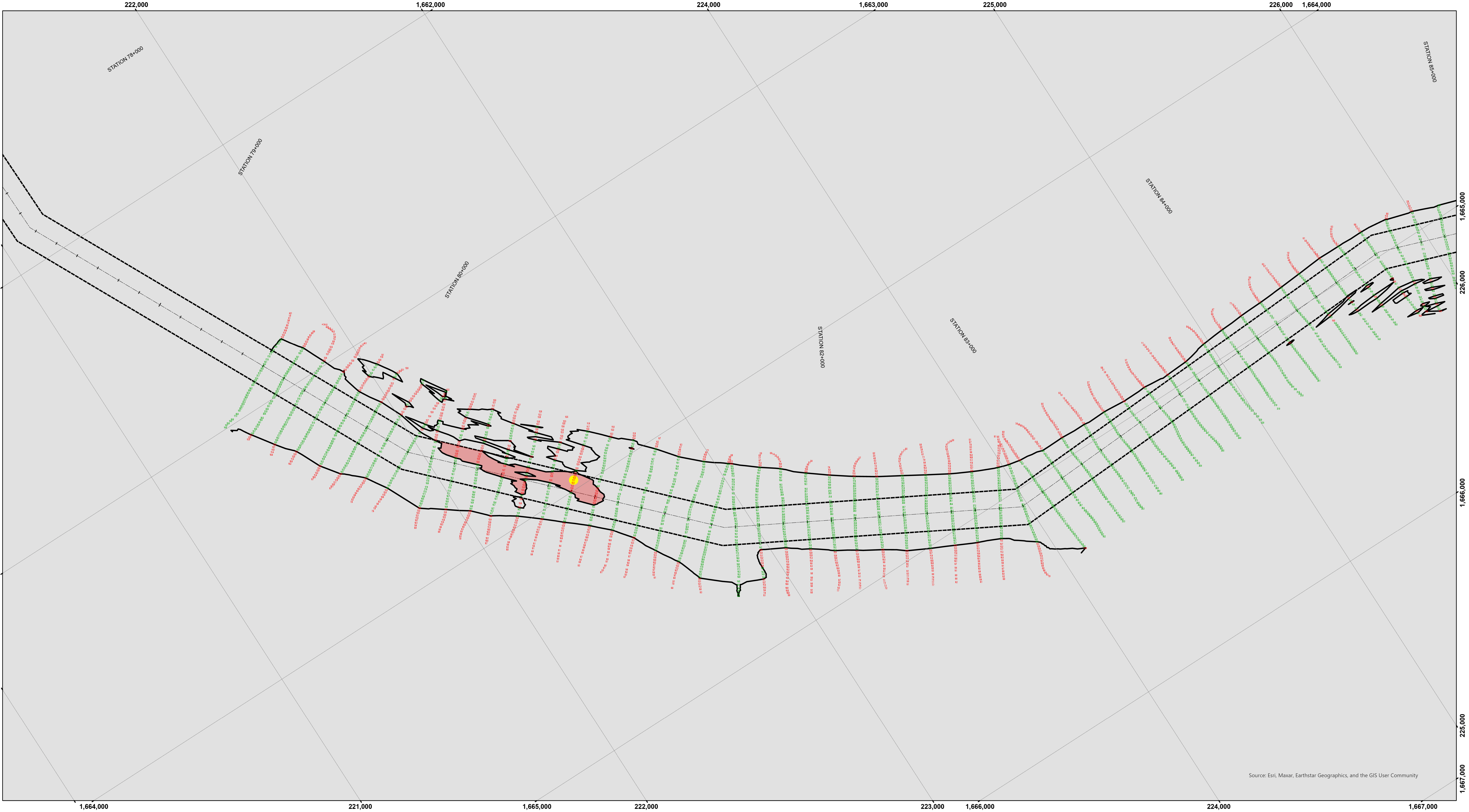
CORPS OF ENGINEERS U.S. ARMY



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

US Army Corps of Engineers District: CENAB

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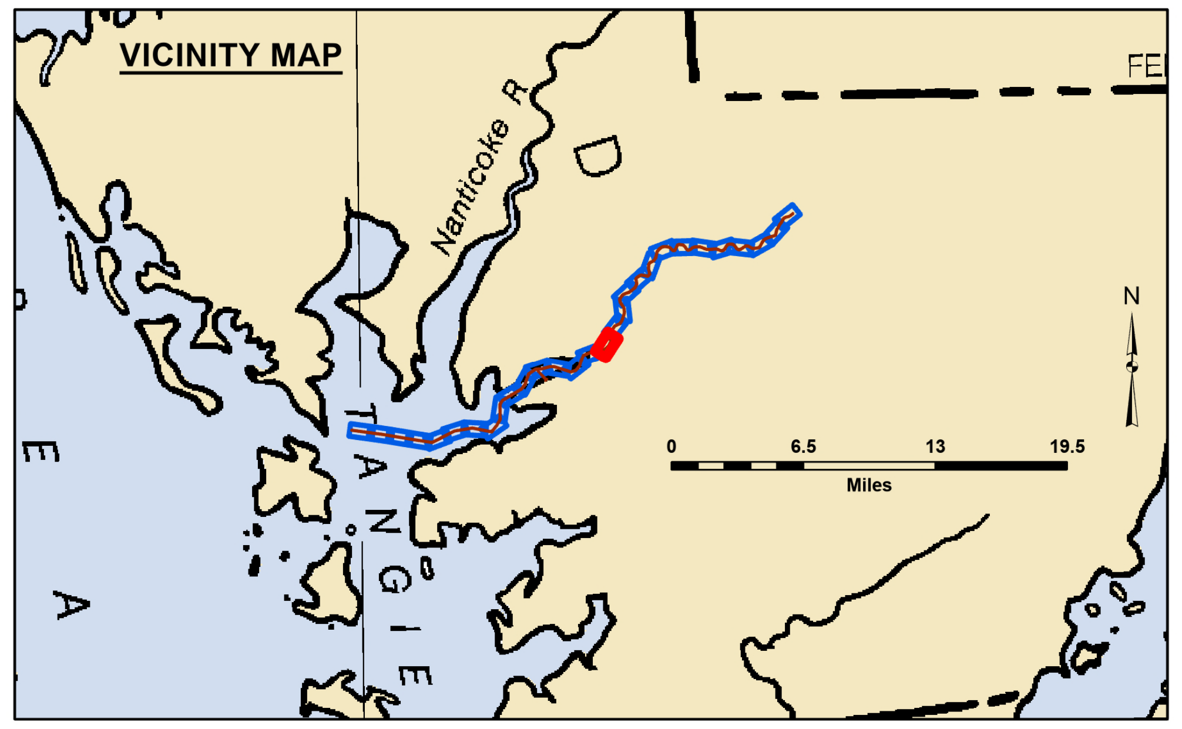
U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Submitted: ________
Recommended: ________ Chief, Survey Team
Approved: ________ Chief, Survey/Debris Removal Section

Surveyed By: ____
Plotted By: ____
Checked By: ____



LEGEND

- - - Federal Navigation Channel Toe	♦ Red Navigation Buoy
— · — Federal Navigation Center Line	♦ Green Navigation Buoy
— Contour Line	◆ Nun
🟥 Shoaling Area	◆ Can
● Shoalest Sounding	▲ Red Day Beacon
	🟩 Green Day Beacon

Scale in Feet

NOTES:

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TIDAL BENCH MARKS

DEAL ISLAND		WEBSTERS COVE		WHITE HAVEN	
BENCH MARK	MLLW ELEV	BENCH MARK	MLLW ELEV	BENCH MARK	MLLW ELEV
MOLLY	5.62'	WEB 3	6.07'	857 1485 TIDAL2	3.55'
43-UT-01	7.86'	042-WCC-01	3.99'	857 1485 TIDAL3	3.58'
43-UT-02	5.91'	042-WCC-02	4.13'	857 1485 A TIDAL	3.46'
SIMS WHARF		**CHERRY HILL**		**UPPER FERRY**	
BENCH MARK	MLLW ELEV	BENCH MARK	MLLW ELEV	BENCH MARK	MLLW ELEV
BAILEY 1992	7.00'	HEATHER 2011	5.03'	UPPER FERRY	3.72'
WACO 3	7.62'	042 CH 2003	24.88'	042 UF 1 2013	3.62'
HARCOM 2013	3.96'	042 CH 02 2014	5.26'	F 184	23.35'

SAULSBURRY BOAT RAMP	
BENCH MARK	MLLW ELEV
042 SBR 01	6.91'
WOODS 1988	4.93'
042 SBR 02 2004	4.98'
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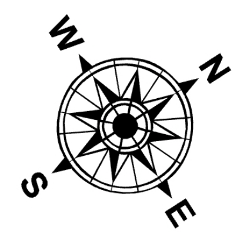

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
03 October 2024

Sheet Reference Number
16 of 29

Revision Number:
5.23.1.24-5.23.1.24

CORPS OF ENGINEERS U.S. ARMY

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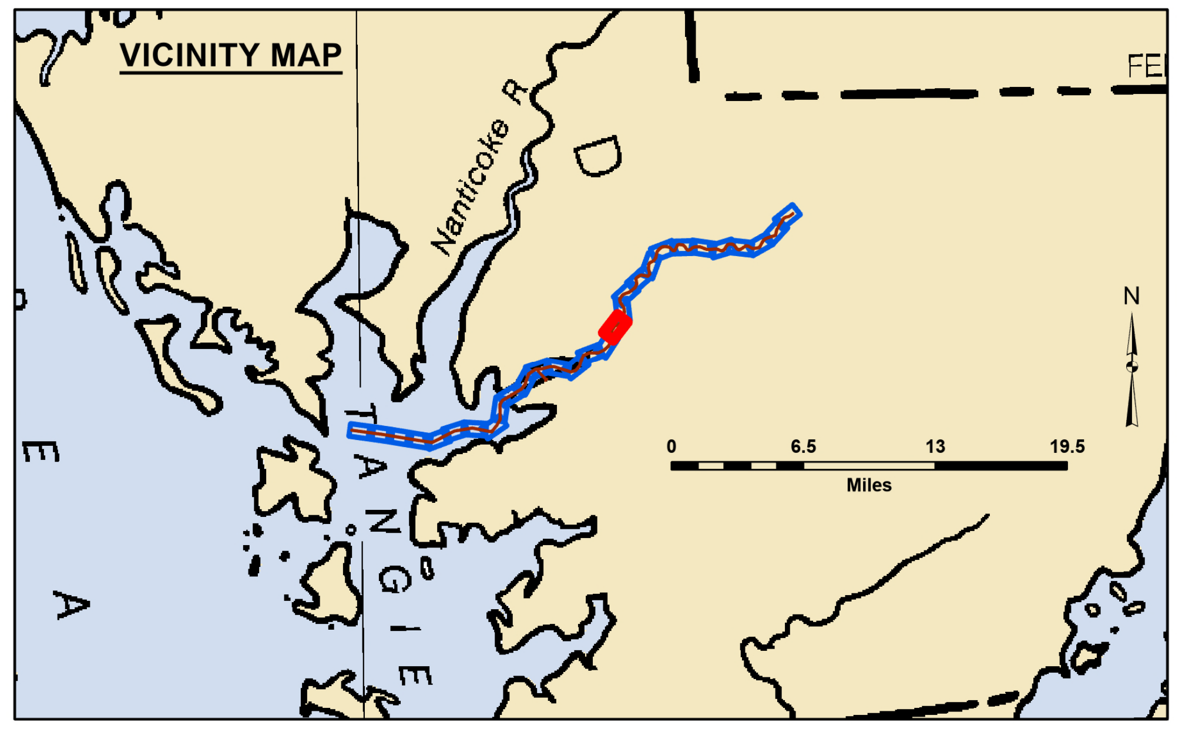

LEGEND

╍	Federal Navigation Channel Toe	♦	Red Navigation Buoy
┈	Federal Navigation Center Line	♦	Green Navigation Buoy
─	Contour Line	◆	Nun
🟥	Shoaling Area	◆	Can
●	Shoalest Sounding	▲	Red Day Beacon
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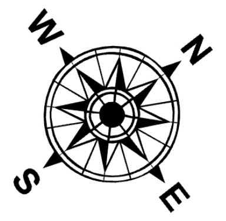

US Army Corps
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District: CENAB

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U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Submitted: ____	Surveyed By: ____
Recommended: ____ Chief, Survey Team	Plotted By: ____
Approved: ____ Chief, Survey/Debris Removal Section	Checked By: ____

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
03 October 2024

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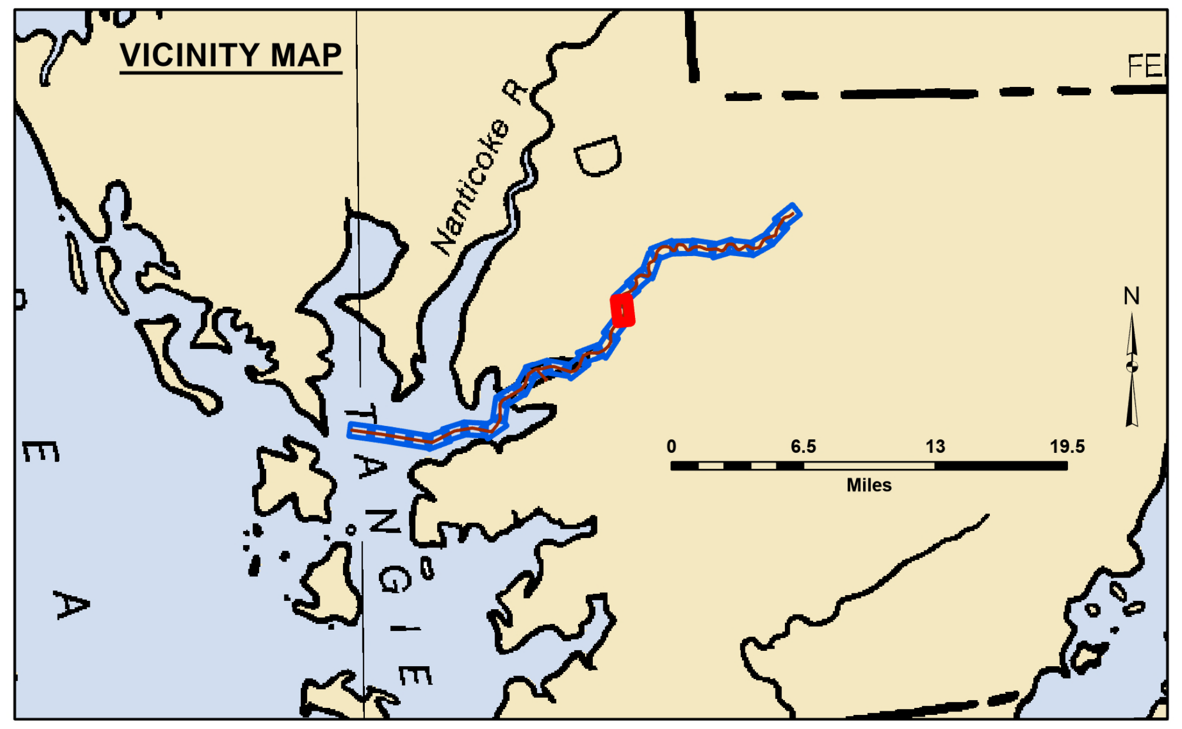

LEGEND

- ╌ Federal Navigation Channel Toe
- ┄ Federal Navigation Center Line
- — Contour Line
- 🟥 Shoaling Area
- ● Shoalest Sounding
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- ♦ Green Navigation Buoy
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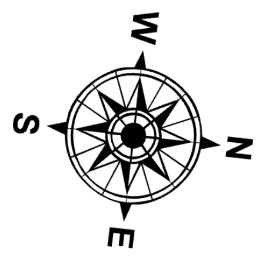

US Army Corps
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District: CENAB

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U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Surveyed By: ___
Plotted By: ___
Checked By: ___

Submitted: ___
Recommended: ___
Chief, Survey Team
Approved: ___
Chief, Survey/Debris Removal Section

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
03 October 2024

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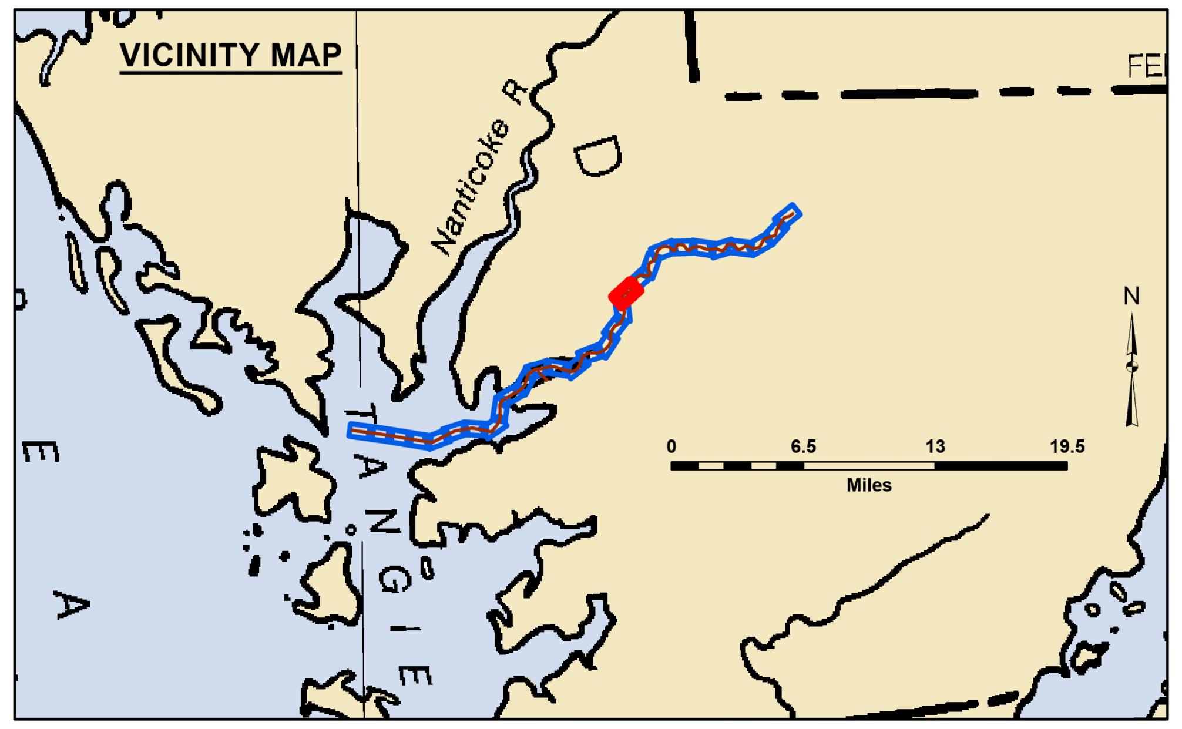

LEGEND

- Federal Navigation Channel Toe
- Federal Navigation Center Line
- Contour Line
- 🟥 Shoaling Area
- ● Shoalest Sounding
- ♦ Red Navigation Buoy
- ♦ Green Navigation Buoy
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- ♦ Can
- ▲ Red Day Beacon
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Scale in Feet
0 400 800 1,200

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TIDAL BENCH MARKS

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MOLLY	5.62'
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US Army Corps
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BALTIMORE DISTRICT

Submitted: ____	Surveyed By: ____
Recommended: ____ Chief, Survey Team	Plotted By: ____
Approved: ____ Chief, Survey/Debris Removal Section	Checked By: ____

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
03 October 2024

**Sheet
Reference
Number
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US Army Corps of Engineers District: CENAB

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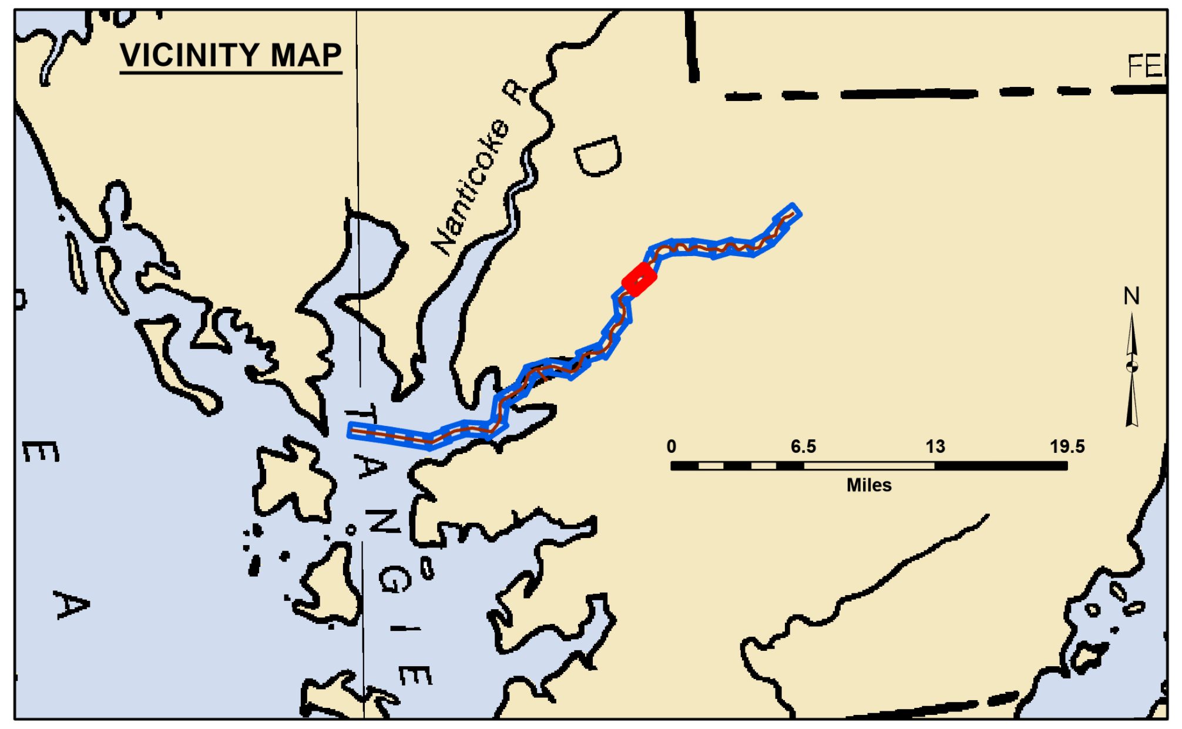

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BALTIMORE DISTRICT

Surveyed By: ____
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WICOMICO COUNTY
Wicomico
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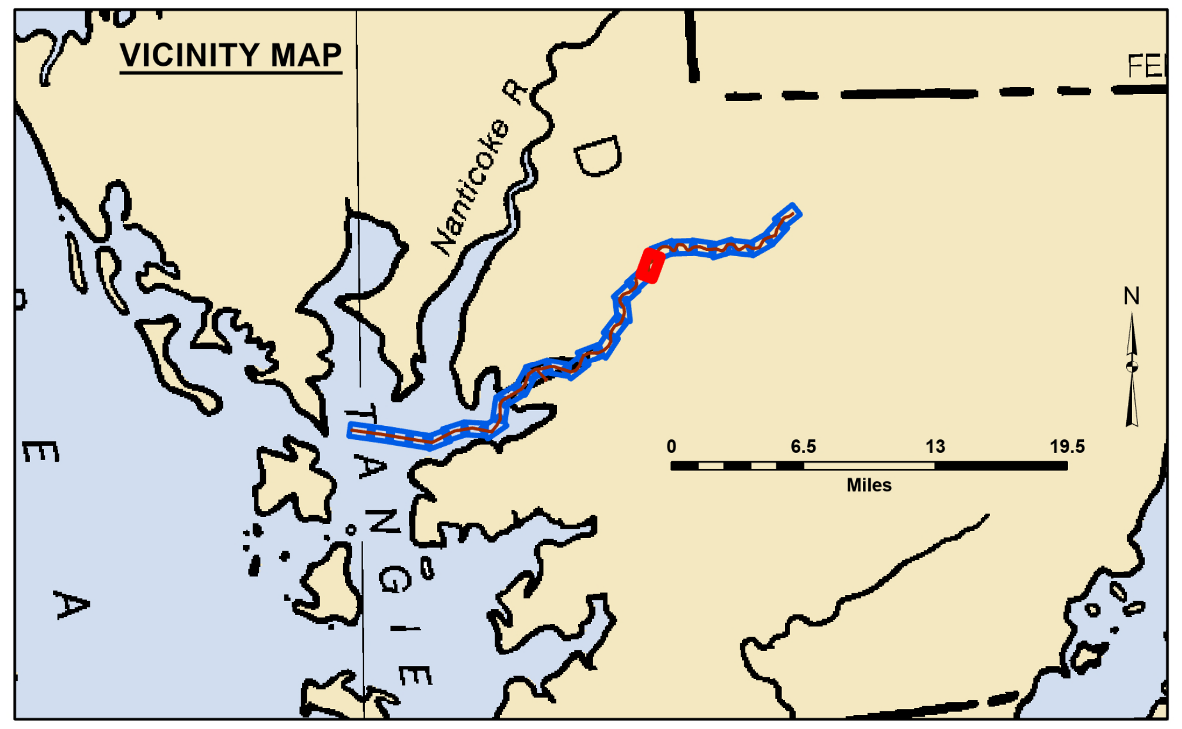

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WACO 3	7.62'
HARCOM 2013	3.96'

CHERRY HILL

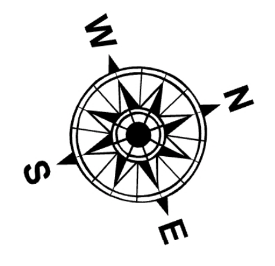
BENCH MARK	MLLW ELEV
HEATHER 2011	5.03'
042 CH 2003	24.88'
042 CH 02 2014	5.26'

UPPER FERRY

BENCH MARK	MLLW ELEV
UPPER FERRY	3.72'
042 UF 1 2013	3.62'
F 184	23.35'

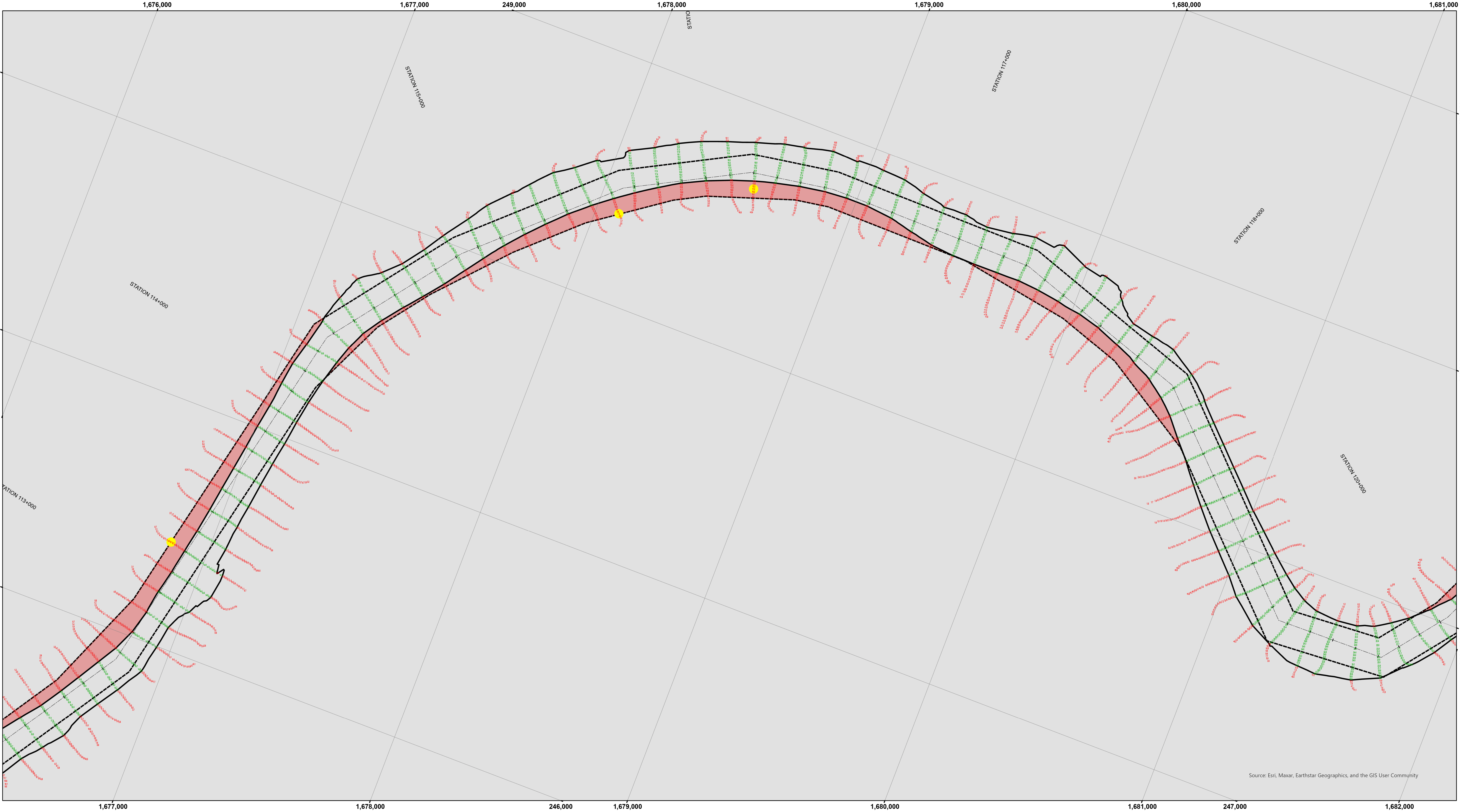
SAULSBURRY BOAT RAMP

BENCH MARK	MLLW ELEV
042 SBR 01	6.91'
WOODS 1988	4.93'
042 SBR 02 2004	4.98'
SHEAP 2006	6.85'

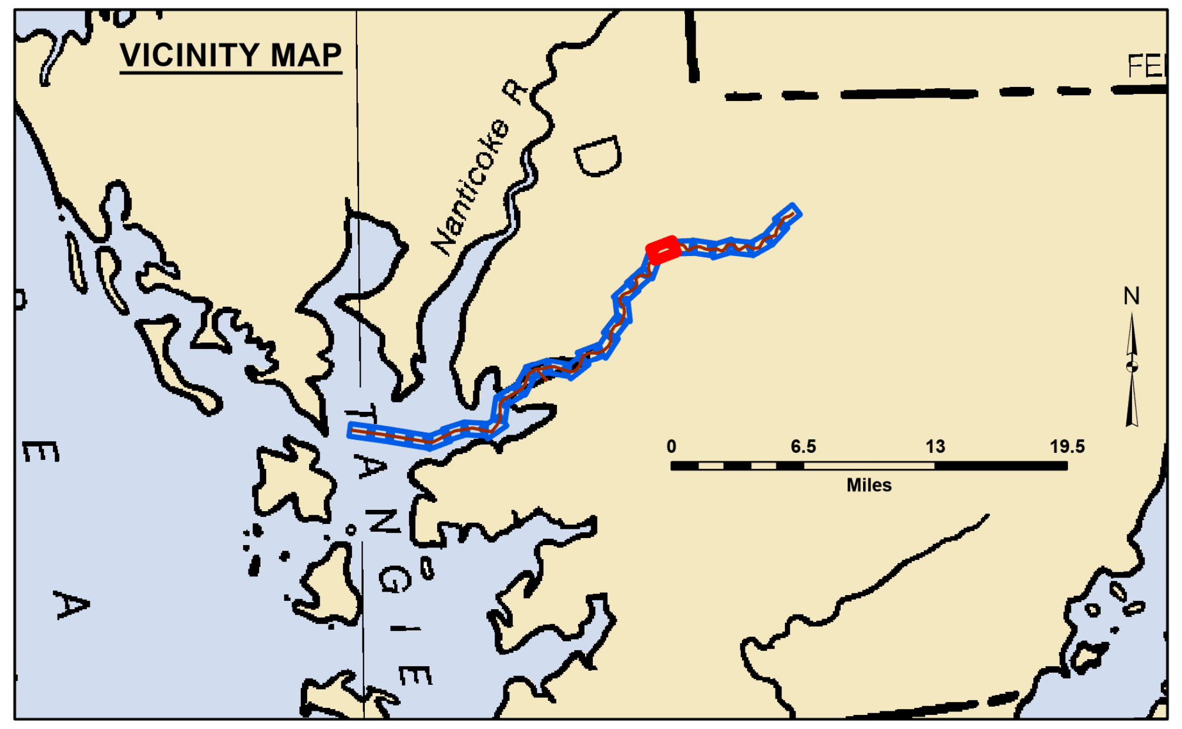


Sheet
Reference
Number
21 of 29

Revision Number:
5.23.1.24-5.23.1.24



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



LEGEND

- Federal Navigation Channel Toe
- Federal Navigation Center Line
- Contour Line
- 🟥 Shoaling Area
- ● Shoalest Sounding
- ♦ Red Navigation Buoy
- ♦ Green Navigation Buoy
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TIDAL BENCH MARKS

DEAL ISLAND

BENCH MARK	MLLW ELEV
MOLLY	5.62'
43-UT-01	7.86'
43-UT-02	5.91'

WEBSTERS COVE

BENCH MARK	MLLW ELEV
WEB 3	6.07'
042-WCC-01	3.99'
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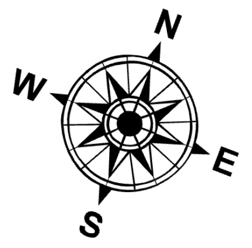

US Army Corps of Engineers District: CENAB

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U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Surveyed By: ___
Plotted By: ___
Checked By: ___
Submitted: ___
Recommended: ___ Chief, Survey Team
Approved: ___ Chief, Survey/Debris Removal Section

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
03 October 2024

Sheet Reference Number
22 of 29

Revision Number:
5.23.1.24-5.23.1.24

CORPS OF ENGINEERS U.S. ARMY

US Army Corps of Engineers District: CENAB

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BALTIMORE DISTRICT

Surveyed By: ____
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WICOMICO COUNTY
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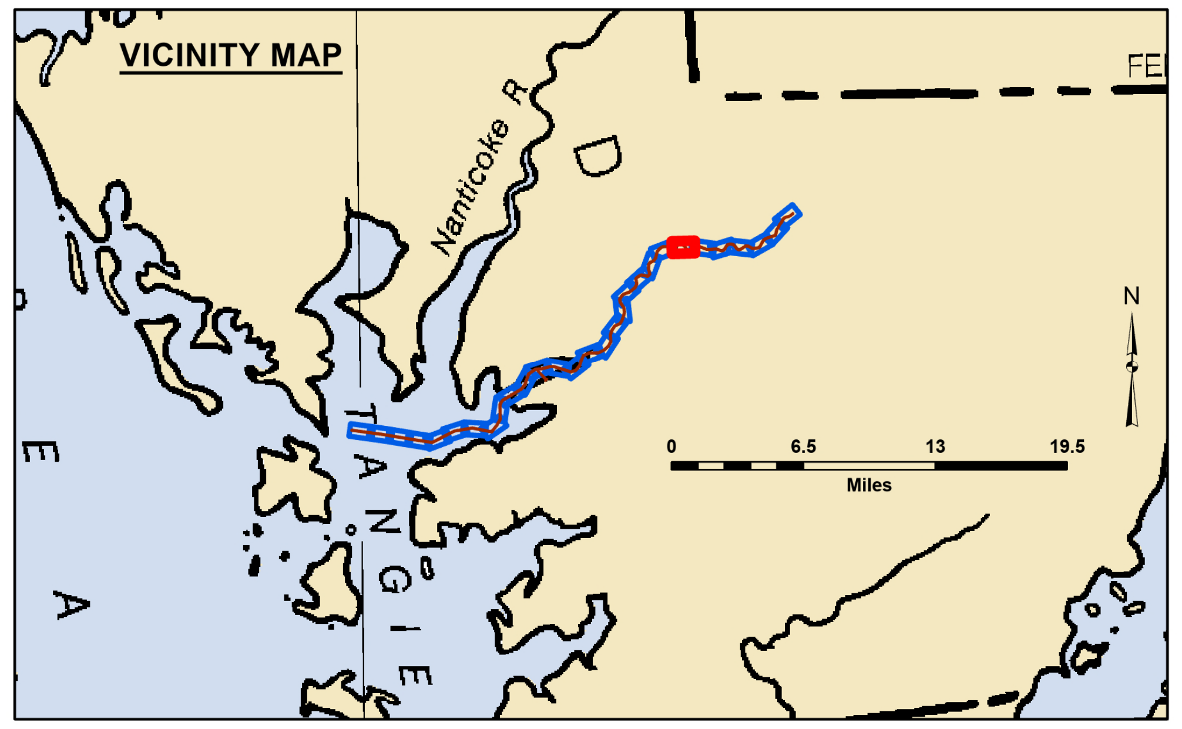

LEGEND

- - - Federal Navigation Channel Toe	♦ Red Navigation Buoy
-·-·- Federal Navigation Center Line	♦ Green Navigation Buoy
— Contour Line	♦ Nun
🟥 Shoaling Area	♦ Can
● Shoalest Sounding	▲ Red Day Beacon
	🟩 Green Day Beacon

Scale in Feet
0 400 800 1,200

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TIDAL BENCH MARKS

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N
W E
S

Sheet Reference Number
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5.23.1.24-5.23.1.24

CORPS OF ENGINEERS

U.S. ARMY

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

US Army Corps
of Engineers
District: CENAB

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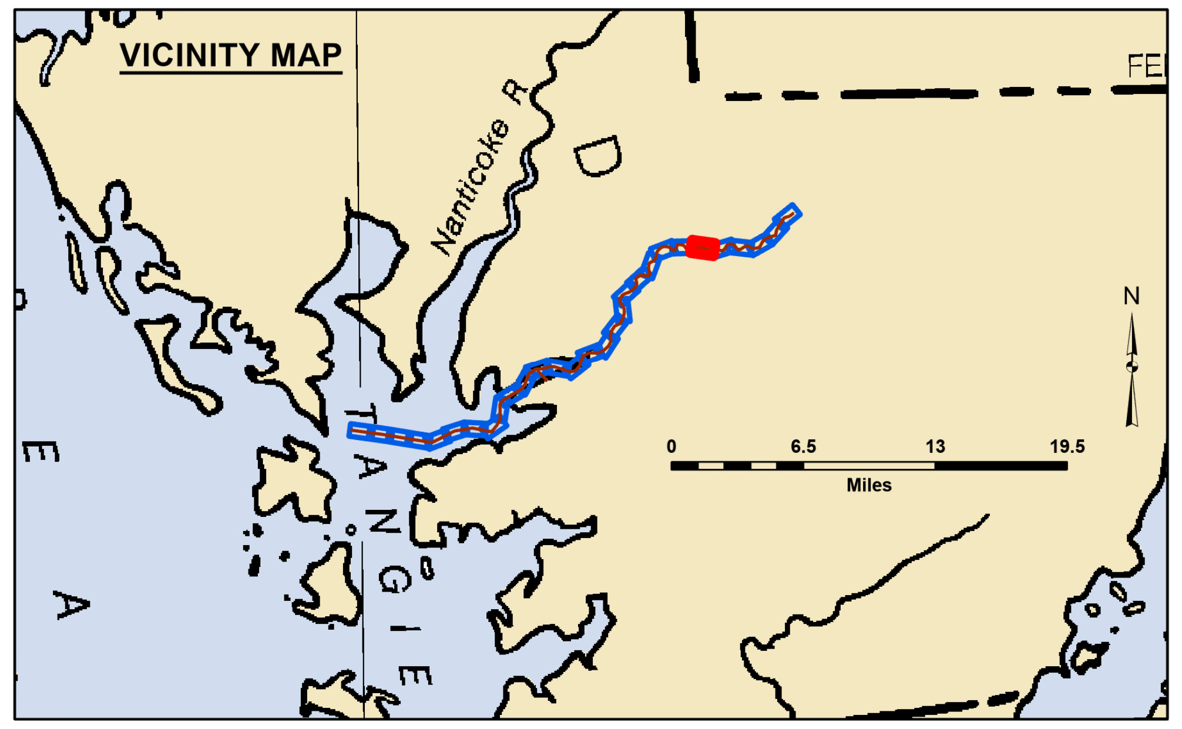
U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Submitted:	Surveyed By:
Recommended: Chief, Survey Team	Plotted By:
Approved: Chief, Survey/Debris Removal Section	Checked By:



LEGEND

╌	Federal Navigation Channel Toe	♦	Red Navigation Buoy
┄	Federal Navigation Center Line	♦	Green Navigation Buoy
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🟥	Shoaling Area	◆	Can
●	Shoalest Sounding	▲	Red Day Beacon
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DEAL ISLAND

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SAULSBURRY BOAT RAMP

BENCH MARK	MLLW ELEV
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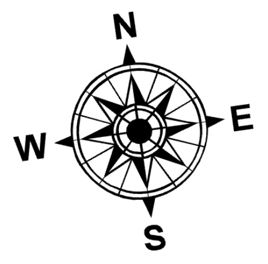

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
03 October 2024

Sheet
Reference
Number
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Revision Number:
5.23.1.24-5.23.1.24

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US Army Corps of Engineers
District: CENAB

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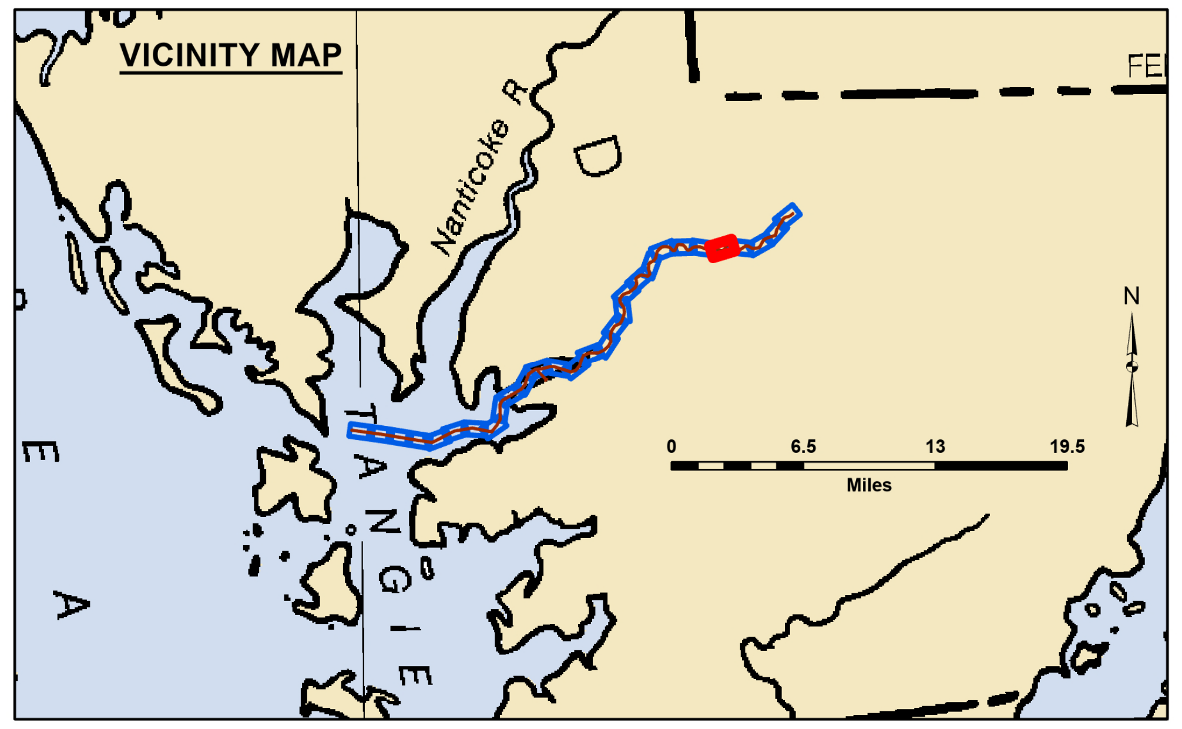
U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Surveyed By: ____
Plotted By: ____
Checked By: ____

Submitted: ____

Recommended: ____
Chief, Survey Team

Approved: ____
Chief, Survey/Debris Removal Section



LEGEND

- Federal Navigation Channel Toe
- Federal Navigation Center Line
- Contour Line
- 🟥 Shoaling Area
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- ♦ Red Navigation Buoy
- ♦ Green Navigation Buoy
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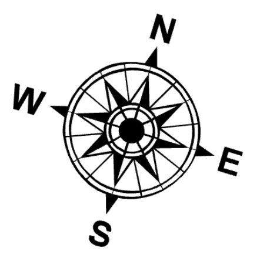

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
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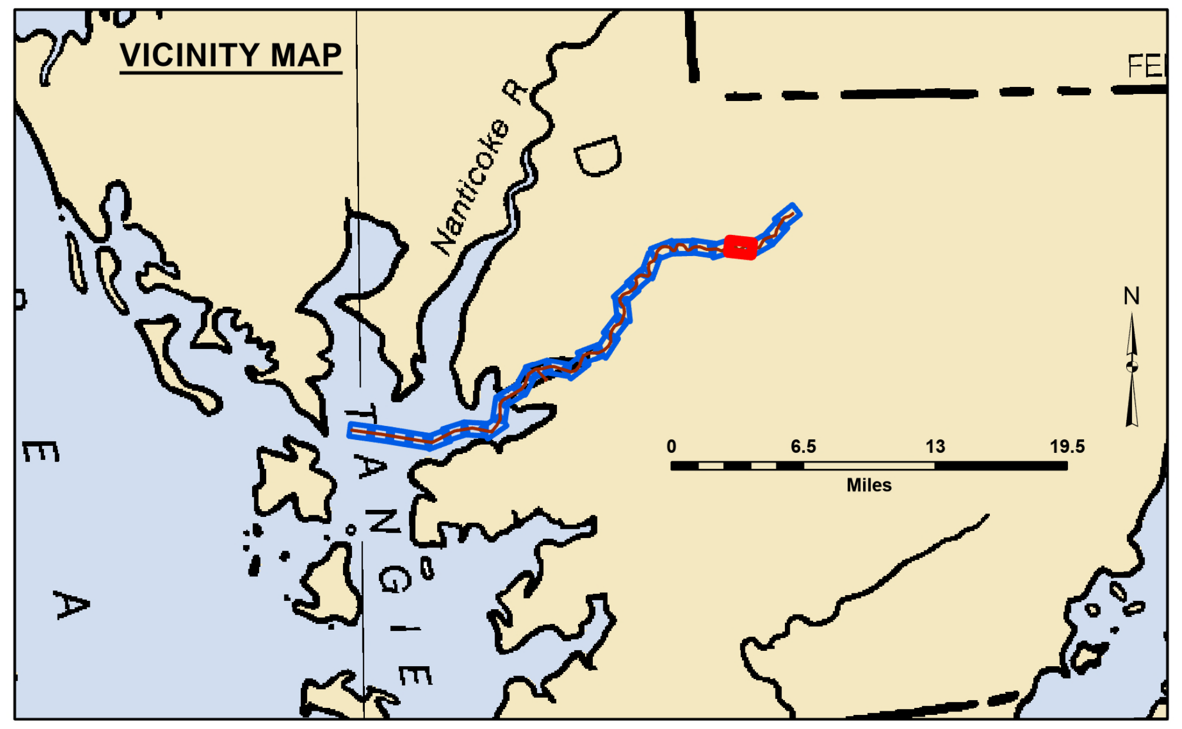

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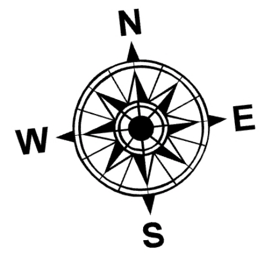

US Army Corps
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U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Submitted: ______	Surveyed By: ______
Recommended: ______ Chief, Survey Team	Plotted By: ______
Approved: ______ Chief, Survey/Debris Removal Section	Checked By: ______

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
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Sheet Reference Number 26 of 29

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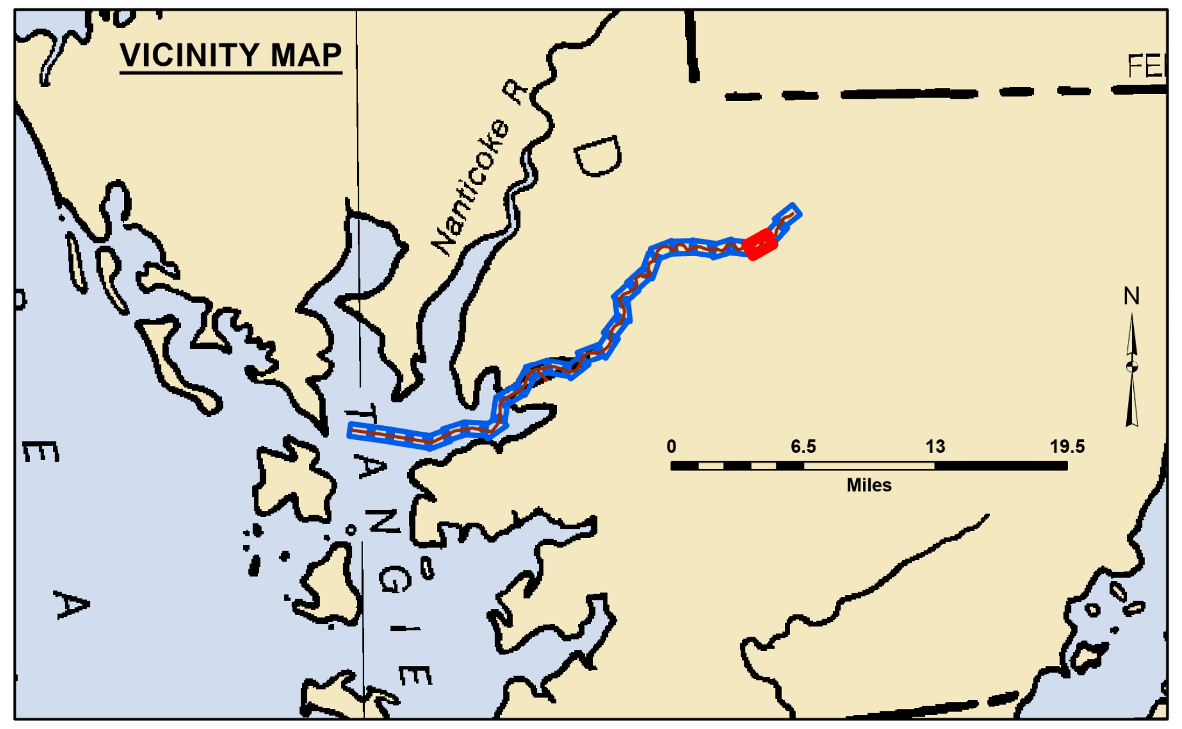

LEGEND

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WEB 3	6.07'
042-WCC-01	3.99'
042-WCC-02	4.13'

WHITE HAVEN

BENCH MARK	MLLW ELEV
857 1485 TIDAL2	3.55'
857 1485 TIDAL3	3.58'
857 1485 A TIDAL	3.46'

SIMS WHARF

BENCH MARK	MLLW ELEV
BAILEY 1992	7.00'
WACO 3	7.62'
HARCOM 2013	3.96'

CHERRY HILL

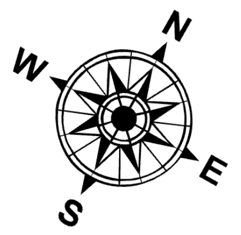
BENCH MARK	MLLW ELEV
HEATHER 2011	5.03'
042 CH 2003	24.88'
042 CH 02 2014	5.26'

UPPER FERRY

BENCH MARK	MLLW ELEV
UPPER FERRY	3.72'
042 UF 1 2013	3.62'
F 184	23.35'

SAULSBURRY BOAT RAMP

BENCH MARK	MLLW ELEV
042 SBR 01	6.91'
WOODS 1988	4.93'
042 SBR 02 2004	4.98'
SHEAP 2006	6.85'



US Army Corps
of Engineers
District: CENAB

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U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Submitted: ______

Recommended: ______
Chief, Survey Team

Approved: ______
Chief, Survey/Debris Removal Section

Surveyed By: ___

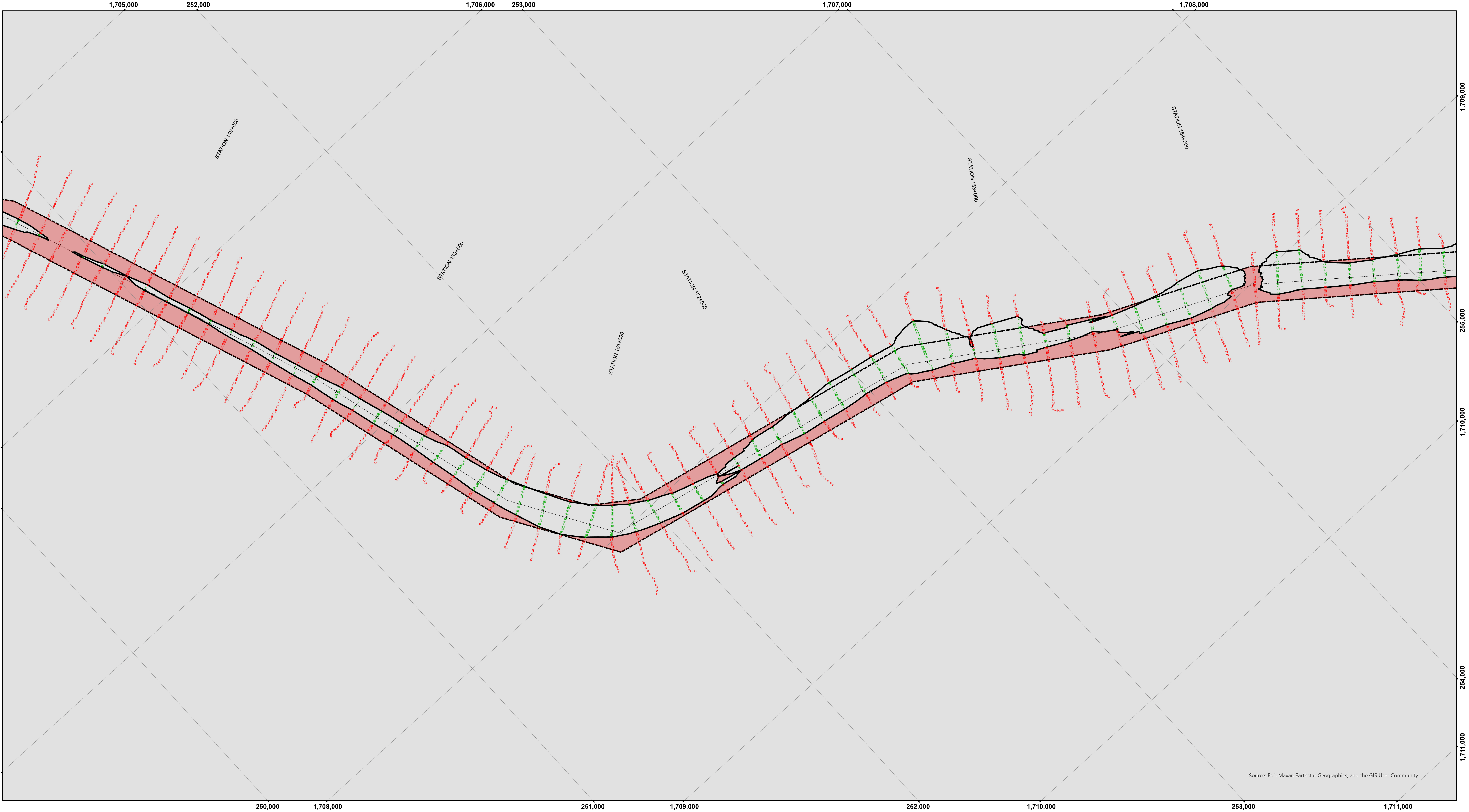
Plotted By: ___

Checked By: ___

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
03 October 2024

Sheet Reference Number
27 of 29

Revision Number:
5.23.1.24-5.23.1.24



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

US Army Corps of Engineers District: CENAB

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U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Surveyed By: ____
Plotted By: ____
Checked By: ____

Submitted: ____
Recommended: ____ Chief, Survey Team
Approved: ____ Chief, Survey/Debris Removal Section

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
03 October 2024

Sheet Reference Number
28 of 29

Revision Number:
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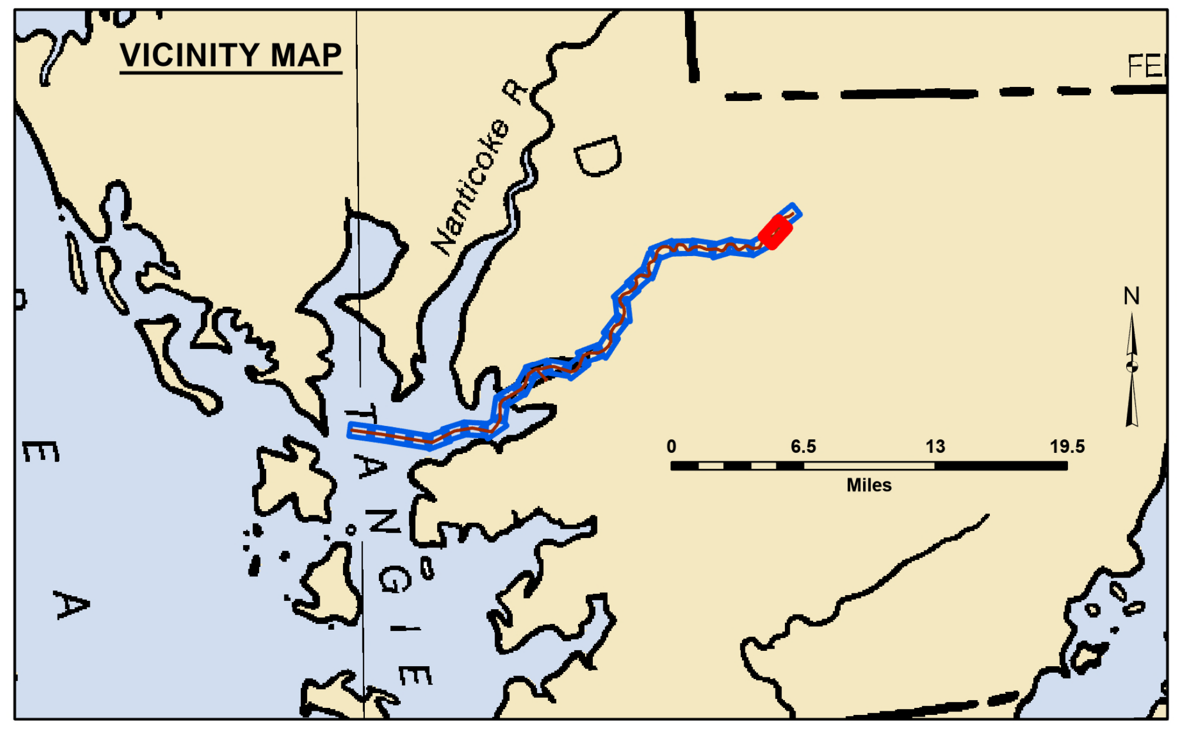

LEGEND

- - - -	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:

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 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 BUCK USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM 200KHZ ECHOSOUNDER.
7. PROJECT DEPTH: 14 FEET.
8. CHANNEL WIDTH IS 150 FEET,
9. TIDE OBSERVED AT DEAL ISLAND FOR STATIONS 0+000 TO 36+000, WEBSTERS COVE FOR STATIONS 36+100 TO 69+000, WHITE HAVEN FOR STATIONS 69+100 TO 91+000, SIMS WHARF FOR STATIONS 91+100 TO 117+268, UPPER FERRY FOR STATIONS 117+300 TO 133+640, CHERRY HILL FOR STATIONS 133+700 TO 150+000, AND SALISBURY FOR STATIONS 150+100 TO 159+485.

TIDAL BENCH MARKS

DEAL ISLAND

BENCH MARK	MLLW ELEV
MOLLY	5.62'
43-UT-01	7.86'
43-UT-02	5.91'

WEBSTERS COVE

BENCH MARK	MLLW ELEV
WEB 3	6.07'
042-WCC-01	3.99'
042-WCC-02	4.13'

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BENCH MARK	MLLW ELEV
UPPER FERRY	3.72'
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BENCH MARK	MLLW ELEV
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US Army Corps of Engineers District: CENAB

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U.S. ARMY COPRPS OF ENGINEERS
BALTIMORE DISTRICT

Submitted: ______	Surveyed By: ___
Recommended: ______ Chief, Survey Team	Plotted By: ___
Approved: ______ Chief, Survey/Debris Removal Section	Checked By: ___

WICOMICO COUNTY
Wicomico
MD_42_042_20241003_CS
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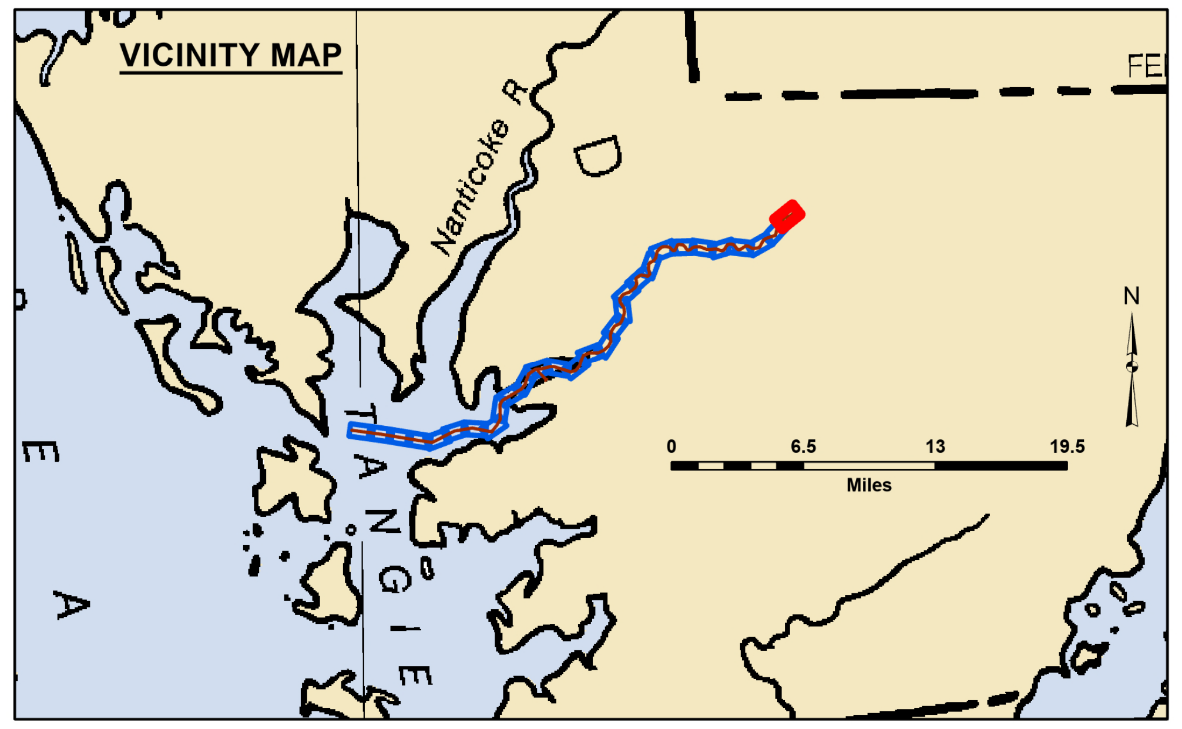

LEGEND

- ┅ 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
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Sheet Reference Number 29 of 29

Revision Number:
5.23.1.24-5.23.1.24

WICOMICO RIVER CHANNEL COORDINATES
CENTERLINE FILE: CL042A8

RIGHT SIDE

STATION	EASTING	NORTHING
0+000.00	1597631.96	200800.05
8+390.14	1605944.86	199664.17
17+187.55	1614621.29	198210.22
21+225.89	1618613.79	197603.47
27+764.09	1624431.96	200586.25
32+469.62	1629072.92	201363.06
37+625.68	1634129.87	200356.95
39+819.71	1635476.36	202089.21
41+607.09	1636376.32	203633.48
45+284.21	1636330.78	207310.32
45+816.29	1636476.55	207822.05
46+466.37	1636825.95	208370.25
46+918.40	1637150.14	208685.26
52+470.67	1641916.15	211533.57
53+933.71	1642795.92	212702.54
56+570.52	1643675.06	215188.47
57+187.64	1644053.59	215675.86
58+730.36	1645335.48	216534.21
59+269.54	1645846.76	216705.39
60+616.85	1647191.95	216780.98
62+692.30	1649196.81	217317.67
63+591.75	1650095.97	217340.39
63+961.86	1650462.52	217289.15
68+399.39	1654697.85	215964.88
69+818.08	1656053.91	216381.73
71+485.35	1657070.40	217703.30
72+878.05	1657440.74	219045.85
74+372.95	1658055.20	220408.64
75+963.15	1659521.65	221023.63
78+314.01	1661872.18	221063.67
80+174.16	1663537.57	221892.30
81+547.19	1664529.06	222842.11
82+820.02	1665143.79	223956.66
84+652.44	1665059.46	225787.14
86+083.40	1665537.23	227135.98
87+230.68	1666187.47	228081.19
88+633.15	1667472.59	228642.80
89+646.25	1668066.31	229463.70
91+495.35	1668650.71	231218.02
92+219.07	1668713.26	231939.03
93+195.23	1668559.26	232902.97
94+996.77	1667573.11	234410.63
95+562.57	1667506.66	234972.51
95+880.48	1667586.85	235280.15
96+822.24	1668139.92	236042.39
97+175.83	1668408.97	236271.83
97+707.92	1668883.57	236512.37
98+684.10	1669818.87	236791.95
99+566.62	1670540.08	237300.57
100+767.95	1671469.27	238062.02
101+851.08	1671930.65	239041.97
10+3161.45	1671699.84	240331.84
103+342.55	1671763.58	240501.35
104+272.89	1672490.31	241082.22
104+669.29	1672855.50	241236.39
105+010.70	1673194.72	241275.02
106+584.52	1674745.11	241004.51
107+413.90	1675318.70	241603.56
108+720.22	1675028.27	242877.19
109+193.21	1674991.04	243348.71
109+961.34	1675042.17	244115.14
110+491.61	1675315.67	244569.43
111+602.57	1676329.44	245023.87
112+599.97	1676871.87	245860.88
114+013.77	1677174.90	247241.81
114+372.10	1677325.24	247567.09
114+631.52	1677482.20	247773.62
115+017.19	1677741.02	248059.57
115+343.86	1677980.17	248282.09
115+720.71	1678287.37	248500.36
115+857.95	1678408.71	248564.48
116+228.19	1678759.85	248681.84
116+369.20	1678899.09	248704.17
116+983.89	1679513.75	248697.81
117+453.99	1679977.17	248618.89
117+732.24	1680240.68	248529.51
118+185.10	1680625.27	248290.41
119+065.02	1681247.48	247668.22
119+573.51	1681754.94	247700.51
119+939.44	1681980.07	247988.99
121+210.24	1682509.61	249144.20
121+629.96	1682911.38	249265.63
122+528.03	1683800.54	249139.42
123+019.71	1684205.55	248860.64
124+078.27	1684830.77	248006.45
124+390.17	1685063.89	247799.24
124+673.98	1685347.52	247788.81
125+041.06	1685701.03	247887.67
126+060.16	1686521.21	248492.54
126+530.27	1686968.79	248636.33
127+626.12	1688064.55	248650.05
128+089.51	1688520.91	248569.59
129+703.04	1690030.12	247998.85
130+403.54	1690729.76	247964.01
1320+28.99	1692350.03	248093.52
132+480.49	1692796.10	248023.70
133+421.82	1693667.11	247666.70
133+847.55	1694090.45	247621.68
134+206.44	1694426.27	247748.30
134+728.01	1694804.96	248106.94
135+542.06	1695191.73	248823.24
136+061.66	1695532.14	249215.80
136+480.78	1695928.34	249352.51
136+893.08	1696340.45	249365.00
137+305.23	1696749.84	249317.39
137+743.37	1697130.66	249100.73
139+022.73	1697946.63	248115.36
139+576.92	1698448.27	247879.81
140+023.61	1698874.49	248013.48
141+514.37	1700134.70	248809.87
141+849.78	1700459.31	248894.30
141+962.55	1700571.91	248888.14
142+319.20	1700914.80	248789.99
143+544.39	1701988.28	248199.45
145+296.62	1703724.60	248434.94
145+876.84	1704076.08	248896.59
146+765.91	1704479.46	249688.88
147+609.31	1704910.21	250414.00
148+176.90	1705353.98	250767.86
149+601.61	1706691.53	251258.55
150+555.21	1707611.78	251508.52
1510+80.20	1708059.35	251782.93
152+487.24	1708354.15	253158.74
153+314.99	1708806.65	253851.86
153+959.63	1709073.25	254438.78
154+865.08	1709633.76	255149.90
155+736.95	1710043.83	255919.30
1560+73.10	1710284.03	256154.48
156+650.28	1710798.60	256415.90
15+7307.15	1711442.53	256545.68
157+948.93	1711979.85	256896.63
158+585.44	1712494.31	257271.43
158+750.59	1712535.33	257431.40
159+222.59	1712624.68	257894.86
159+336.12	1712679.49	257994.29
160+484.12	1712896.80	259121.53
161+203.97	1713237.97	259755.41
161+228.97	1713221.17	259773.92

CENTERLINE

STATION	EASTING	NORTHING
0+000.00	1597642.12	200874.36
8+391.27	1605956.13	199738.33
17+189.25	1614633.12	198284.28
21+202.80	1618601.12	197681.26
27+728.43	1624408.10	200658.30
32+459.33	1629074.09	201439.30
37+582.81	1634099.08	200439.54
39+725.53	1635414.08	202131.29
41+487.15	1636301.07	203653.31
45+443.51	1636252.07	207609.37
46+643.59	1636897.07	208621.39
52+431.17	1641865.06	211590.41
53+867.98	1642729.06	212738.42
56+843.24	1643721.04	215543.45
59+035.96	1645543.02	216763.44
60+675.54	1647180.02	216855.43
62+752.16	1649186.01	217392.42
63+860.52	1650294.01	217420.42
68+474.80	1654698.04	216043.40
69+846.33	1656009.03	216446.40
71+475.04	1657002.01	217737.39
72+858.85	1657369.98	219071.39
74+389.09	1657998.96	220466.38
76+023.24	1659505.95	221098.38
78+371.58	1661853.95	221138.37
80+203.35	1663493.93	221954.36
81+553.51	1664468.91	222888.35
82+793.74	1665067.89	223974.35
84+619.67	1664983.86	225798.35
86+075.19	1665469.84	227170.34
87+253.76	1666137.82	228141.34
88+657.19	1667423.81	228703.33
89+638.32	1667998.79	229498.33
91+467.05	1668576.76	231233.32
92+172.69	1668637.74	231936.32
93+123.60	1668487.73	232875.32
94+926.74	1667500.70	234384.32
95+710.16	1667408.69	235162.32
97+051.91	1668196.67	236248.31
97+790.71	1668855.66	236582.31
98+761.36	1669785.65	236860.30
99+628.92	1670494.64	237360.30
100+810.60	1671408.63	238109.29
101+852.89	1671852.61	239052.29
103+289.35	1671599.59	240466.29
104+380.06	1672451.58	241147.28
104+986.83	1673010.58	241383.28
106+720.66	1674718.60	241085.26
107+469.65	1675236.60	241626.26
108+985.59	1674899.57	243104.26
110+021.89	1674968.55	244138.26
110+593.83	1675263.54	244628.26
111+706.15	1676278.54	245083.25
112+667.79	1676801.53	245890.25
114+267.98	1677144.51	247453.24
114+927.38	1677543.50	247978.24
115+654.05	1678075.50	248473.23
116+191.29	1678550.50	248724.23
116+538.67	1678893.50	248779.23
117+409.73	1679764.51	248770.23
118+187.98	1680501.52	248520.22
119+284.02	1681276.54	247745.22
119+724.91	1681716.55	247773.21
120+048.37	1681915.54	248028.21
121+344.23	1682455.53	249206.21
121+814.33	1682905.53	249342.21
122+746.60	1683828.54	249211.20
123+268.64	1684258.55	248915.20
124+331.92	1684886.57	248057.20
124+608.88	1685093.58	247873.20
124+854.05	1685338.58	247864.19
125+195.67	1685667.58	247956.19
126+213.30	1686486.58	248560.19
126+706.96	1686956.58	248711.18
128+064.08	1688313.59	248728.18
129+915.83	1690045.62	248073.17
130+599.68	1690728.63	248039.16
132+469.64	1692592.64	248188.15
133+650.91	1693685.66	247740.15
134+048.14	1694080.67	247698.14
134+374.10	1694385.67	247813.14
134+868.55	1694744.66	248153.14
135+678.85	1695129.66	248866.14
136+226.82	1695488.66	249280.14
136+677.47	1695914.66	249427.13
137+106.67	1696343.66	249440.13
137+539.58	1696773.67	249390.13
138+006.70	1697179.67	249159.13
139+283.00	1697993.70	248176.12
139+791.19	1698453.70	247960.12
140+198.88	1698842.71	248082.12
141+879.84	1700263.71	248980.11
142+392.61	1700775.71	248952.11
143+793.04	1702002.73	248277.10
145+489.45	1703683.75	248505.09
146+031.85	1704012.31	248936.64
146+916.60	1704413.74	249725.09
147+776.15	1704852.73	250464.09
148+369.61	1705316.73	250834.09
149+809.73	1706668.74	251330.08
150+755.82	1707581.74	251578.08
151+237.92	1707992.74	251830.07
152+626.75	1708283.73	253188.08
153+462.72	1708740.72	253888.08
154+110.73	1709008.72	254478.08
155+018.59	1709570.72	255191.08
156+083.76	1710071.71	256131.08
156+812.29	1710721.71	256460.07
157+521.66	1711413.72	256616.07
158+147.70	1711945.72	256946.07
158+850.33	1712503.72	257373.07
161+850.33	1713071.61	260318.83

LEFT SIDE

STATION	EASTING	NORTHING
0+000.00	1597652.27	200948.68
8+392.41	1605967.41	199812.49
17+190.95	1614644.96	198358.34
20+903.93	1618315.79	197800.49
20+903.93	1618315.79	197800.49
21+428.83	1618833.87	197884.87
27+666.09	1624384.24	200730.35
32+422.36	1629075.25	201515.54
37+209.58	1633770.44	200581.40
37+726.35	1634254.66	200761.91
39+514.07	1635351.79	202173.38
40+970.69	1636085.22	203431.88
41+508.94	1636222.36	203952.37
45+187.67	1636176.80	207630.82
46+427.87	1636843.36	208676.66
52+218.51	1641813.97	211647.25
53+629.09	1642662.20	212774.31
56+617.70	1643658.63	215591.92
58+855.81	1645518.34	216837.17
60+508.17	1647168.09	216929.88
62+585.97	1649175.22	217467.17
63+715.65	1650304.54	217495.71
68+319.10	1654698.22	216121.92
69+643.49	1655964.15	216511.06
71+233.62	1656933.61	217771.48
72+608.56	1657299.23	219096.93
74+174.13	1657942.72	220524.13
75+852.23	1659490.24	221173.12
78+198.04	1661835.72	221213.07
80+001.43	1663450.30	222016.42
81+328.73	1664408.77	222934.60
82+536.35	1664992.00	223992.04
84+355.80	1664908.26	225809.56
85+835.88	1665402.44	227204.70
87+045.75	1666088.16	228201.49
88+450.13	1667375.02	228763.86
89+399.29	1667931.27	229532.95
91+207.66	1668502.80	231248.62
91+895.21	1668562.23	231933.61
92+820.87	1668416.19	232847.67
94+625.61	1667428.29	234358.01
95+455.98	1667330.76	235182.63
96+845.16	1668146.60	236307.02
97+608.80	1668827.74	236652.25
98+386.17	1669572.55	236874.88
98+756.76	1669905.87	237036.86
99+421.61	1670449.20	237420.03
100+350.58	1671167.72	238008.85
100+805.24	1671447.26	238367.42
101+573.63	1671774.58	239062.61
102+877.44	1671544.91	240346.03
103+141.04	1671637.70	240592.77
103+141.04	1671637.70	240592.77
104+133.38	1672412.85	241212.34
104+772.59	1673001.74	241460.95
106+323.48	1674529.54	241194.38
106+610.26	1674802.74	241281.59
106+909.26	1675009.53	241497.56
107+278.38	1675107.89	241853.33
108+555.30	1674824.00	243098.30
109+620.75	1674894.92	244161.38
110+234.37	1675211.41	244687.08
111+079.69	1675982.78	245032.86
111+555.70	1676351.56	245333.83
112+017.35	1676602.63	245721.24
112+482.53	1676781.86	246150.51
113+849.25	1677074.79	247485.46
114+531.63	1677487.69	248028.75
115+274.68	1678031.68	248534.91
115+834.22	1678526.40	248796.33
116+200.35	1678887.91	248854.29
117+089.75	1679777.26	248845.10
117+897.48	1680542.18	248585.63
118+977.11	1681305.61	247822.22
119+350.41	1681678.15	247845.92
119+631.40	1681851.02	248067.44
120+952.32	1682401.45	249268.22
121+472.81	1682899.68	249418.79
122+439.26	1683856.54	249282.98
122+991.66	1684311.56	248969.76
124+059.67	1684942.37	248107.94
124+301.69	1685123.26	247947.15
124+508.22	1685329.64	247939.57
124+824.39	1685634.14	248024.72
125+840.54	1686451.95	248627.84
126+357.75	1686944.37	248786.04
127+740.34	1688326.85	248803.35
129+594.49	1690061.12	248147.49
130+261.69	1690727.50	248114.31
132+144.69	1692604.52	248264.34
133+333.18	1693704.22	247813.60
133+701.91	1694070.88	247774.61
133+810.05	1694172.06	247812.76
134+172.54	1694479.30	248005.12
134+454.99	1694684.37	248199.34
135+261.54	1695067.59	248909.04
135+837.88	1695445.17	249344.47
136+320.06	1695900.98	249501.75
136+766.16	1696346.87	249515.26
137+219.81	1696797.49	249462.86
137+715.92	1697228.69	249217.53
138+989.16	1698040.76	248236.88
139+280.57	1698304.54	248113.02
139+598.85	1698622.09	248091.53
139+796.74	1698810.92	248150.75
141+491.86	1700243.88	249056.31
142+045.68	1700796.88	249026.06
143+263.21	1701863.64	248439.21
143+596.03	1702190.84	248378.30
144+892.43	1703475.48	248552.53
145+204.60	1703745.23	248709.65
145+297.00	1703801.20	248783.17
145+781.51	1704058.90	249193.46
146+418.71	1704348.01	249761.29
147+294.41	1704795.25	250514.18
147+913.75	1705279.48	250900.31
149+369.27	1706645.95	251401.61
150+307.84	1707551.71	251647.63
150+629.19	1707825.66	251815.61
150+845.86	1707950.83	251992.46
152+098.62	1708213.31	253217.41
152+942.81	1708674.80	253924.29
153+594.20	1708944.19	254517.37
154+504.46	1709507.67	255232.25
155+586.66	1710016.68	256187.28
156+280.19	1710635.46	256500.48
156+286.81	1710641.37	256503.47
157+110.45	1711445.26	256682.71
157+672.59	1711922.97	256979.03
158+073.27	1712241.16	257222.52
158+273.53	1712387.25	257359.50
158+428.31	1712500.98	257464.50
158+874.31	1712585.40	257902.44
158+985.17	1712581.30	258013.22
160+395.17	1712848.21	259397.73
160+596.17	1712905.70	259590.32
160+747.50	1712914.46	259741.40