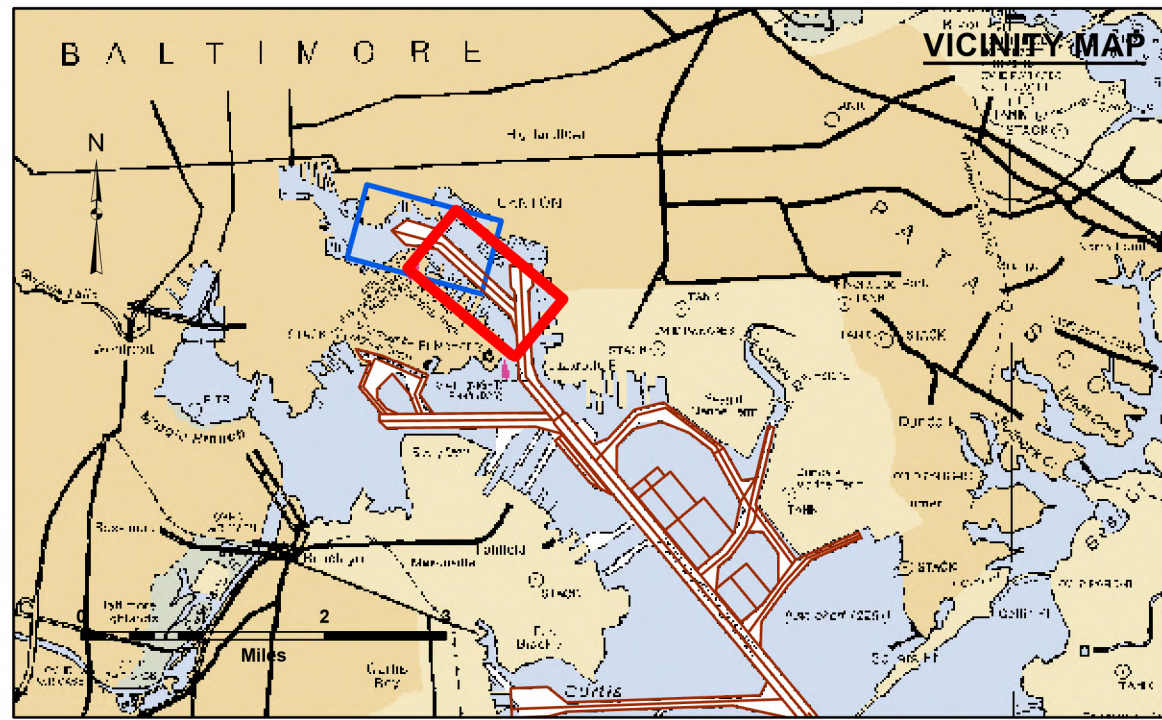
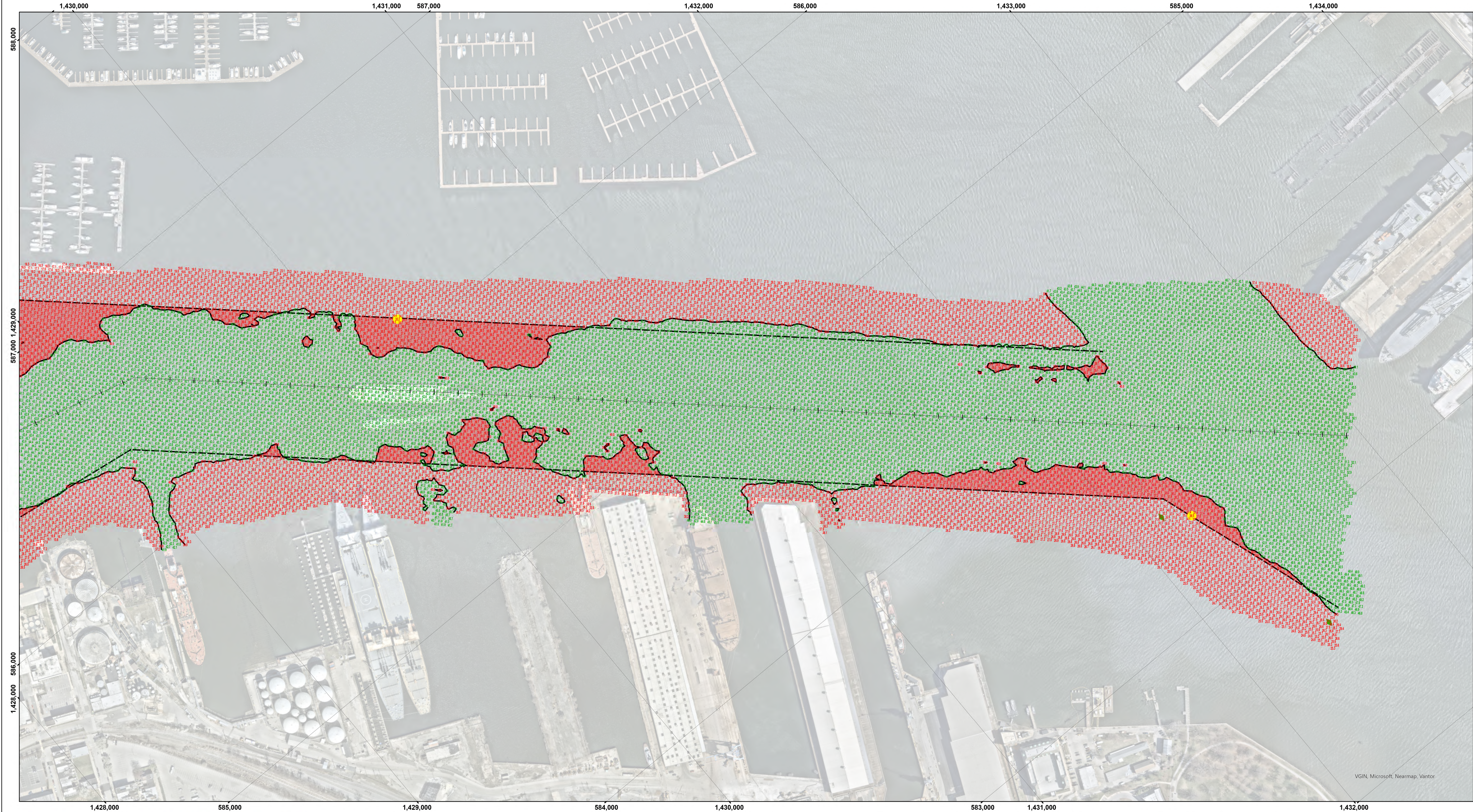




LEGEND

Federal Navigation Channel Toe

Federal Navigation Center Line

Contour Line

Shoaling Area

Shoalest Sounding

Red Navigation Buoy

Green Navigation Buoy

Nun

Can

Red Day Beacon

Green Day Beacon

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 THE MV CATLETT USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY A R2SONIC 2024 SONAR SYSTEM.
7. PROJECT DEPTH: 40 FEET.
8. CHANNEL WIDTH IS 600 FEET.
9. TIDE OBSERVED AT FORT MCHENRY NOAA AUTO GAUGE (8574680), TIDAL ZONING WAS APPLIED ACCORDING TO NOAA CO-OPS DISCRETE TIDAL ZONING MAP ([HTTPS://WWW.ARCGIS.COM/APPS/MAPVIEWER/INDEX.HTML?WEBMAP=21D7B399E6FA42E18A72EE30BE9AA5C9](https://www.arcgis.com/apps/mapviewer/index.html?webmap=21D7B399E6FA42E18A72EE30BE9AA5C9)).

TIDAL BENCH MARK	
TIDAL BENCHMARK IS BENCHMARK 4680 B 1997. BENCHMARK IS AN ALUMINUM ALLOY ROD IN SLEEVE STAMPED "4680 B 1997". THE BENCH MARK IS LOCATED IN THE LAWN ON THE NORTH SIDE OF THE US CORPS OF ENGINEERS FT MCHENRY, 91.1 FT SE OF POWER POLE NUMBER 816425 ON THE EAST SIDE OF THE PARKING LOT, 80.6 FT SW OF THE SEAWALL, AND 15.7 FT NNE OF THE NE FACE OF THE OFFICE BUILDING. THE POINT IS SET 0.4 FT BELOW GROUND.	
BENCH MARK ELEV. IS 5.47' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID 18.	
BENCH MARK	MLLW ELEV
4680 B 1997	5.47'
BARNES	5.42'
FORT MCHENRY	5.48'

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

**Baltimore Harbor
West Channel
BH_24_1WC_20260721_CS
21 July 2026**

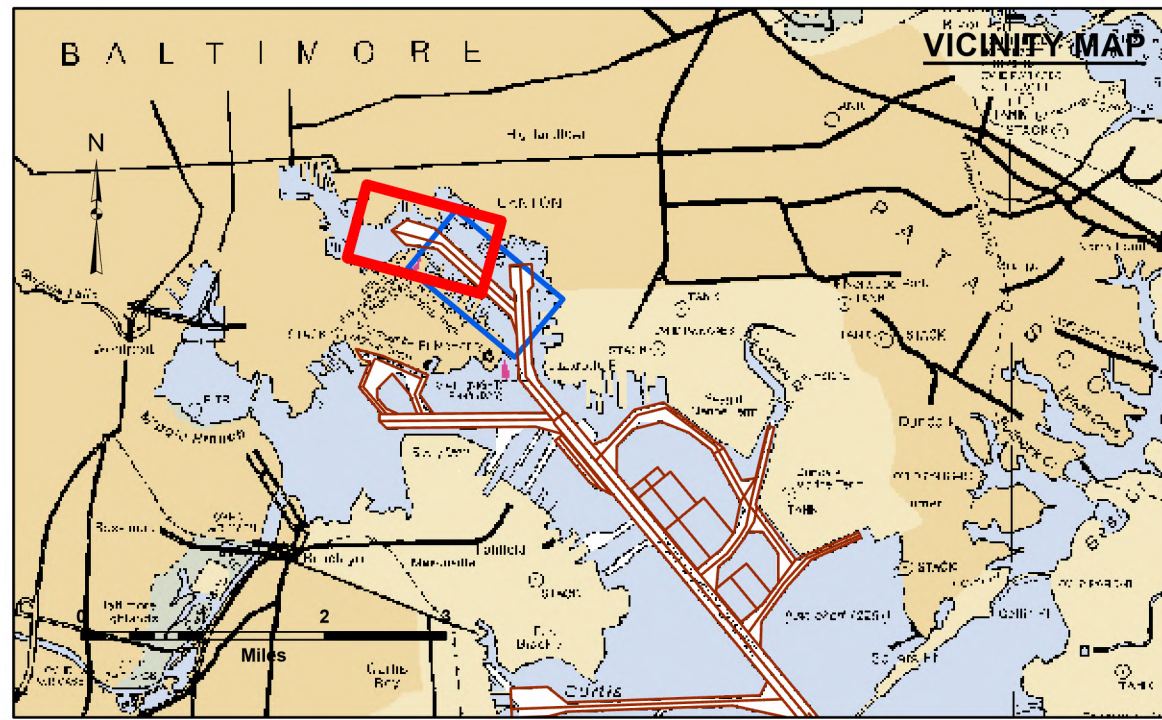
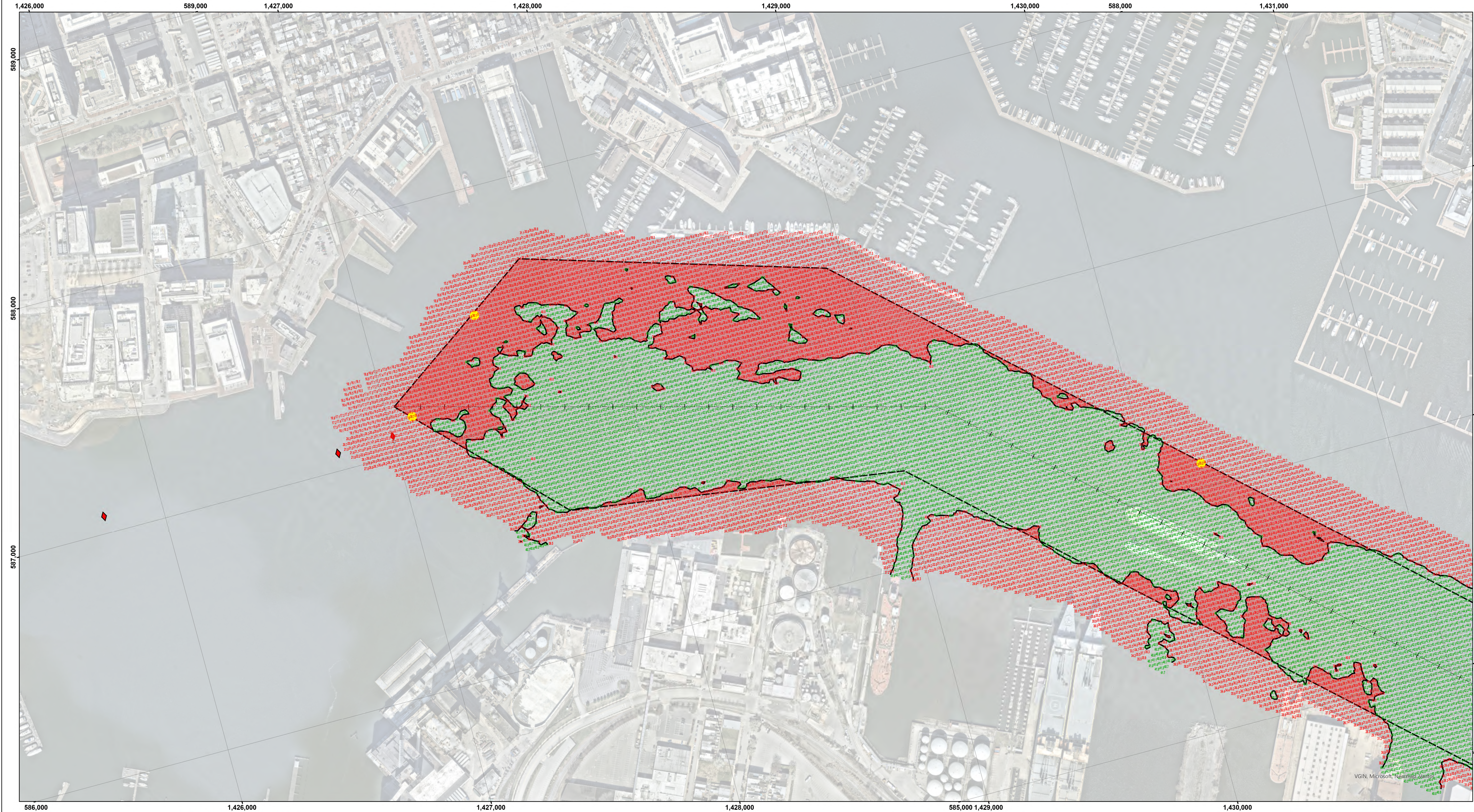
**Sheet
Reference
Number
1 of 2**

Revision Number:
5.26.03.19-5.26.03.19

**US Army Corps
of Engineers
District: CENAB**

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DISCLAIMER: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and fulfills the general existing conditions. The user is responsible for the results of any of the application of the data for other than its intended purpose.



LEGEND

--- Federal Navigation Channel Toe

--- Federal Navigation Center Line

--- Contour Line

Shoaling Area

Shoalest Sounding

Red Navigation Buoy

Green Navigation Buoy

Nun

Can

Red Day Beacon

Green Day Beacon

Scale in Feet

0 400 800 1,200

NOTES:

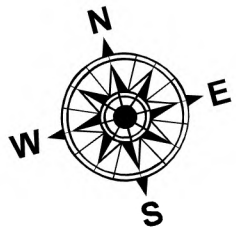
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U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT		
Submitted:	Surveyed By:	
Recommended: Chief, Survey Team	Plotted By:	
Approved:	Checked By:	

Baltimore Harbor

West Channel

BH_24_1WC_20260721_CS

21 July 2026

Sheet
Reference
Number
2 of 2

US Army Corps
of Engineers
District: CENAB

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WEST CHANNEL GEOMETRY

LEFT TOE		STATION	CENTERLINE		RIGHT TOE	
EASTING	NORTHING	STATION	EASTING	NORTHING	EASTING	NORTHING
1432465.30	582676.20	0+000.00	1432949.00	583205.60	1433131.60	583445.20
1432193.80	583489.30	5+049.06	1429221.60	586611.40	1432393.40	584119.70
1429019.30	586389.90	7+309.73	1427038.60	578198.90	1428925.70	587288.20
1427634.00	586592.40				1427700.00	587658.70
1427038.60	587198.90				1427038.60	587198.90