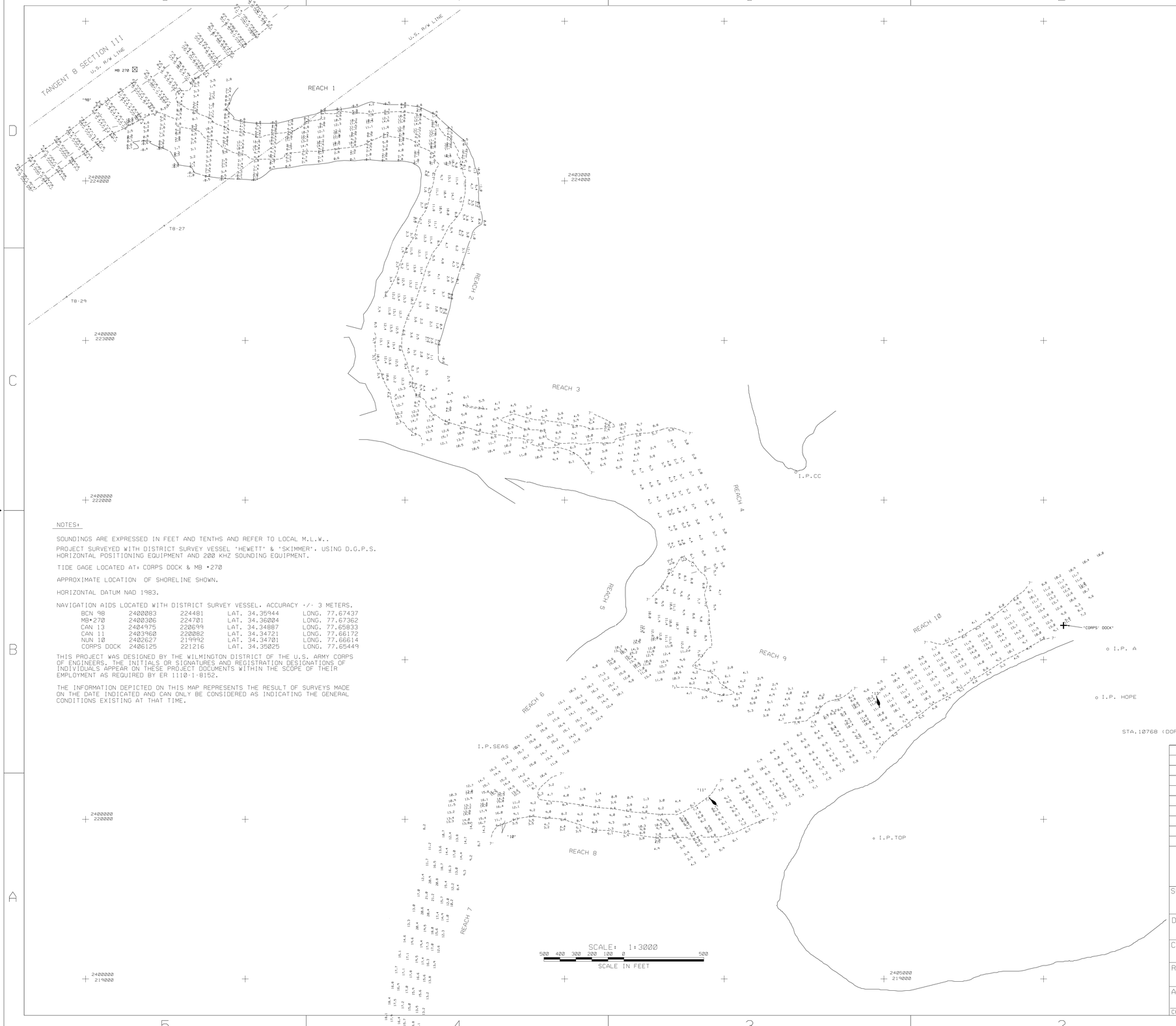
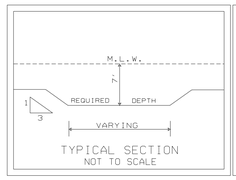
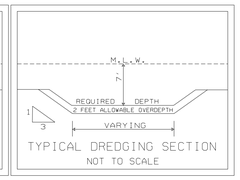




TYPICAL SECTION
NOT TO SCALE



TYPICAL DREDGING SECTION
NOT TO SCALE

NOTES:

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W..

PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL 'HEWETT' & 'SKIMMER', USING D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.

TIDE GAGE LOCATED AT: CORPS DOCK & MB #270

APPROXIMATE LOCATION OF SHORELINE SHOWN.

HORIZONTAL DATUM NAD 1983.

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

BCN 98	2400083	224481	LAT. 34.35944	LONG. 77.67437
MB#270	2400306	224701	LAT. 34.36004	LONG. 77.67362
CAN 13	2404975	220699	LAT. 34.34887	LONG. 77.65833
CAN 11	2403960	220082	LAT. 34.34721	LONG. 77.66172
NUN 10	2402627	219992	LAT. 34.34701	LONG. 77.66614
CORPS DOCK	2406125	221216	LAT. 34.35025	LONG. 77.65449

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.

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.

CONDITION SURVEY

SYMBOL	DESCRIPTIONS	DATE	APPROVED

REVISIONS

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

SURVEYED BY: WWW,MAS
DRAWN BY: EVH
CHECKED BY:
REVIEWED BY:
APPROVED BY:
CHIEF, NAVIGATION BRANCH

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

US ARMY CORPS OF ENGINEERS

TOPSAIL INLET AND CONNECTING CHANNELS

SCALE: 1:3000
DATE: 30 JUNE 2001
MAP FILE NO. TI 105-01-6
PLATE NUMBER:
SURVEYED: 13.27 JUNE 2001
SHEET OF

INLETS/TOPSAIL/2001/TCRK179.CO - .DGN

.../topsail/2001/tcrk179.dgn Aug. 01, 2001 14:59:17