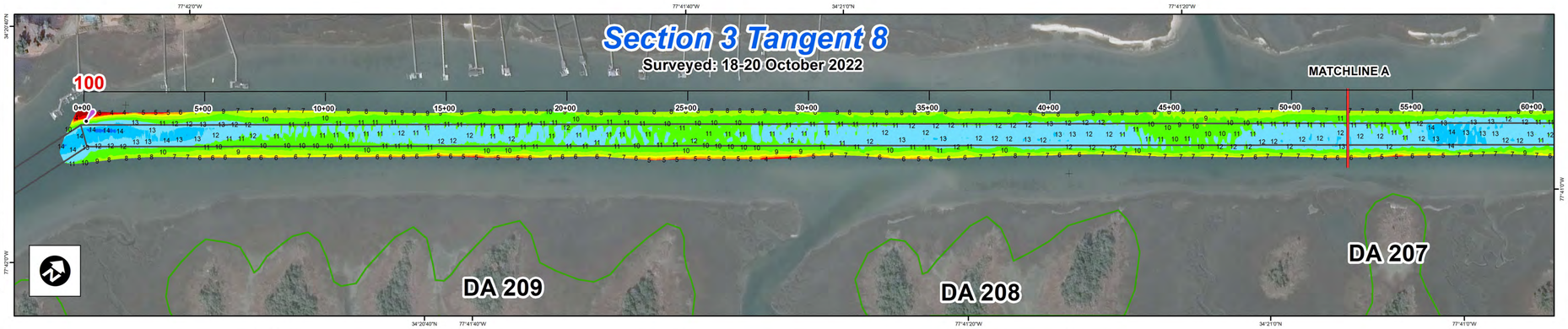
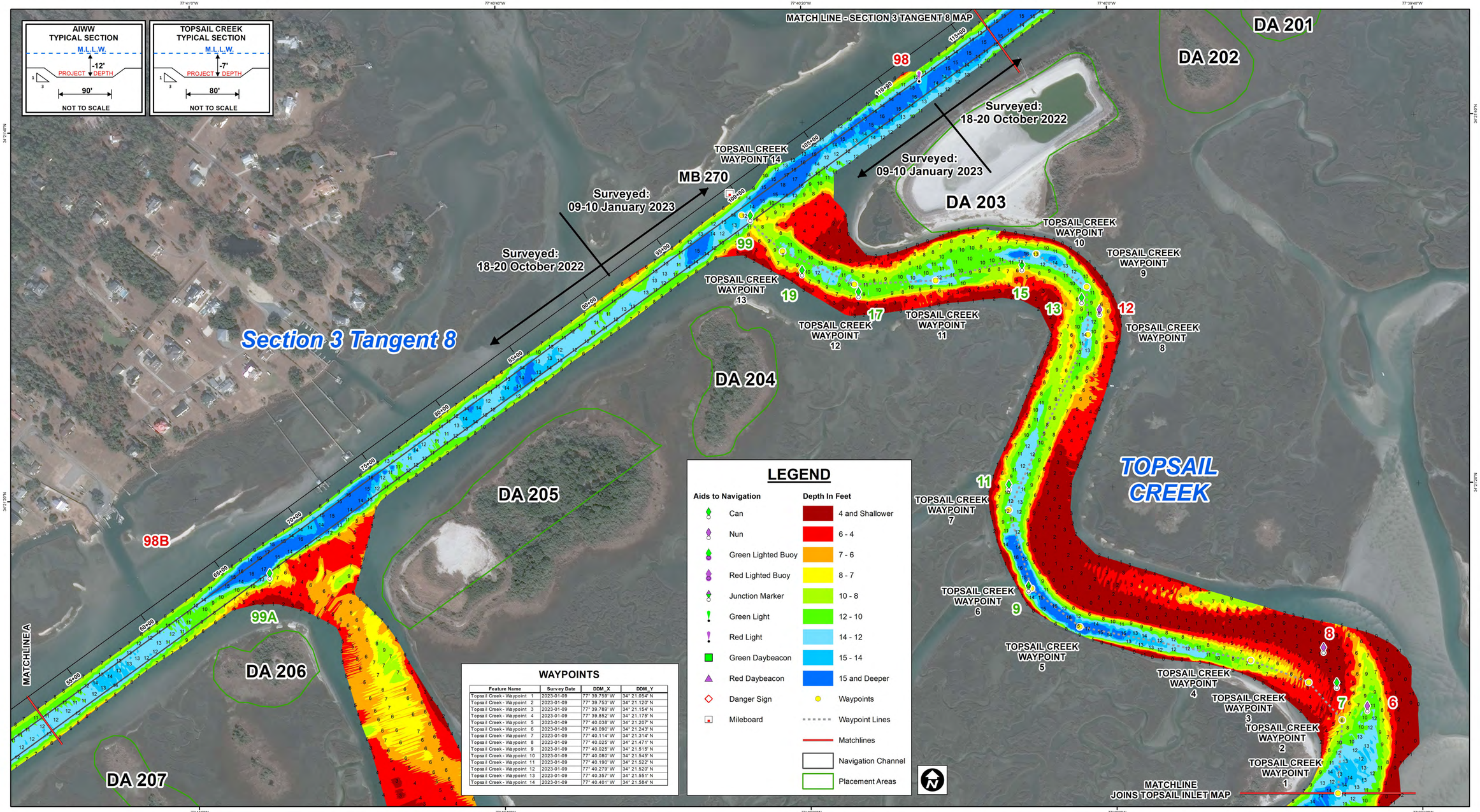
NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: DAYBEACON 69
   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UN-AVAILABLE AT THE TIME OF SURVEY.
5. THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS AND SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER1110-1-8152.
6. THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE. REQUIRED BY 33 CFR 209.325
7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.
8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

1:3,000 — 0 100 200 400 600 800 1,000 Feet

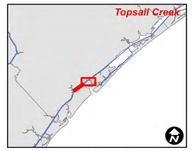




WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Topsail Creek - Waypoint 1	2023-01-09	77° 39.759' W	34° 21.054' N
Topsail Creek - Waypoint 2	2023-01-09	77° 39.753' W	34° 21.120' N
Topsail Creek - Waypoint 3	2023-01-09	77° 39.789' W	34° 21.154' N
Topsail Creek - Waypoint 4	2023-01-09	77° 39.852' W	34° 21.175' N
Topsail Creek - Waypoint 5	2023-01-09	77° 40.038' W	34° 21.207' N
Topsail Creek - Waypoint 6	2023-01-09	77° 40.090' W	34° 21.243' N
Topsail Creek - Waypoint 7	2023-01-09	77° 40.114' W	34° 21.314' N
Topsail Creek - Waypoint 8	2023-01-09	77° 40.025' W	34° 21.471' N
Topsail Creek - Waypoint 9	2023-01-09	77° 40.025' W	34° 21.515' N
Topsail Creek - Waypoint 10	2023-01-09	77° 40.080' W	34° 21.545' N
Topsail Creek - Waypoint 11	2023-01-09	77° 40.190' W	34° 21.522' N
Topsail Creek - Waypoint 12	2023-01-09	77° 40.279' W	34° 21.520' N
Topsail Creek - Waypoint 13	2023-01-09	77° 40.357' W	34° 21.551' N
Topsail Creek - Waypoint 14	2023-01-09	77° 40.401' W	34° 21.584' N

US Army Corps of Engineers
Wilmington District



SURVEY DATE: 18-20 OCTOBER 2022 & 09-10 JANUARY 2023
MAP DATE: 18 JANUARY 2023
SURVEYED BY: TDM, DJD, LMT
MAPPED BY: K7OPNLAC
PROCESSED BY: K7OPNLAC
MAP SCALE: 1:3,000
IMAGERY DATE: 12 FEBRUARY 2022
MAP FILE NAME: IN_05_TCC_20230109_CS

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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Topsail Creek And Crossing

TOPSAIL ISLAND, NORTH CAROLINA