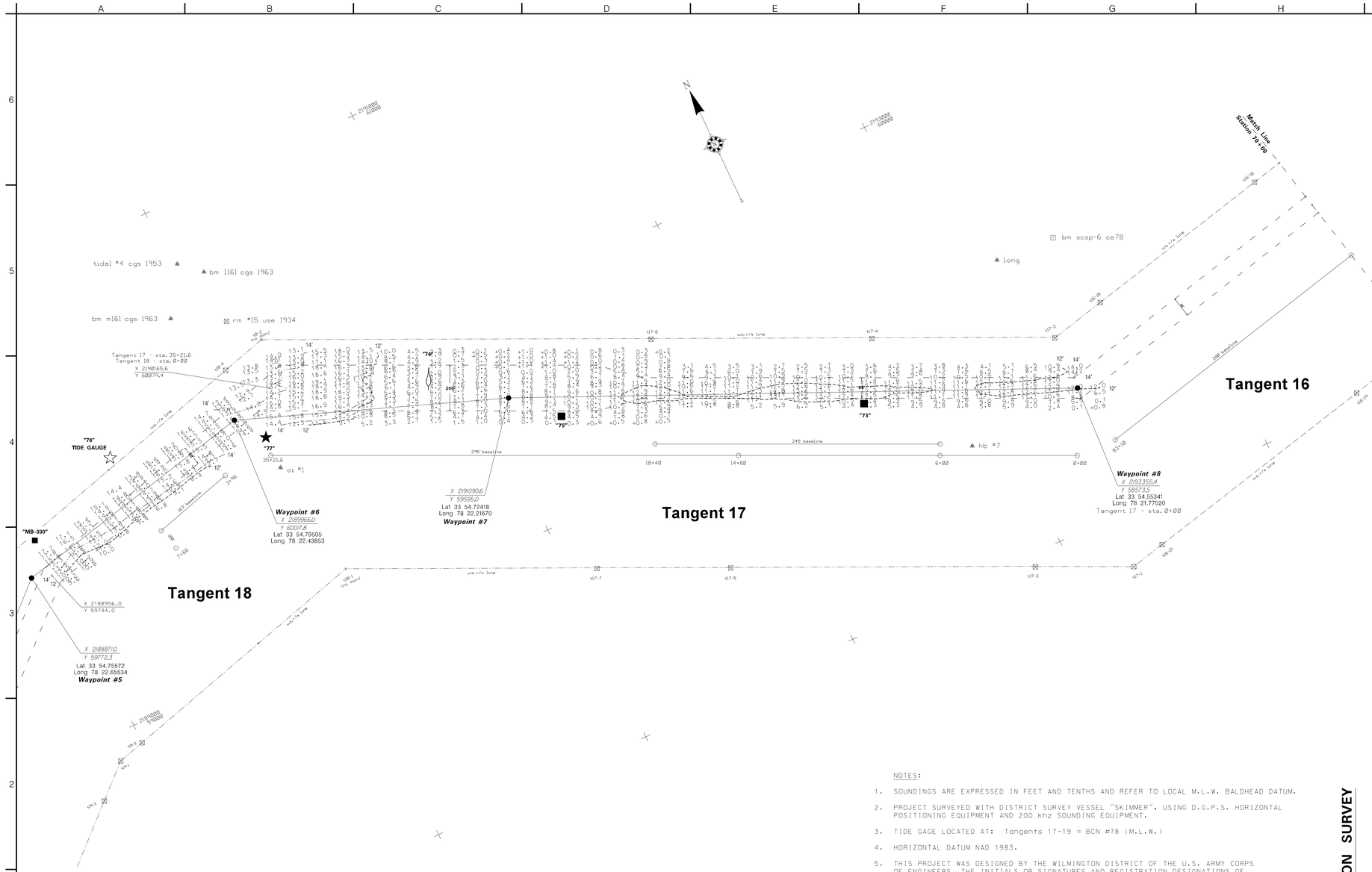

NOTES:

1. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W. BALDHEAD DATUM.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "SKIMMER", USING D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 200 khz SOUNDING EQUIPMENT.
3. TIDE GAGE LOCATED AT: Tangents 17-19 = BCN #78 (M.L.W.)
4. HORIZONTAL DATUM NAD 1983.
5. 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.
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 WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS. LATITUDE AND LONGITUDE IS EXPRESSED IN DEGREES. DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
DM	# 73	2192476	58894	33 54.60722	78 21.94367
NUN	# 74	2190788	59774	33 54.75400	78 22.27632
DM	# 75	2191258	59408	33 54.69319	78 22.18390
BCN	# 77	2190059	59891	33 54.77405	78 22.42028
BCN	# 78	2189406	60101	33 54.80937	78 22.54912
MB	# 330	2188954	59915	33 54.77913	78 22.63872

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED
	Controlling Depth (Tangent 17) = 7.6'						
	Controlling Depth (Tangent 18) = 14.0'						

SURVEYED BY: MAV, WW
DRAWN BY: MAP, FILE MGR.
CHECKED BY: MGA
SURVEY DATE: 22 & 25 July 2008
DATE: 28 July 2008
FILE NAME: ch17-18_0725cs.dgn
PLOT SCALE: 1:200 1" = 200'
APPROVED BY: [signature]
CHIEF, HYDROGRAPHIC SURVEY BRANCH

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

CONDITION SURVEY

Atlantic Intracoastal Waterway
between
Norfolk VA., and the St.John River, FL (Wilmington District)

TANGENTS 17 & 18 (Shallotte River Crossing)

PLATE NUMBER

SHEET OF

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