



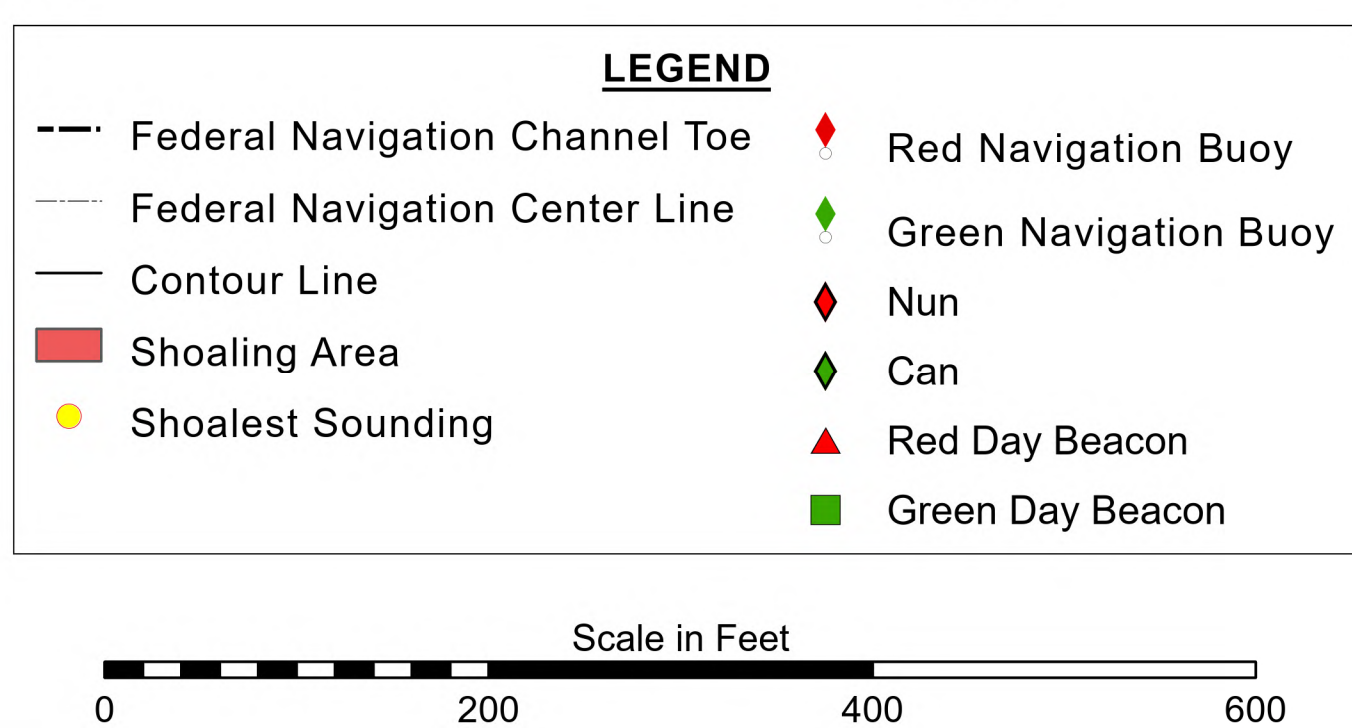
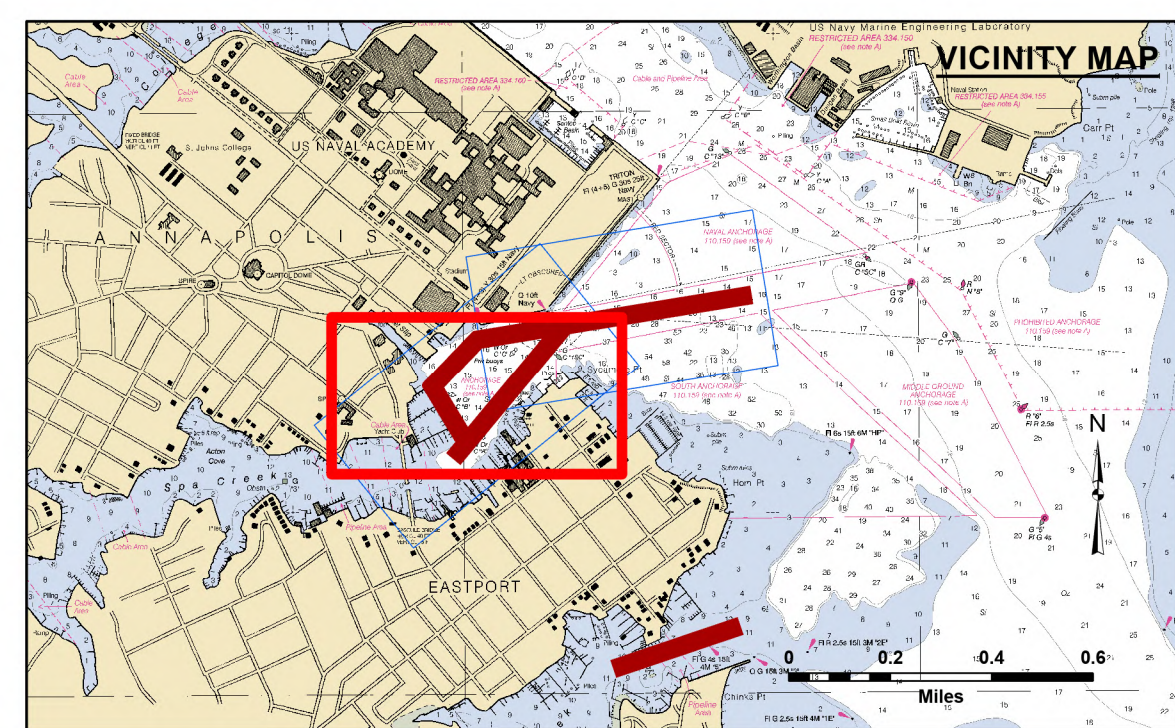
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U.S. ARMY CORPS OF ENGINEERS	
BALTIMORE DISTRICT	
Submitted: _____	Surveyed By: _____
Recommended: _____	Plotted By: _____
Chief, Survey Team	
Approved: _____	Checked By: _____
Chief, Survey/Debris Removal Section	

ANNE ARUNDEL COUNTY
Annapolis Harbor
MD_67_067_20240223_CS
23 February 2024

Sheet
Reference
Number
2 of 2

Revision Number:
5.23.1.24-5.23.1.24



NOTES:

1. STATIONS ARE AT 1000' INTERVALS.
2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY MV BUCK USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM 200KHZ ECHOSOUNDER.
7. PROJECT DEPTH: 15 FEET.
8. CHANNEL WIDTH IS 100 FEET.
9. TIDE OBSERVED AT CAMBRIDGE, MD NOAA AUTOGAUGE (8755121). TIDAL ZONING WAS APPLIED ACCORDING TO NOAA CO-OPS DISCRETE TIDAL ZONING MAP ([HTTPS://WWW.ARCGIS.COM/HOME/ITEM.HTML?ID=21D7B399E6FA42E18A72EE30BE9AA5C9](https://www.arcgis.com/home/item.html?id=21D7B399E6FA42E18A72EE30BE9AA5C9))

TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK 1559 B. BENCH MARK IS A STANDARD SURVEY DISK STAMPED "1559 B 1981". FROM THE INTERSECTION OF RTE. 50 AND RTE 331 IN VIENNA, PROCEED SOUTH ON HIGHWAY 331 FOR 0.6 MILES TO GAY STREET AND TURN LEFT ONTO LINDEN LANE. GO ONE BLOCK AND MAKE RIGHT ONTO MARKET STREET(MARKET STREET TURNS INTO ELLIOTT ISLAND ROAD). PROCEED 18.0 MILES TO A FORK IN THE ROAD AT THE VILLAGE OF ELLIOTT, BEAR LEFT ON WHIARF RD AND GO 0.53 MILES AND STATION ON RIGHT. STATION IS 13.94 FEET WOF THE NE CORNER OF THE CONCRETE SLAB FOR THE PICNIC AREA, 12.46 FT NNE OF THE NW OF THE CONCRETE PAD.

BENCH MARK ELEV. IS 3.42' ABOVE MLLW FOR THE '83-01 TIDAL EPOCH.
COMPUTED USING GEOID12B.

BENCH MARK	MLLW ELEV.
1559 B	3.42'
1559 D	2.80'
1559 E	2.66'

ANNAPOLIS HARBOR CHANNEL COORDINATES

LEFT TOE

CENTERLINE

RIGHT TOE

STATION	EASTING	NORTHING	STATION	EASTING	NORTHING	STATION	EASTING	NORTHING
0+000.00	1462226.76	477976.80	0+000.00	1462218.67	478026.14	0+000.00	1462210.58	478075.48
2+877.89	1459386.78	477511.22	2+894.62	1459362.18	477557.84	2+911.35	1459337.58	477604.49
3+502.19	1458955.65	477059.68	3+573.85	1458893.13	477066.58	3+645.52	1458830.58	477073.49
4+084.70	1459256.34	476560.78	4+211.98	1459222.54	476520.04	4+339.27	1459188.68	476479.31

SPA CREEK CHANNEL COORDINATES

LEFT TOE

CENTERLINE

RIGHT TOE

STATION	EASTING	NORTHING	STATION	EASTING	NORTHING	STATION	EASTING	NORTHING
0+000.00	1460299.94	477660.92	0+000.00	1460273.41	477707.24	0+000.00	1460149.46	477636.25
1+802.17	1459148.58	476274.49	1+820.88	1459110.10	476306.41	1+687.07	1459071.64	476338.37