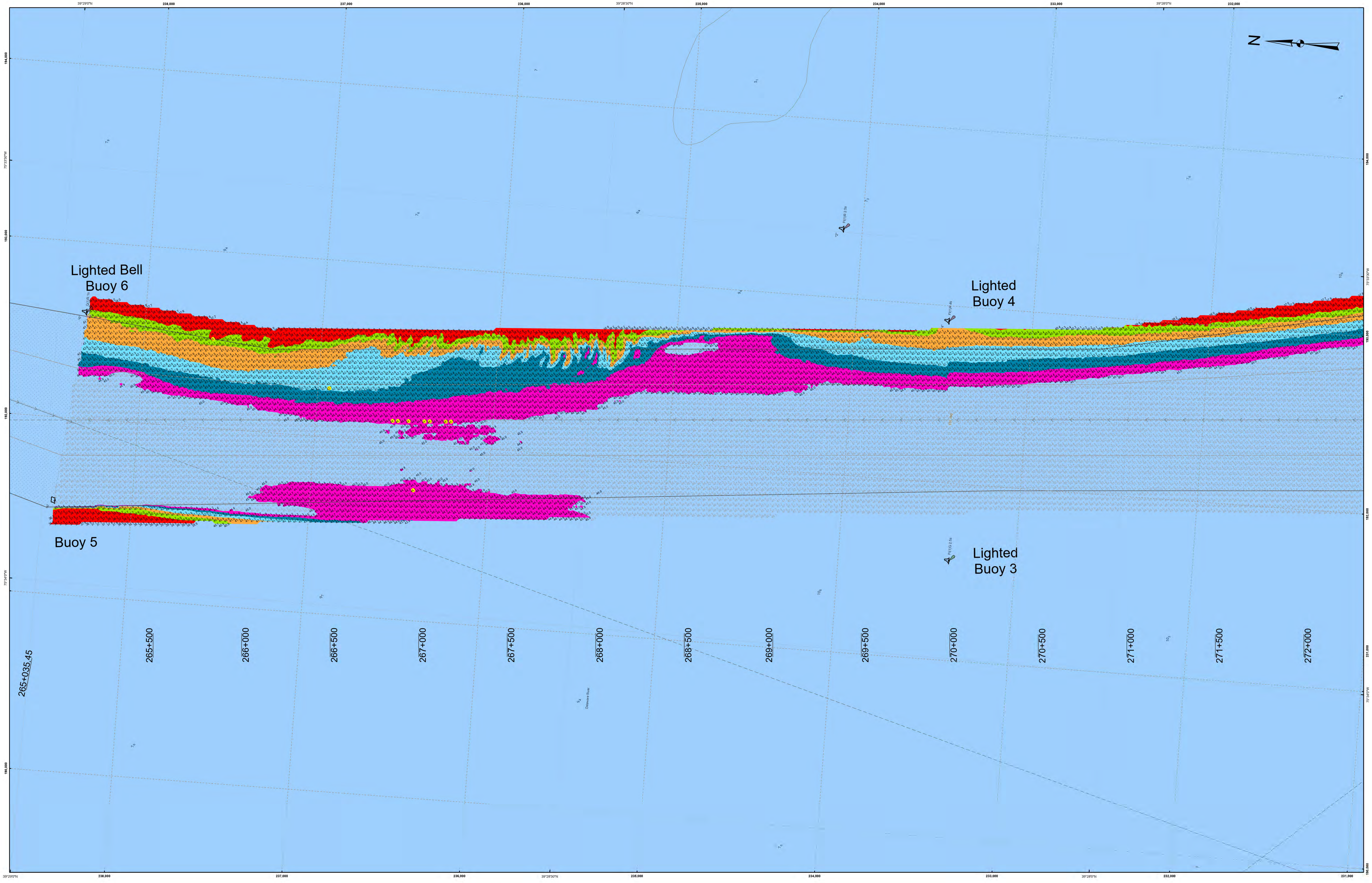
N
Lighted Bell
Buoy 6
Lighted
Buoy 4
Buoy 5
Lighted
Buoy 3
265+035.45
265+500
266+000
266+500
267+000
267+500
268+000
268+500
269+000
269+500
270+000
270+500
271+000
271+500
272+000
39°29'0"N
39°28'30"N
39°28'0"N
75°33'30"W
75°34'0"W
238,000
237,000
236,000
235,000
234,000
233,000
232,000
231,000
194,000
193,000
192,000
191,000
190,000

US Army Corps
of Engineers
Philadelphia District

STA. 265+035 to STA. 270+000 -- 24 SEP 24
STA. 270+000 to STA. 275+057 -- 30 SEP 24

VICINITY MAP
N
New Castle County, Delaware FirstMap, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS
0 1 2 3 4
Miles

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.

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

3. VERTICAL REFERENCE – MEAN LOWER LOW WATER, WHICH IS 3.17' BELOW N.A.V.D. 88.

4. GEOID 12B AND NOAA TIDAL EPOCH: 1983 – 2001 WERE USED. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.

5. SOUNDINGS WERE SELECTED FOR PLOTTING PURPOSES ONLY, USING THE MINIMUM DEPTH WITHIN A 30'X30' CELL SHIFTED TO THE CELL CENTER.

6. CONTOURS DEPICT ACTUAL LOCATION OF BATHYMETRY AND DO NOT NECESSARILY REFLECT PLOTTED SOUNDING LOCATIONS.

7. CONTOURS WERE GENERATED USING THE MINIMUM DEPTH WITHIN A 15'X15' CELL.

8. HYPACK, INC. SOFTWARE WAS USED TO PERFORM THE SOUNDING SELECTION AND CONTOUR GENERATION.

9. 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.

10. THE POSITIONS OF THE AIDS TO NAVIGATION ARE PROVIDED FOR INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.

11. 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

12. 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

● Shoalest Sounding per Quarter
- - CenterLine
— ToeLine
-·- QuarterLine
— StationLine
45 - 53.953
🟪 44 - 45
🟦 43 - 44
🟦 42 - 43
🟧 41 - 42
🟩 40 - 41
🟥 26.9 - 40

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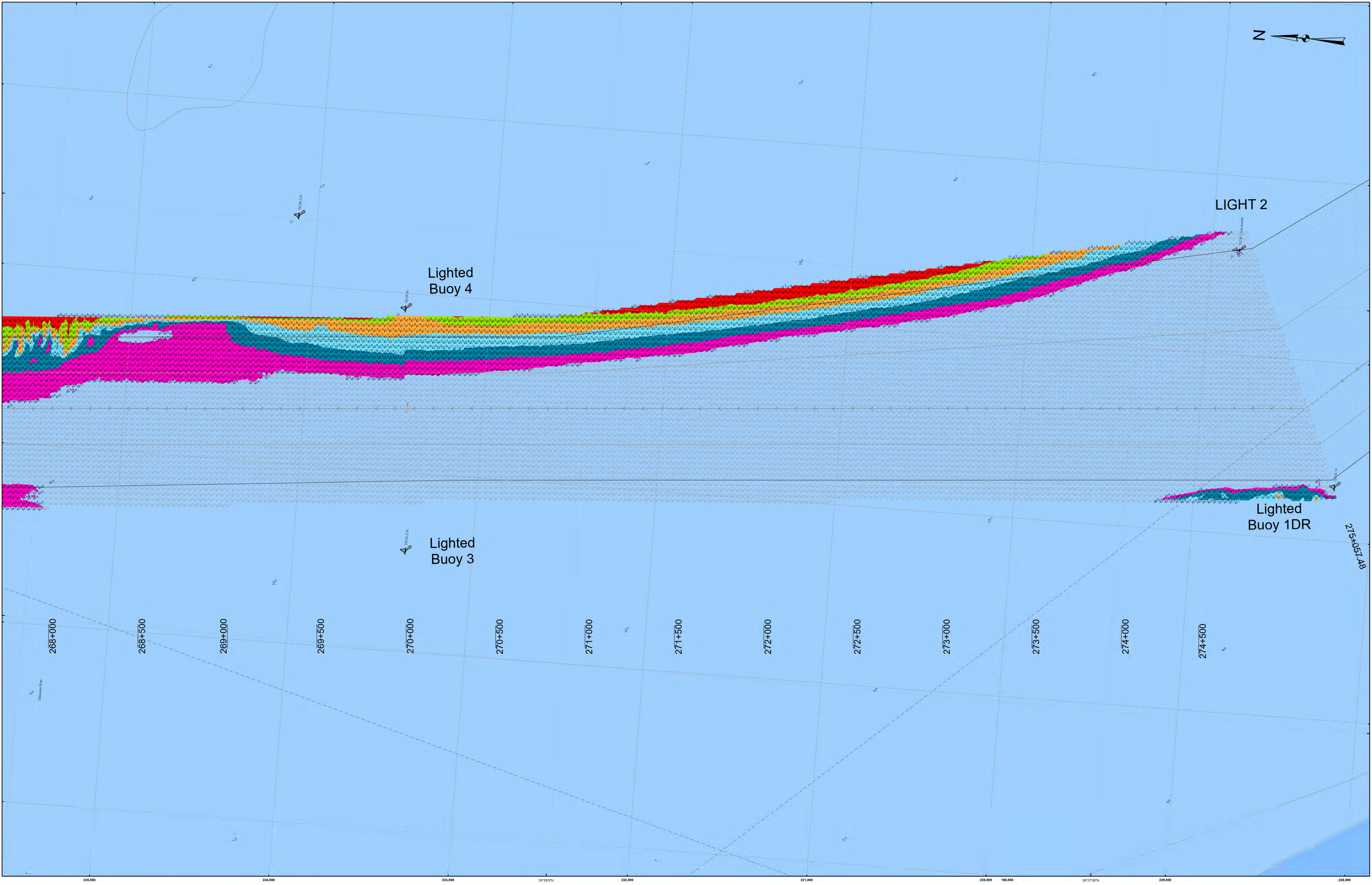
U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

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

DELAWARE RIVER, PHILADELPHIA TO THE SEA
BAKER RANGE
EXAMINATION
STA. 265+035.45 to STA. 275+057.48

E-PS-325


LIGHT 2
Lighted Buoy 4
Lighted Buoy 3
Lighted Buoy 1DR
275+057.48
268+000
268+500
269+000
269+500
270+000
270+500
271+000
271+500
272+000
272+500
273+000
273+500
274+000
274+500
N
235,000
234,000
233,000
232,000
231,000
230,000
229,000
228,000
190,000
192,000
193,000
194,000
195,000
39°28'30"N
39°28'0"N
39°27'30"N
75°34'0"W
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