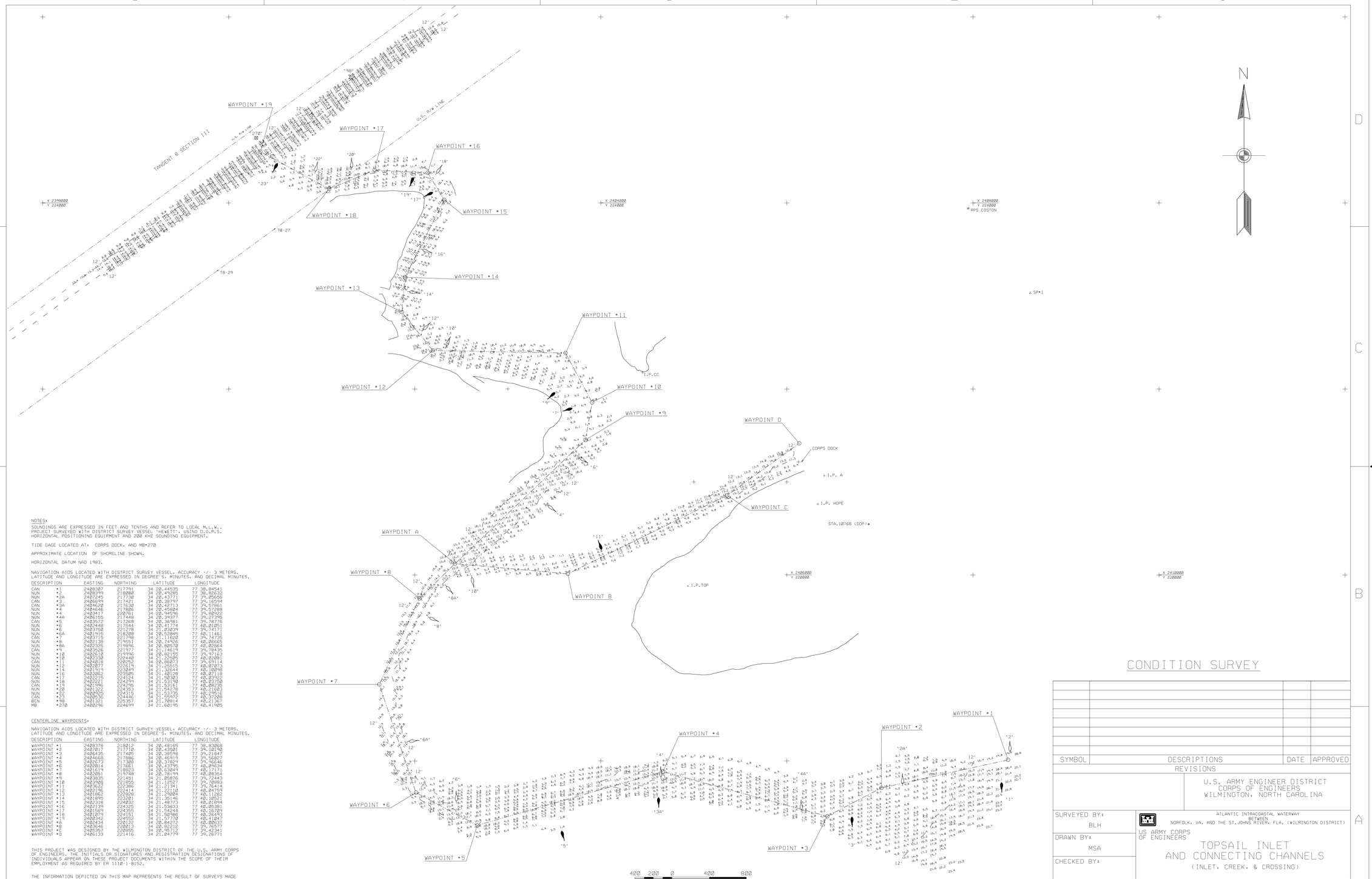

NOTES:

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W.. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL 'HEWETT', USING D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.

TIDE GAGE LOCATED AT: CORPS DOCK. AND MB•270

APPROXIMATE LOCATION OF SHORELINE SHOWN.

HORIZONTAL DATUM NAD 1983.

NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY -/- 3 METERS. LATITUDE AND LONGITUDE ARE EXPRESSED IN DEGREE'S. MINUTES. AND DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
CAN	•1	2408307	217791	34 20.44535	77 38.84541
NUN	•2	2408349	218080	34 20.43295	77 38.82532
NUN	•2A	2407245	217730	34 20.42741	77 39.05656
CAN	•3	2406699	217421	34 20.38741	77 39.16594
NUN	•3A	2406248	217608	34 20.40717	77 39.17984
CAN	•4	2404648	217540	34 20.45684	77 39.57869
NUN	•4	2403417	220761	34 20.94596	77 39.80902
NUN	•4A	2406155	217448	34 20.39377	77 39.27395
CAN	•5	2403572	217268	34 20.38981	77 39.78776
NUN	•6	2402448	217544	34 20.41774	77 40.01051
NUN	•6	2403750	221278	34 21.03039	77 39.74171
NUN	•6A	2401915	218208	34 20.52845	77 40.11461
CAN	•7	2403716	221748	34 21.11620	77 39.74735
NUN	•8	2402130	219051	34 20.74926	77 40.06665
CAN	•8A	2402325	219896	34 20.80570	77 40.02864
CAN	•9	2403526	221977	34 21.14619	77 39.78435
NUN	•10	2402610	219996	34 20.82155	77 39.97163
NUN	•10	2402330	222440	34 21.22585	77 40.02081
CAN	•11	2404010	220252	34 20.86073	77 39.69114
NUN	•12	2402077	222619	34 21.25515	77 40.07073
NUN	•14	2401919	223049	34 21.32644	77 40.10098
NUN	•16	2402062	223925	34 21.48128	77 40.07119
CAN	•17	2402517	224144	34 21.50303	77 40.03756
CAN	•18	2402215	224154	34 21.50363	77 40.07256
CAN	•19	2401996	224295	34 21.53161	77 40.08235
NUN	•20	2401322	224353	34 21.54278	77 40.21683
NUN	•22	2400525	224319	34 21.53735	77 40.39516
CAN	•23	2400536	224446	34 21.55972	77 40.37208
BCN	•98	2401321	225357	34 21.72814	77 40.21367
MB	•270	2400296	224699	34 21.68195	77 40.41905

CENTERLINE WAYPOINTS:

NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY -/- 3 METERS. LATITUDE AND LONGITUDE ARE EXPRESSED IN DEGREE'S. MINUTES. AND DECIMAL MINUTES.

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
WAYPOINT •1	2408379	218016	34 20.49165	77 38.83868
WAYPOINT •2	2407237	217812	34 20.45681	77 39.05402
WAYPOINT •3	2406435	217485	34 20.38598	77 39.21847
WAYPOINT •4	2404668	217886	34 20.46919	77 39.56827
WAYPOINT •5	2402673	217389	34 20.37829	77 39.96646
WAYPOINT •6	2402814	217681	34 20.43795	77 40.09634
WAYPOINT •7	2401619	218923	34 20.72047	77 40.37171
WAYPOINT •8	2402051	219748	34 20.78199	77 40.08354
WAYPOINT •9	2403835	221451	34 21.08876	77 39.72443
WAYPOINT •10	2403908	221855	34 21.12527	77 39.78883
WAYPOINT •13	2403622	222386	34 21.1341	77 39.16414
WAYPOINT •13	2402196	222414	34 21.22110	77 40.04753
WAYPOINT •13	2401862	222828	34 21.29004	77 40.11282
WAYPOINT •14	2401895	223201	34 21.35146	77 40.10521
WAYPOINT •15	2402318	224832	34 21.53161	77 40.01894
WAYPOINT •16	2402139	224325	34 21.53633	77 40.05381
WAYPOINT •17	2401564	224355	34 21.54244	77 40.16729
WAYPOINT •18	2401879	224151	34 21.50986	77 40.26493
WAYPOINT •19	2408342	224552	34 21.57778	77 40.41847
WAYPOINT •A	2402434	220122	34 20.84272	77 40.00637
WAYPOINT •B	2403646	220819	34 20.86215	77 39.76577
WAYPOINT •C	2405395	220355	34 20.90.7	77 39.42341
WAYPOINT •D	2406133	221416	34 21.04774	77 39.28771

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. BECAUSE THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE.

CONDITION SURVEY

SYMBOL	DESCRIPTIONS	DATE	APPROVED
	REVISIONS		

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

SURVEYED BY: BLH

DRAWN BY: MSA

CHECKED BY:

SUBMITTED 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

(INLET, CREEK, & CROSSING)

SCALE: 1" = 400'

DATE: 29 SEP 2003

MAP FILE NO. TI 105-03-14

PLATE NUMBER:

SURVEYED: 26 SEP 2003

SHEET OF

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