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Surveyed By	Checked By
Philipp By	E. MILLER
Final Scale	Checked By
Approved	Chief, Survey Section

NEW JERSEY INTRACOASTAL WATERWAY
IW 04 - MRK #27 to MRK #40
EXAMINATION

IW-30



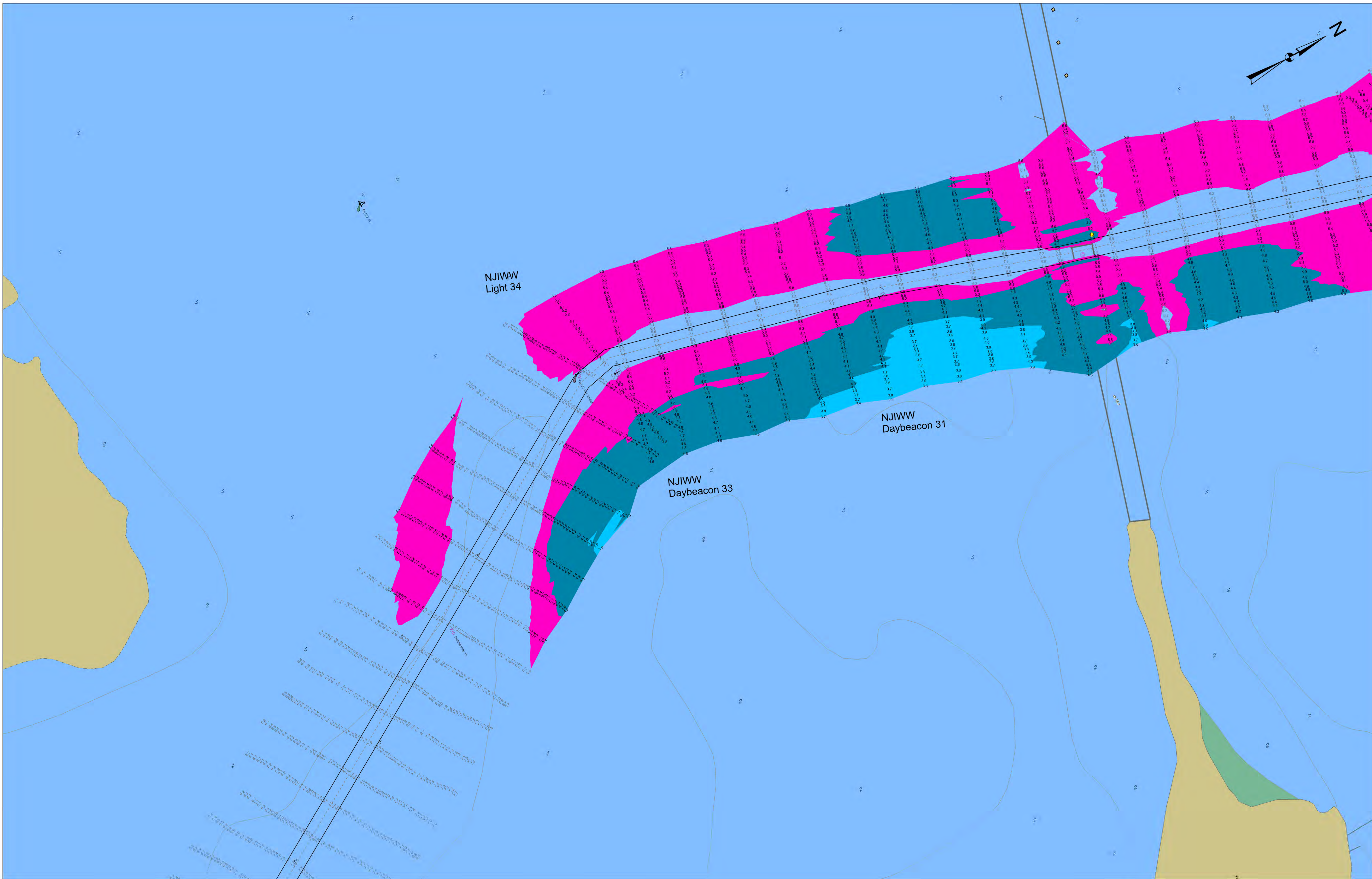
MKR #27 to MKR #33 -- 25 JUN 24
 MKR #33 to MKR #36 -- 20 JUN 24
 MKR #36 to MKR #39 -- 05 JUN 24
 MKR #39 to MKR #40 -- 04 JUN 24
 MKR #40 -- 20 MAY 24

[illegible]

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

NEW JERSEY INTRACOASTAL WATERWAY
IW 04 - MKR #27 to MKR #40
EXAMINATION

IW-30



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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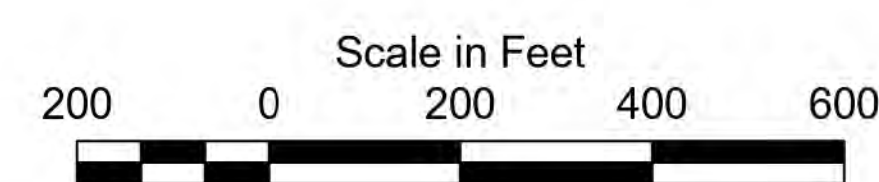
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Legend

- Sounding Points 6.91 - 20
 ● Shoalest Sounding per Quarter 5 - 6
 — Framework 4 - 5
 --- Centerline 3 - 4
 — 2 - 3
 — 1 - 2
 — 0 - 1



MKR #27 to MKR #33 -- 25 JUN 24
 MKR #33 to MKR #36 -- 20 JUN 24
 MKR #36 to MKR #39 -- 05 JUN 24
 MKR #39 to MKR #40 -- 04 JUN 24
 MKR #40 -- 20 MAY 24

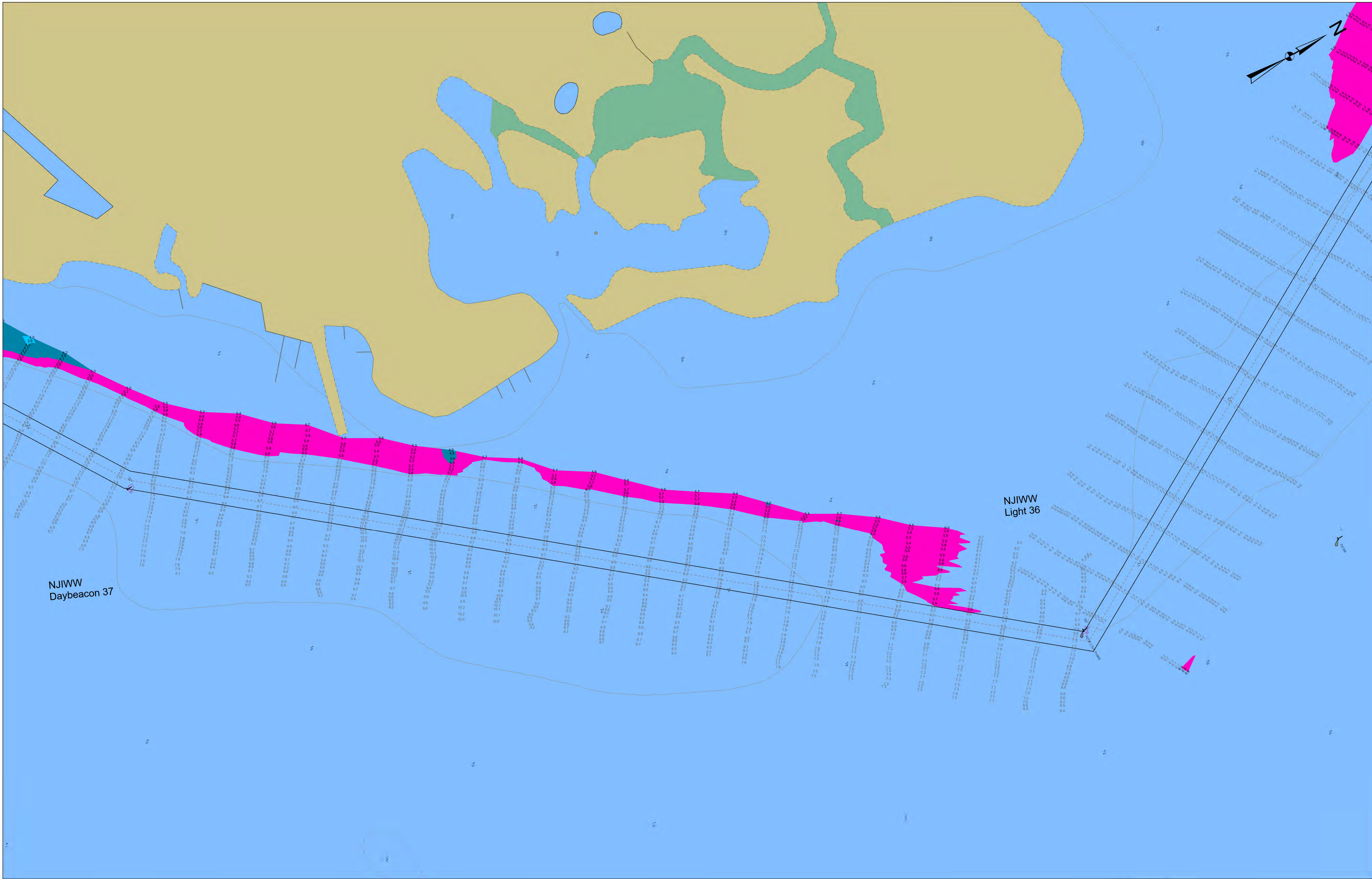
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U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT	
Plot Scale:	Plotted By
Approved	E. Anthony Checked By
Chief Survey Section	

NEW JERSEY INTRACOASTAL WATERWAY
IW 04 - MKR #27 to MKR #40

1

IV-3



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.

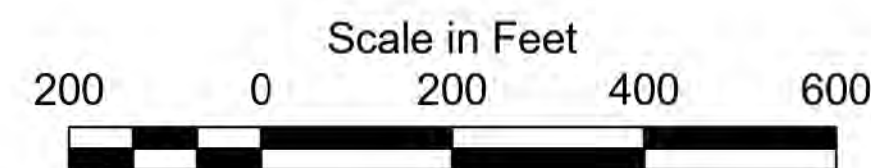
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Legend

- Sounding Points 6.91 - 20
- Shoalest Sounding per Quarter
- Framework
- Centerline
- 5 - 6
- 4 - 5
- 3 - 4
- 2 - 3
- 1 - 2
- 0 - 1



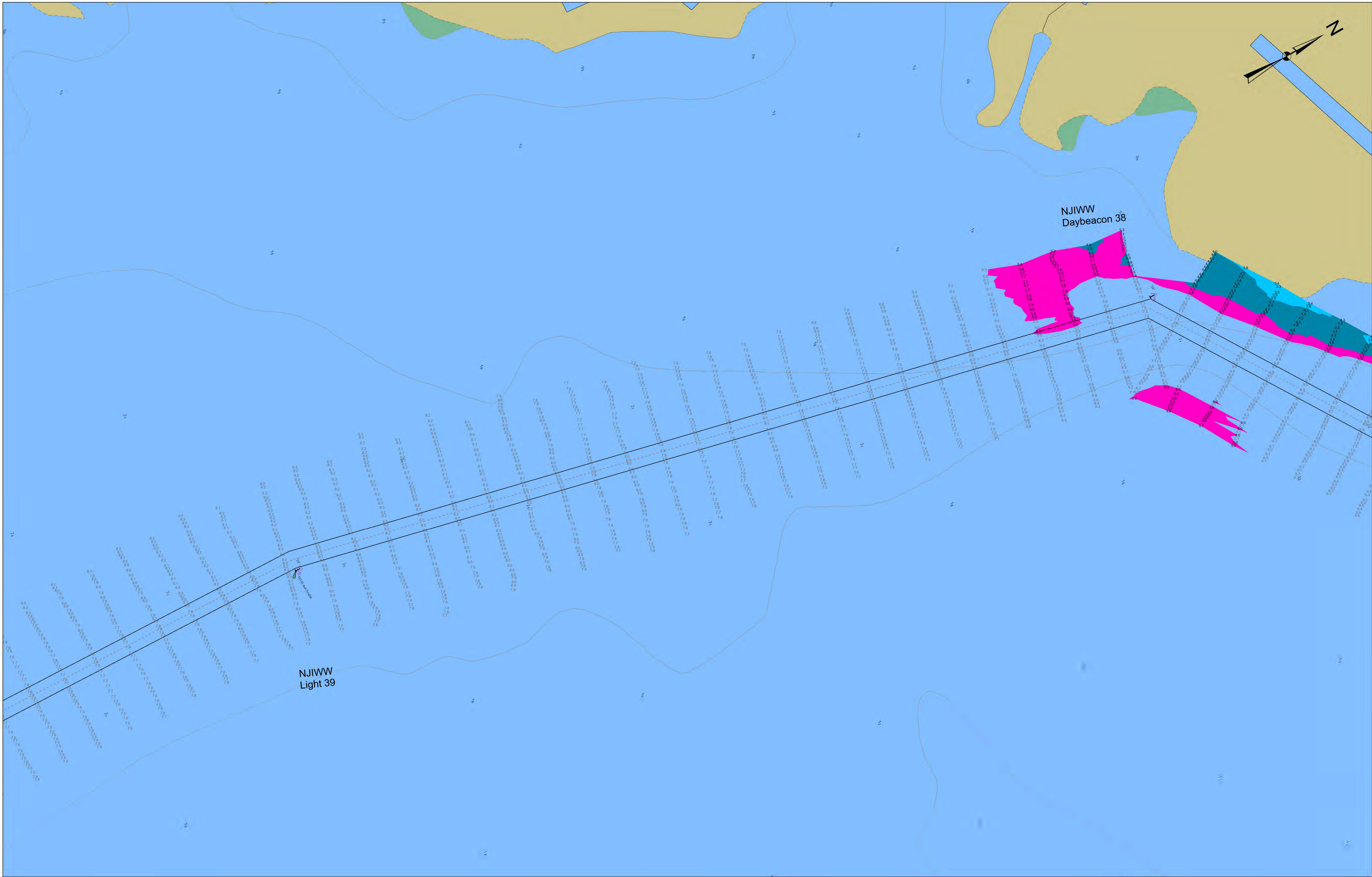
MKR #27 to MKR #33 -- 25 JUN 24
 MKR #33 to MKR #36 -- 20 JUN 24
 MKR #36 to MKR #39 -- 05 JUN 24
 MKR #39 to MKR #40 -- 04 JUN 24
 MKR #40 -- 30 MAY 24

[illegible]

U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT		Drawn By _____ Pwd Scale _____ Approved _____ Chief Survey Section	Surveyed By _____ E. Anthony _____ Checked By _____
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**NEW JERSEY INTRACOASTAL WATERWAY
IW 04 - MKR #27 to MKR #40
EXAMINATION**

IW-30



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 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.

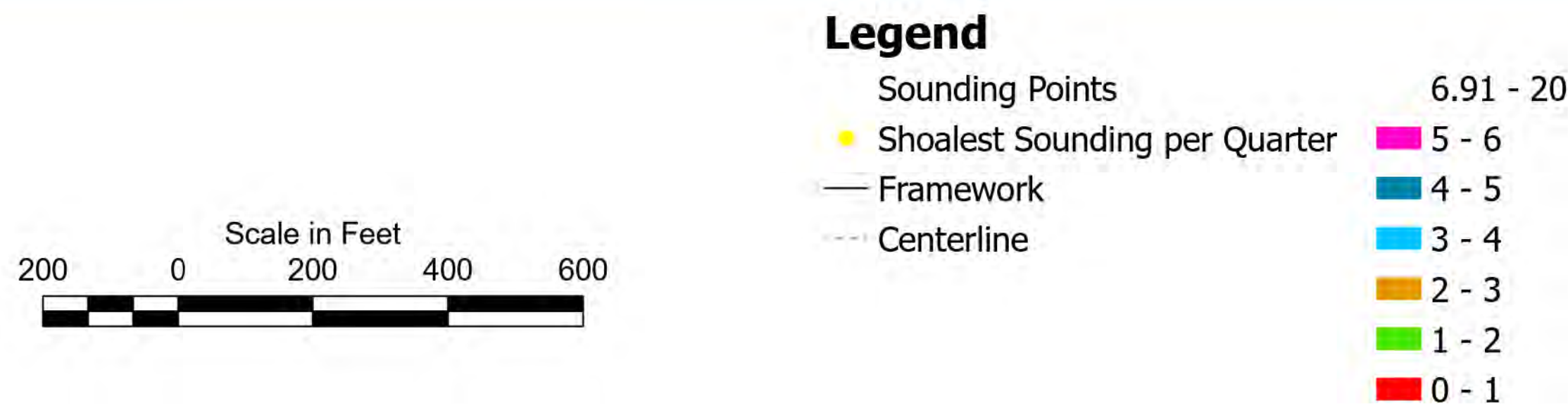
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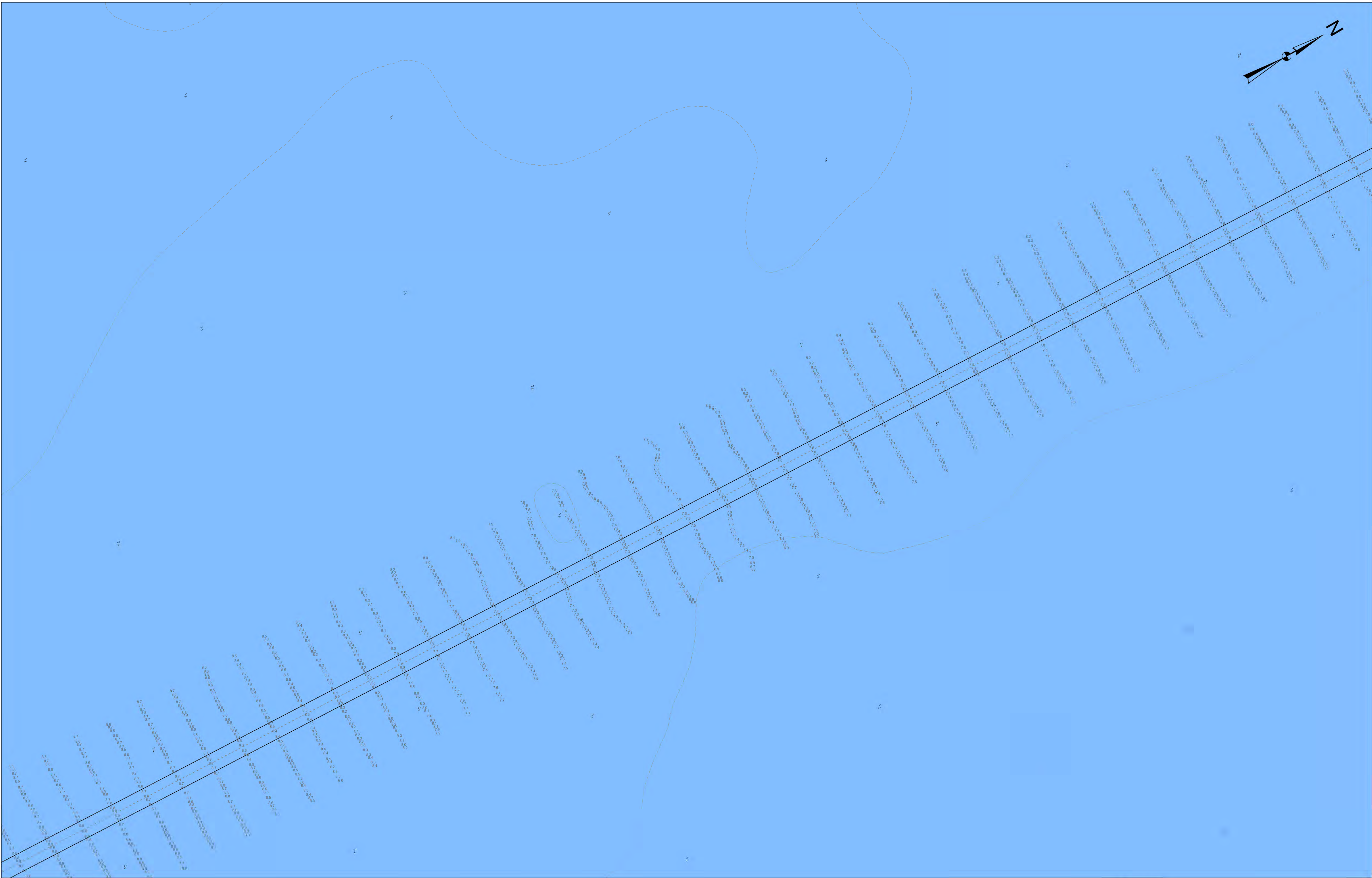
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VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS 2.47' BELOW N.A.V.D. 88.

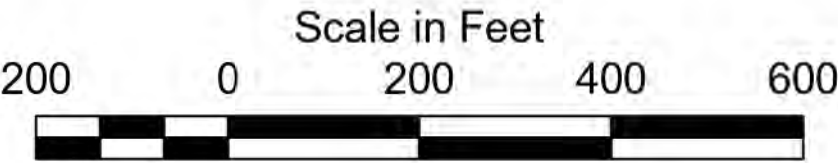
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- Legend**
- Sounding Points
- Shoalest Sounding per Quarter
 - Framework
 - Centerline
- 6.91 - 20
- 5 - 6
 - 4 - 5
 - 3 - 4
 - 2 - 3
 - 1 - 2
 - 0 - 1



MKR #27 to MKR #33 - 25 JUN 24
MKR #33 to MKR #36 - 20 JUN 24
MKR #36 to MKR #39 - 05 JUN 24
MKR #39 to MKR #40 - 04 JUN 24
MKR #40 - 30 MAY 24

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Surveyed By	_____
Checked By	_____
Field Scale	_____
Approved	_____
Chief, Survey Section	_____

U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

NEW JERSEY INTRACOASTAL WATERWAY
IW 04 - MKR #27 to MKR #40
EXAMINATION

IW-30

