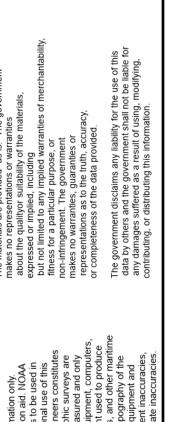


LOCATIONS OF MKR #390 TO MKR #399 WERE RECORDED ON 18 JUL 23.

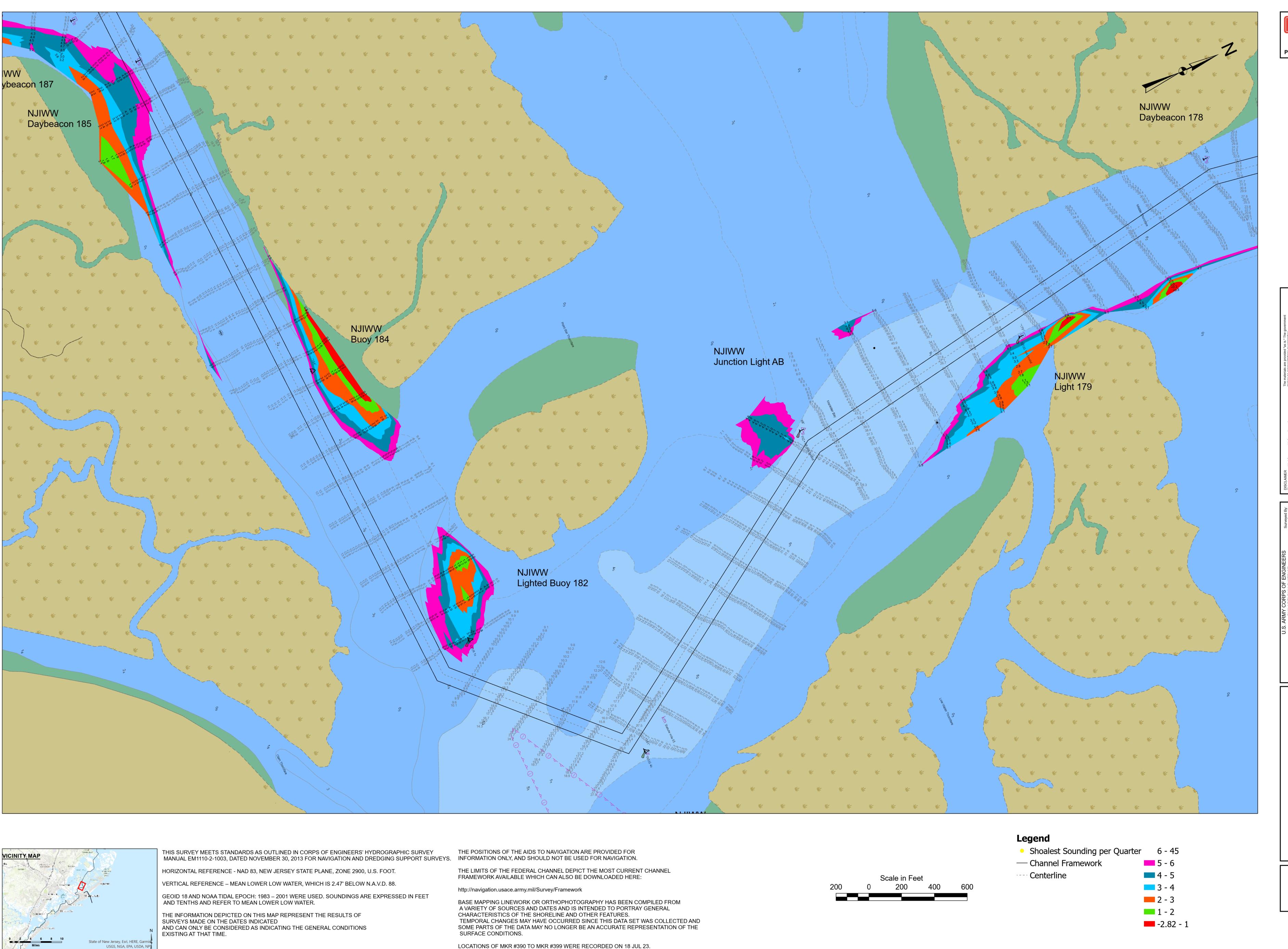
State of New Jersey, Esri, HERE, Garm

USGS, NGA, EPA, USDA, NP:

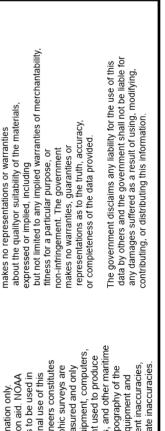
**US Army Corps** of Engineers Philadelphia District

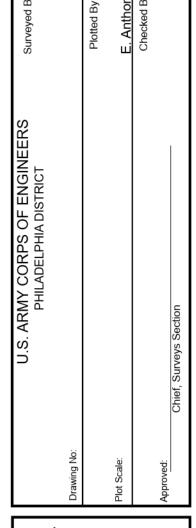


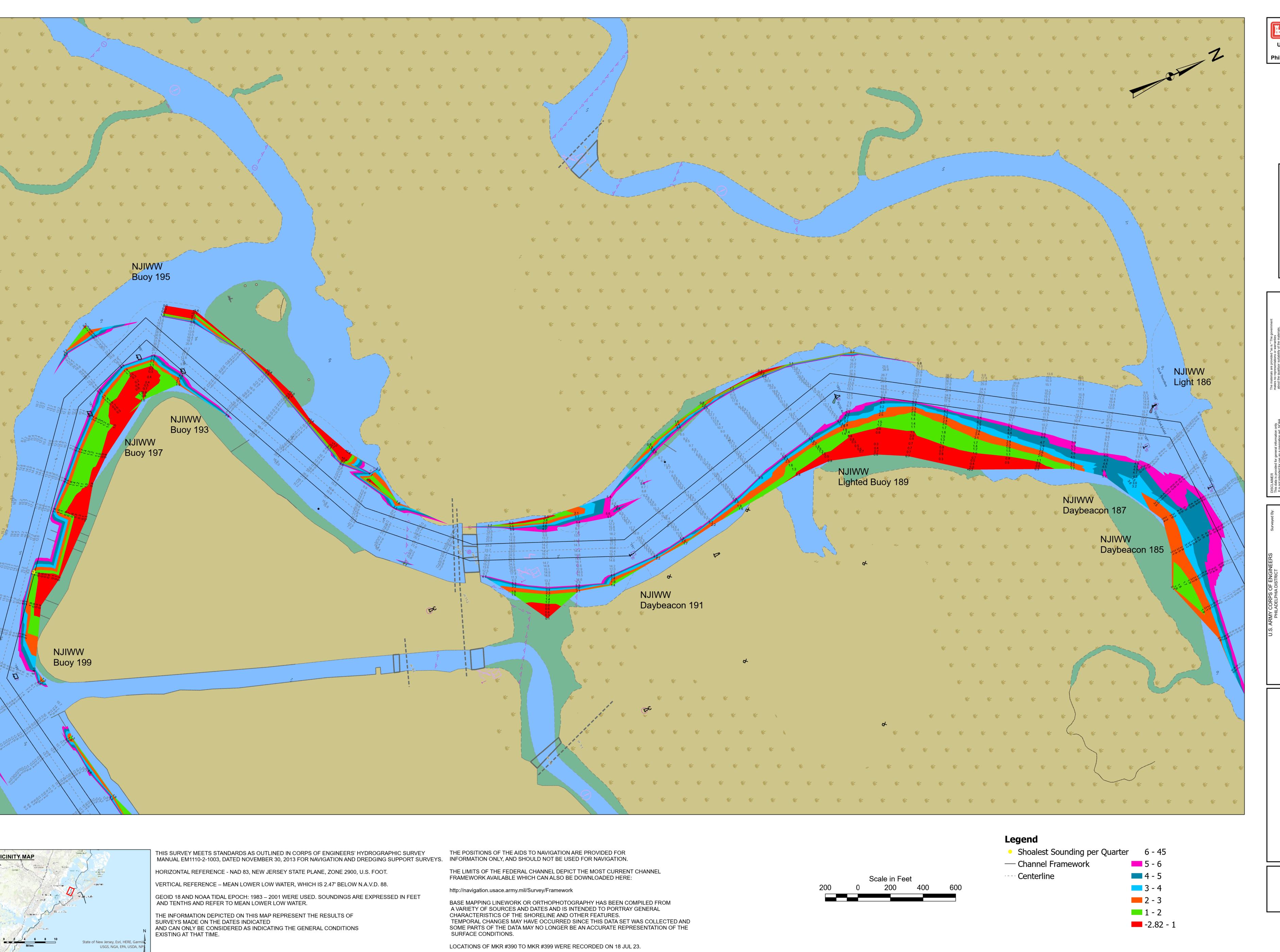
|   | U.S. ARMY CORPS OF ENGINEERS PHILADELPHIA DISTRICT | Surveyed By: |
|---|--|--------------|
| _ | Drawing No:  |              |
|   |  | Plotted By:  |
|   | Plot Scale:  | E. Anthony   |
|   |  | Checked By:  |
|   | Approved: Chief, Surveys Section                   |              |
| 1 |  |              |



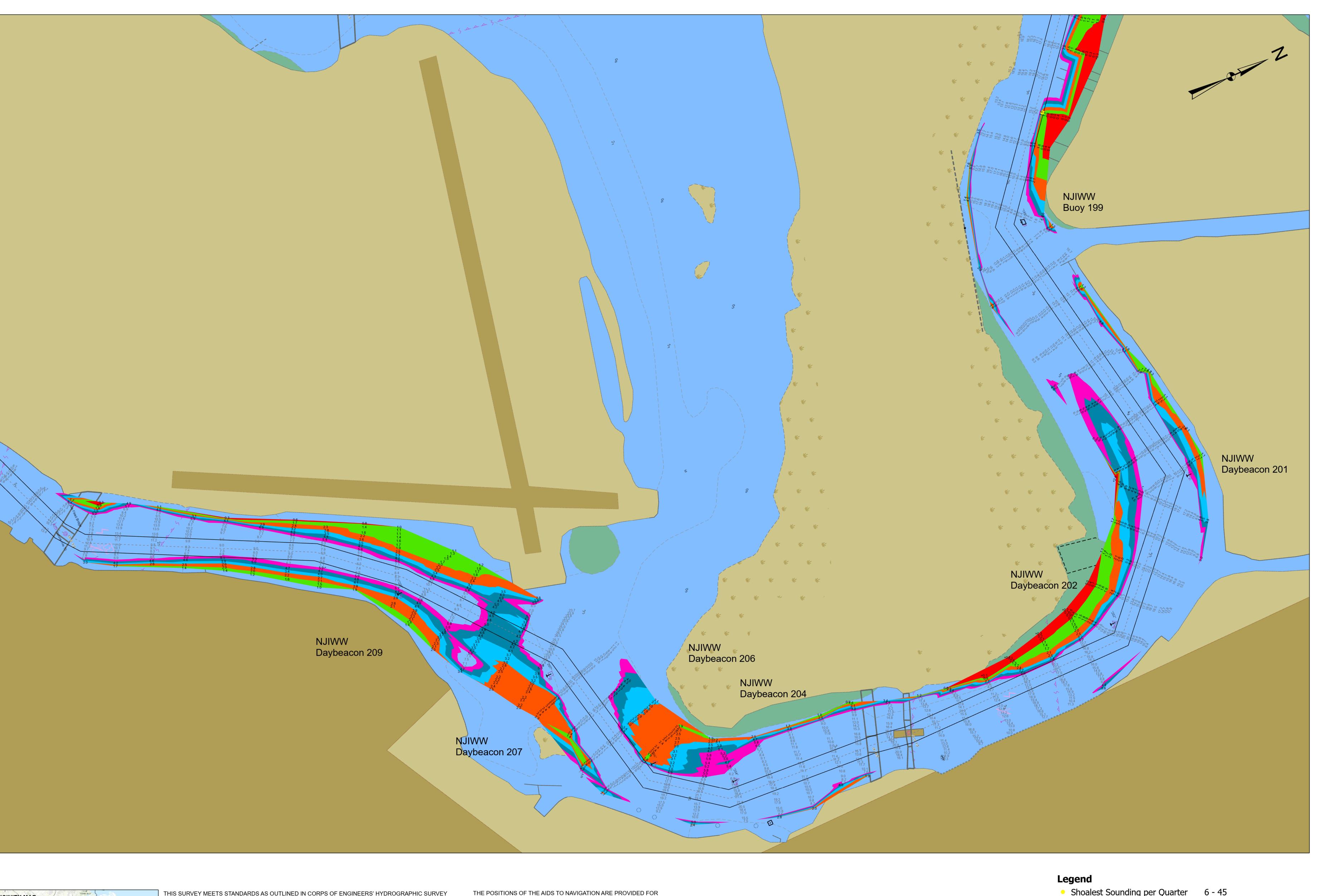
**US Army Corps** of Engineers Philadelphia District





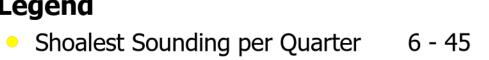


**US Army Corps** of Engineers Philadelphia District





US Army Corps of Engineers Philadelphia District



Scale in Feet

— Channel Framework

**5** - 6 ·-- Centerline 4 - 5

3 - 4 2 - 3

1 - 2 -2.82 - 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. INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.

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

EXISTING AT THAT TIME.

State of New Jersey, Esri, HERE, Garmir

USGS, NGA, EPA, USDA, NPS

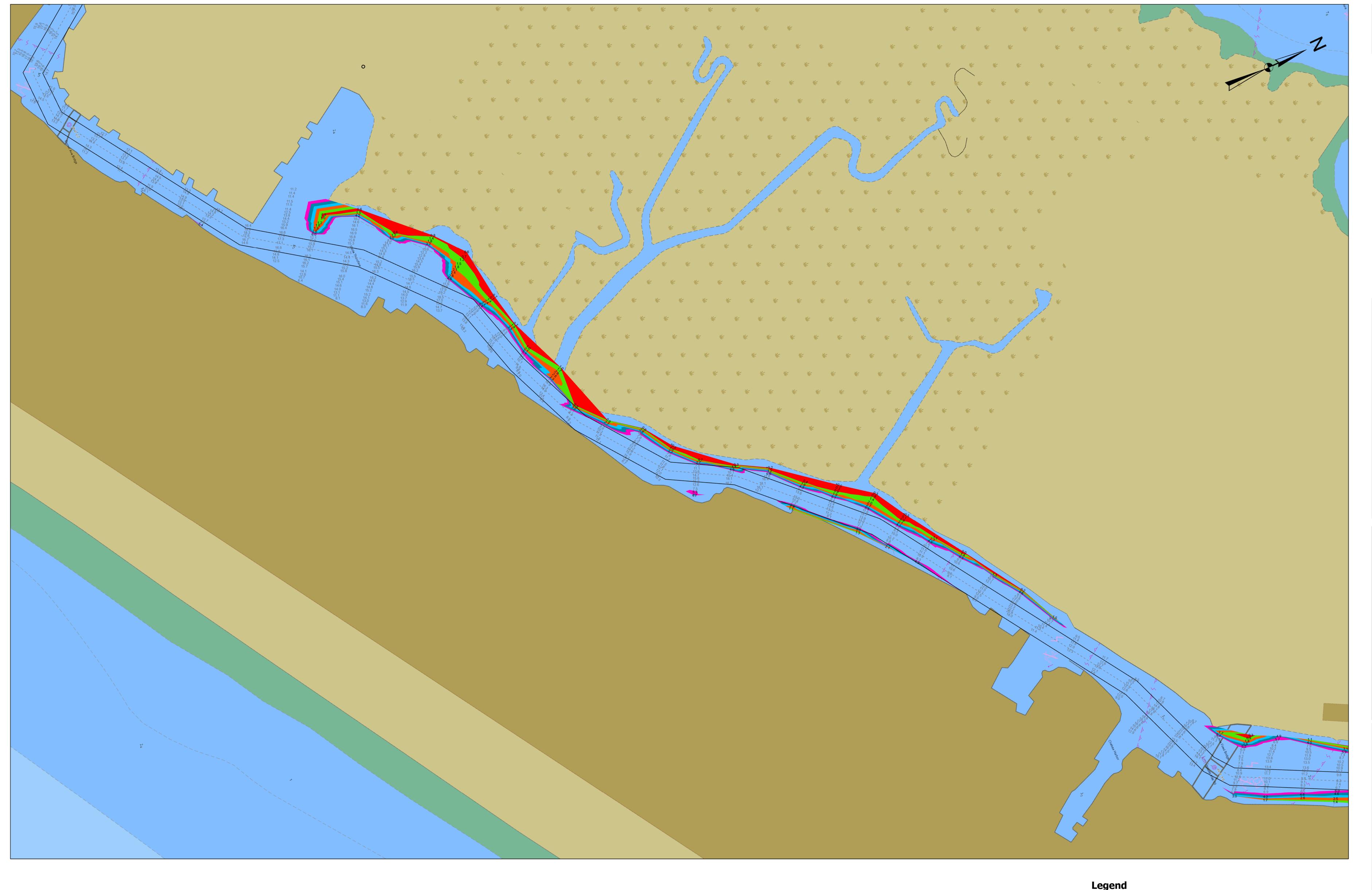
AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS

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

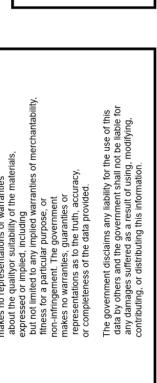
## http://navigation.usace.army.mil/Survey/Framework

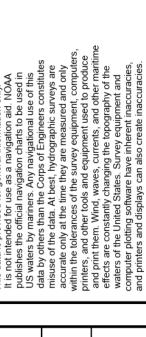
BASE MAPPING LINEWORK OR ORTHOPHOTOGRAPHY HAS BEEN COMPILED FROM A VARIETY OF SOURCES AND DATES AND IS INTENDED TO PORTRAY GENERAL CHARACTERISTICS OF THE SHORELINE AND OTHER FEATURES. TEMPORAL CHANGES MAY HAVE OCCURRED SINCE THIS DATA SET WAS COLLECTED AND SOME PARTS OF THE DATA MAY NO LONGER BE AN ACCURATE REPRESENTATION OF THE SURFACE CONDITIONS.

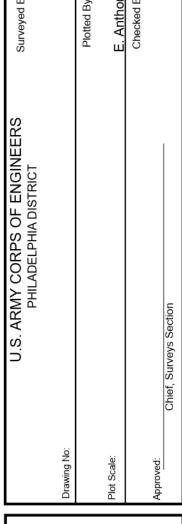
LOCATIONS OF MKR #390 TO MKR #399 WERE RECORDED ON 18 JUL 23.













IW-36

- Centerline

Scale in Feet

Shoalest Sounding per Quarter 6 - 45 — Channel Framework

5 - 6

4 - 5 3 - 4

2 - 3 1 - 2 -2.82 - 1

EXISTING AT THAT TIME.

State of New Jersey, Esri, HERE, Garm

USGS, NGA, EPA, USDA, NP:

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. INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.

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

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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 THE POSITIONS OF THE AIDS TO NAVIGATION ARE PROVIDED FOR

THE LIMITS OF THE FEDERAL CHANNEL DEPICT THE MOST CURRENT CHANNEL

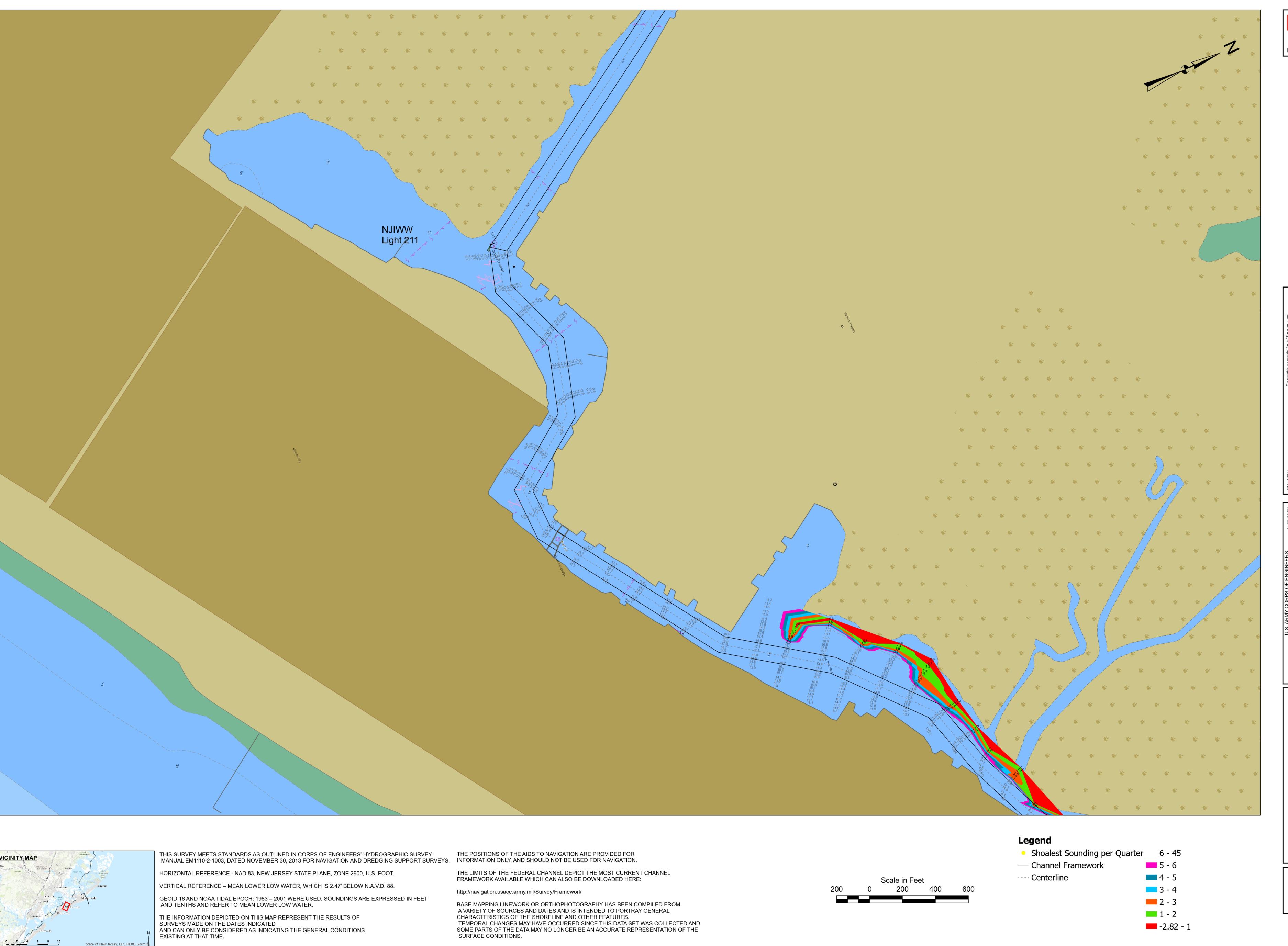
FRAMEWORK AVAILABLE WHICH CAN ALSO BE DOWNLOADED HERE:

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SURFACE CONDITIONS.

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LOCATIONS OF MKR #390 TO MKR #399 WERE RECORDED ON 18 JUL 23.





IW-36

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USGS, NGA, EPA, USDA, NPS