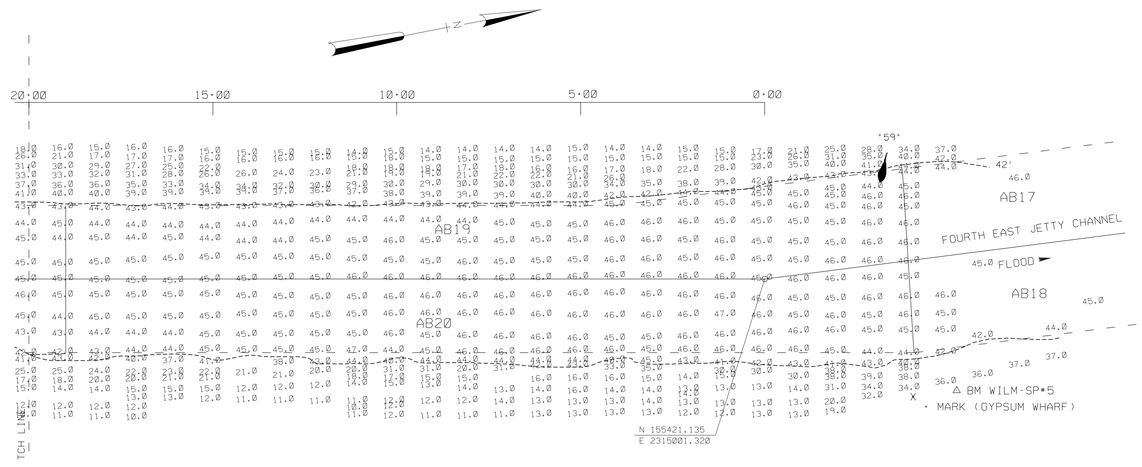
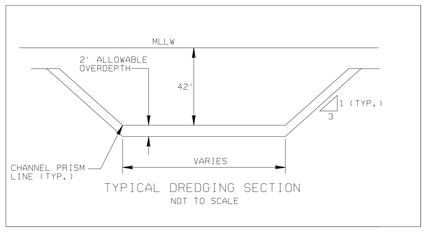
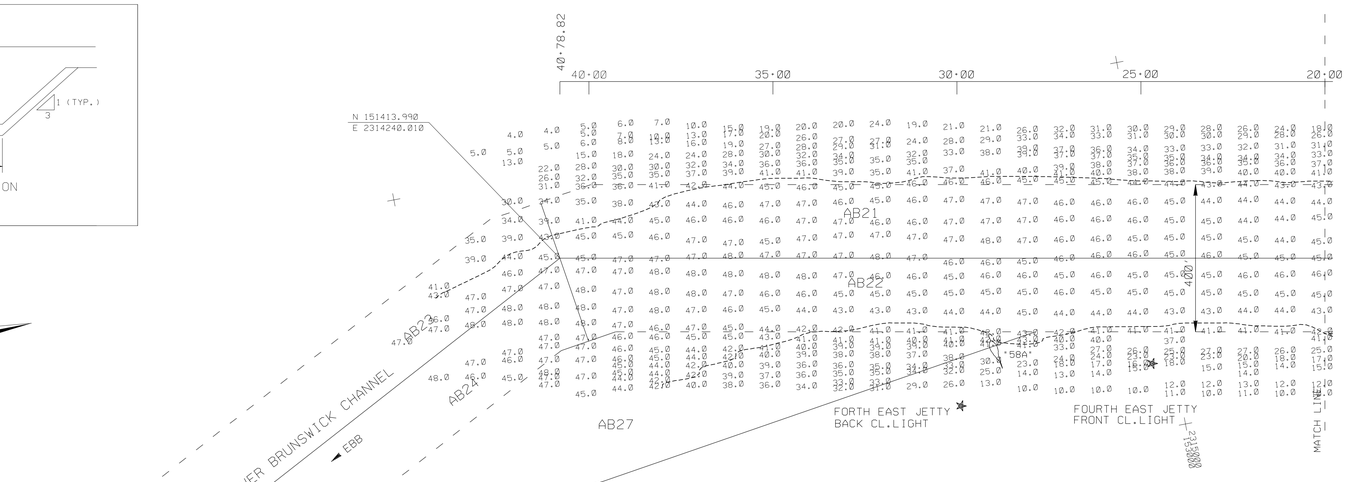




TYPICAL DREDGING SECTION
NOT TO SCALE



NOTES:

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW). PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "GILLETTE" USING RTK GPS FOR HORIZONTAL AND VERTICAL POSITIONING EQUIPMENT AND 28 KHZ SOUNDING EQUIPMENT.

HORIZONTAL DATUM NAD 1983.

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.

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

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
LT.BUOY 58A	2314653	152528	34 09.87293	77 57.59421
LT.BUOY 59	2314815	155771	34 10.40713	77 57.55536
BACK LT. (FEJ)	2314838	152410	34 09.85304	77 57.55780
FRONT LT. (FEJ)	2314822	152942	34 09.94091	77 57.55987

THE INITIALS OR 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.

THESE WAYPOINTS, MAPS, & ASSOCIATED INFORMATION REPRESENT 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.

SCALE: 1:2000
200 100 0 100 200 300
SCALE IN FEET

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE APPROVED	SYMBOL	DESCRIPTION	DATE APPROVED

SURVEYED BY: M.A.S.
DRAWN BY:
CHECKED BY:
REVIEWED BY:
DATE: 2 SEP. 2004
APPROVED BY:
CHIEF, NAVIGATION BRANCH
MAP FILE NO: WM UBR 04-105
SURVEY NO:
2 SEPTEMBER 2004
FILE NAME: UBR0902.DGN
PLOT SCALE: 1:2000

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

CONDITION SURVEY

WILMINGTON HARBOR, NC - '96 ACT
ANCHORAGE BASIN AND PASSING LANE DREDGING

UPPER BRUNSWICK CHANNEL

PLATE NUMBER

SHEET OF

WILHBR/2004/UPPER BRUNSWICK/UBR212CS.CO/.XST/.DGN

.../3009SABH/WILHBR/ubr0902.dgn 09/02/2004 03:54:12 PM