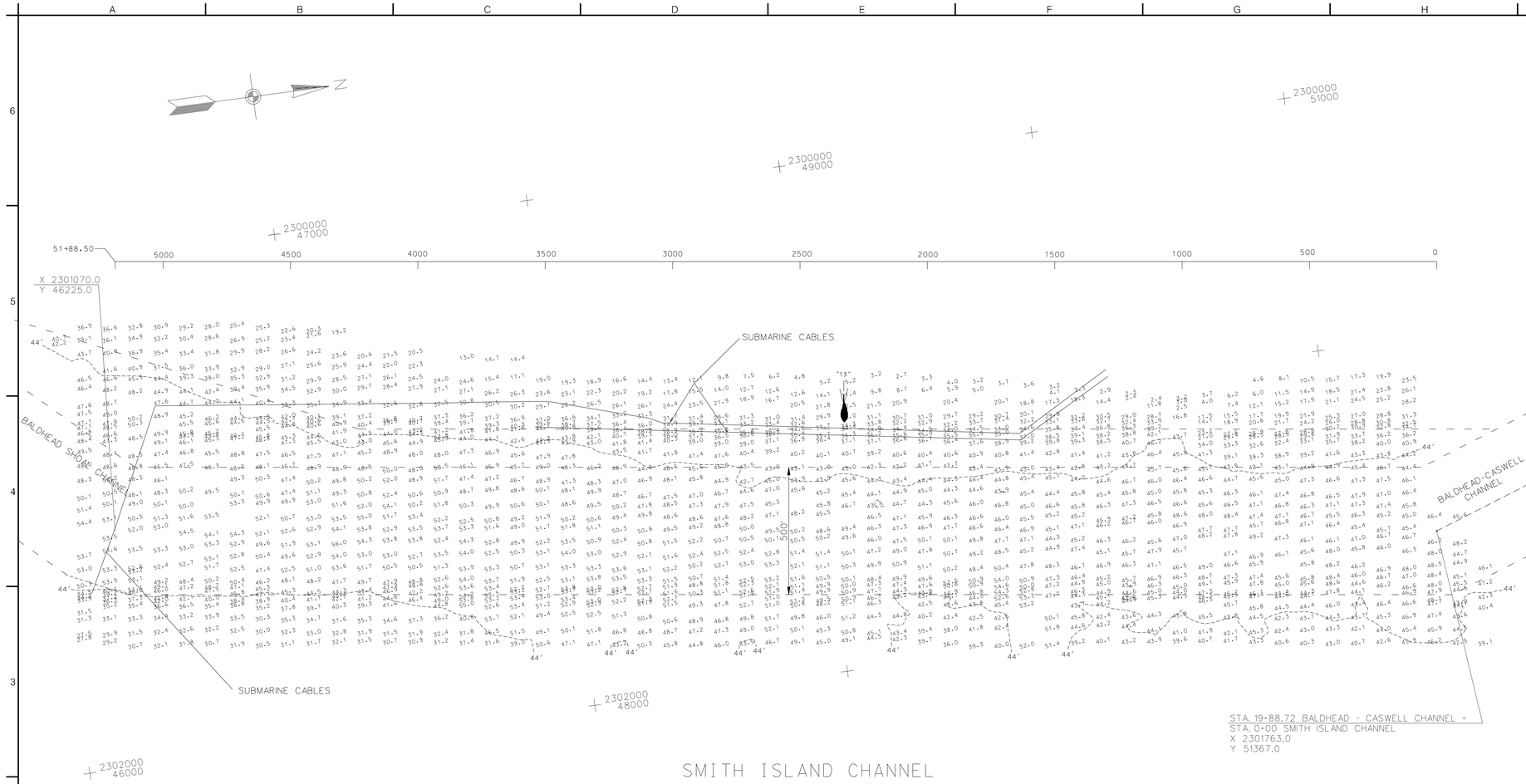
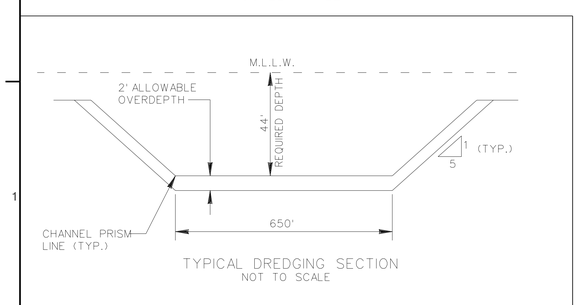


SCALE: 1" = 200'

500 400 300 200 100 0 500

SCALE IN FEET



TYPICAL DREDGING SECTION
NOT TO SCALE

NOTES:

HORIZONTAL DATUM NAD 1983.

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW).

PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL " GILLETTE " USING RTK DGPS FOR HORIZONTAL AND VERTICAL POSITIONING EQUIPMENT AND 28 KHZ SOUNDING EQUIPMENT.

GPS REFERENCE TIDE GAGE LOCATED AT: PREACHERS DOCK.
USE OF TIDES VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK GPS TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THAT TIME.

THE INITIALS PR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE THIS MAP WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULT OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

NAVIGATION AIDS LOCATED BY SURVEY VESSEL. ACCURACY +/- 3 METERS.

LT. BUOY 13 2301017 49069 LAT. 33.88069 LONG. 78.00839

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	DATE	APPROVED	DATE	APPROVED

APPROVED BY: CHIEF NAVIGATION BRANCH
WM. 105-03-95
19 JUNE 2003
SURVEYED BY: I.A.S.
DRAWN BY: M.C.
CHECKED BY:
REVIEWED BY:
DATE: 20 JUNE 2003
FILE NAME: SMITHCSLGN
PLOT SCALE: 1" = 200'

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

CONDITION SURVEY

WILMINGTON HARBOR, NC

SMITH ISLAND CHANNEL

PLATE NUMBER

SHEET OF

PLOTTED DIMENSIONS 35.30" X 24.00"

.../3009SAJE/WILHBR/smi170cs.dgn 06/20/2003 07:50:41 AM