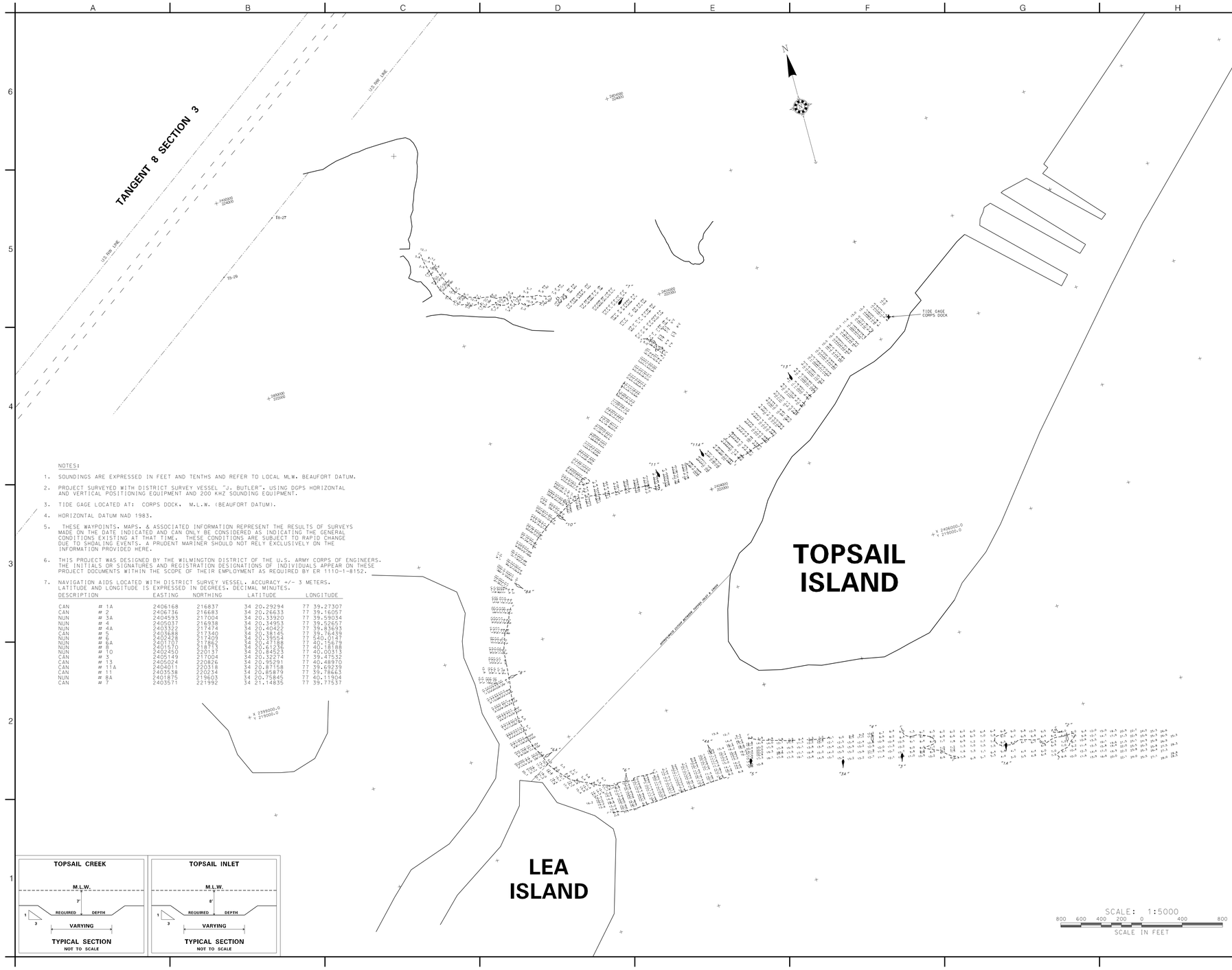


NOTES:

1. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL MLW. BEAUFORT DATUM.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "J. BUTLER", USING DGPS HORIZONTAL AND VERTICAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. TIDE GAGE LOCATED AT: CORPS DOCK. M.L.W. (BEAUFORT DATUM).
4. HORIZONTAL DATUM NAD 1983.
5. THESE WAYPOINTS, MAPS, & ASSOCIATED INFORMATION REPRESENT THE RESULTS OF SURVEYS MADE ON THE DATE 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.
6. THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.
7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS. LATITUDE AND LONGITUDE IS EXPRESSED IN DEGREES. DECIMAL MINUTES.

| DESCRIPTION | | EASTING | NORTHING | LATITUDE | LONGITUDE |
|---|---|---|---|---|---|
| CAN | # 1A | 2406168 | 216837 | 34 20.29294 | 77 39.27307 |
| CAN | # 2 | 2406736 | 216683 | 34 20.26633 | 77 39.16057 |
| NUN | # 3A | 2404593 | 217004 | 34 20.33920 | 77 39.59034 |
| NUN | # 4 | 2405037 | 216938 | 34 20.34953 | 77 39.52657 |
| NUN | # 4A | 2403322 | 217474 | 34 20.40422 | 77 39.83693 |
| CAN | # 5 | 2403688 | 217340 | 34 20.38145 | 77 39.76439 |
| NUN | # 6 | 2402428 | 217409 | 34 20.39554 | 77 540.0147 |
| NUN | # 6A | 2401707 | 217862 | 34 20.47188 | 77 40.15679 |
| NUN | # 8 | 2401570 | 218713 | 34 20.61236 | 77 40.18188 |
| NUN | # 10 | 2402450 | 220137 | 34 20.84523 | 77 40.00513 |
| CAN | # 3 | 2405149 | 217004 | 34 20.32274 | 77 39.47532 |
| CAN | # 13 | 2406024 | 220826 | 34 20.95291 | 77 40.48970 |
| CAN | # 11A | 2404011 | 220518 | 34 20.87158 | 77 39.69239 |
| CAN | # 11 | 2403538 | 220234 | 34 20.85879 | 77 39.78663 |
| NUN | # 8A | 2401875 | 219603 | 34 20.75845 | 77 40.11904 |
| CAN | # 7 | 2403571 | 221992 | 34 21.14835 | 77 39.77537 |

**TOPSAIL CREEK**




**TYPICAL SECTION**
NOT TO SCALE

**TOPSAIL INLET**




**TYPICAL SECTION**
NOT TO SCALE

US ARMY CORPS
OF ENGINEERS
WILMINGTON DISTRICT

CONTROLLING DEPTH BAR = 6.0'
CONTROLLING DEPTH AREA = 4.0'

| SYMBOL | DESCRIPTION | DATE APPROVED | SYMBOL | DESCRIPTION | DATE APPROVED |
|---|---|---|---|---|---|
| | | | | | |

SURVEYED BY: E.H.M.
DRAWN BY: E.H.M.
CHECKED BY: E.H.M.
REVIEWED BY: E.H.M.
DATE: 17 APR 2008

APPROVED BY:
CHIEF, NAVIGATION BRANCH

SURVEY DATES:
TI 105-08-4
10, 11 APRIL 2008

FILE NAME: TOP_0411.DGN
PLOT SCALE: 1:5000

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

CONDITION SURVEY

ATLANTIC INTRACOASTAL WATERWAY
BETWEEN
NORFOLK, VA. AND THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)

# TOPSAIL INLET & CREEK

PLATE NUMBER

SHEET __ OF __

.../04_11_Condition/top_0411.dgn 4/16/2008 1:52:23 PM