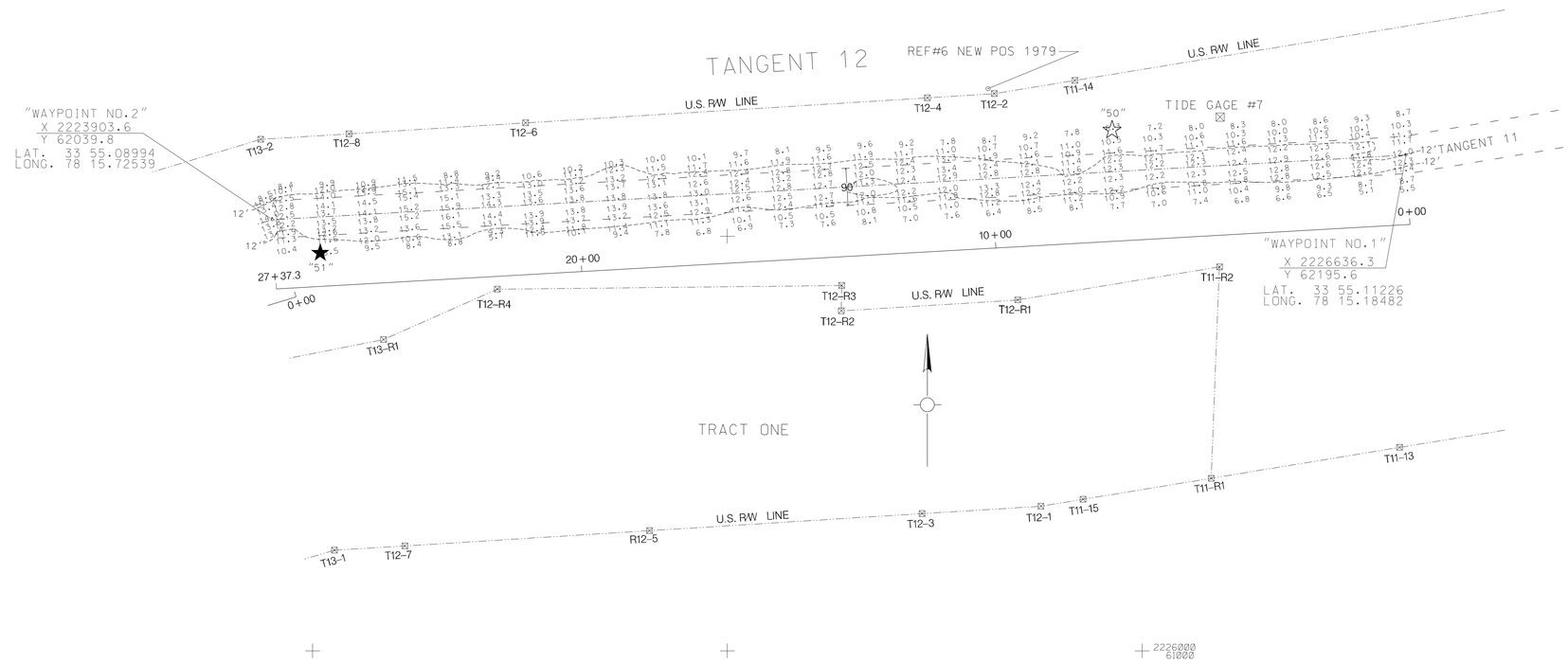
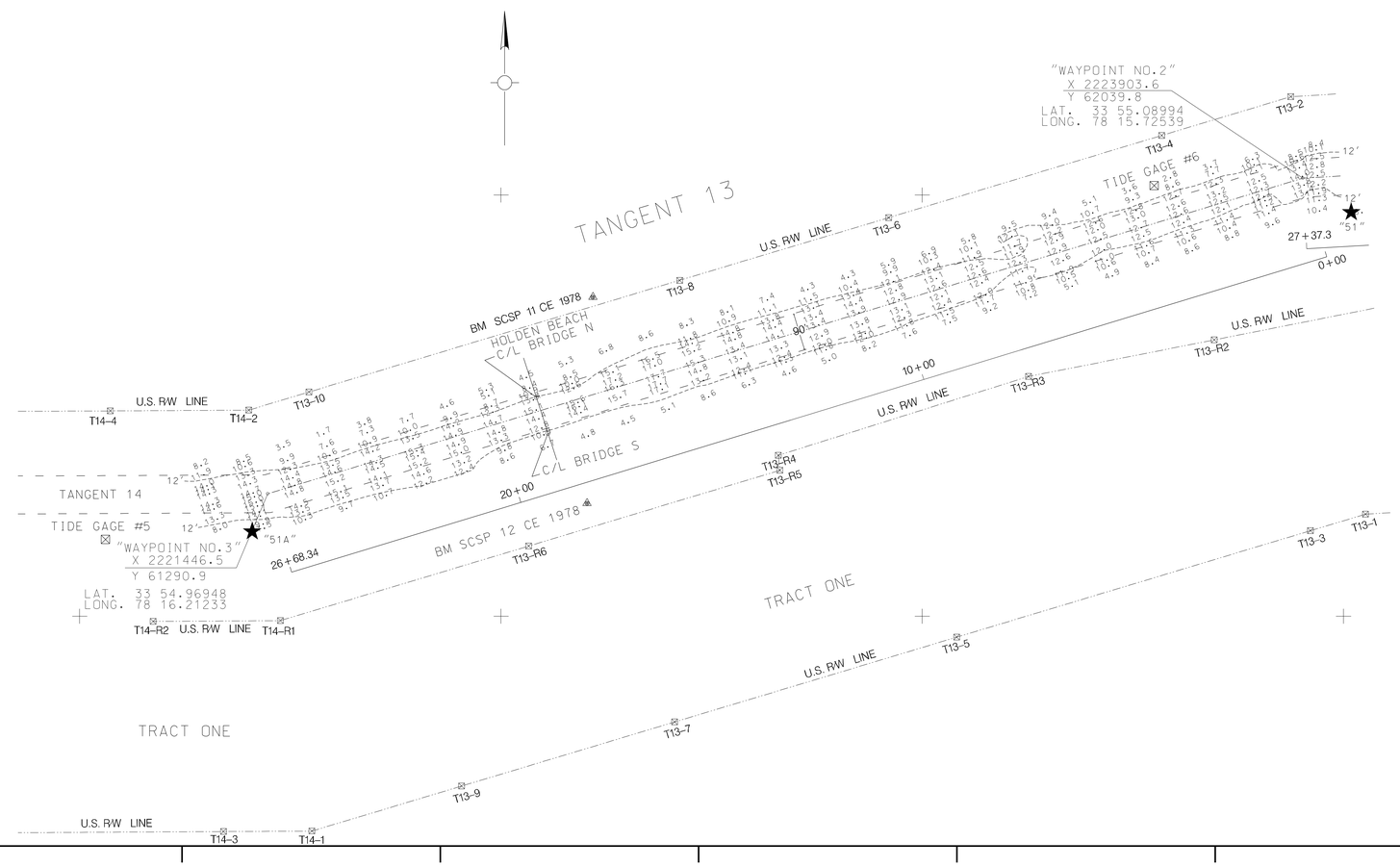
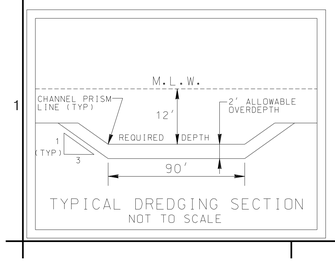


NOTES:

1. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "J.BUTLER", USING D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. TIDE GAGE LOCATED AT: D.M. #48A.
4. HORIZONTAL DATUM NAD 1983.
5. THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS AND SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER1110-1-8152.
6. 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.
7. NAVIGATION AIDS LOCATED BY SURVEY VESSEL. ACCURACY +/- 3 METERS. LATITUDE AND LONGITUDE IS EXPRESSED IN DEGREES AND DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
DBCN	#50	2225928	62256	33 55.12303	78 15.32483
DBCN	#51	2224019	61959	33 55.07648	78 15.70273
DBCN	#51A	2221410	61201	33 54.95474	78 16.21965





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
TANGENT 12	CONTROLL DEPTH 11'						
TANGENT 13	CONTROLL DEPTH 11'						

SURVEYED BY: M.A.S.
DRAWN BY: J.D.S.
CHECKED BY:
DATE: 24 JULY 2008

APPROVED BY: Chief, Navigation Branch
MAP FILE NO.
SURVEY DATE: AIWW CFR=B 105-08-17 16 JULY 2008
FILE NAME: t1213_0716.DGN
PLOT SCALE: 1:2000

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)

CAPE FEAR RIVER - LITTLE RIVER, S.C.
TANGENT 12
TANGENT 13

PLATE NUMBER

SHEET OF