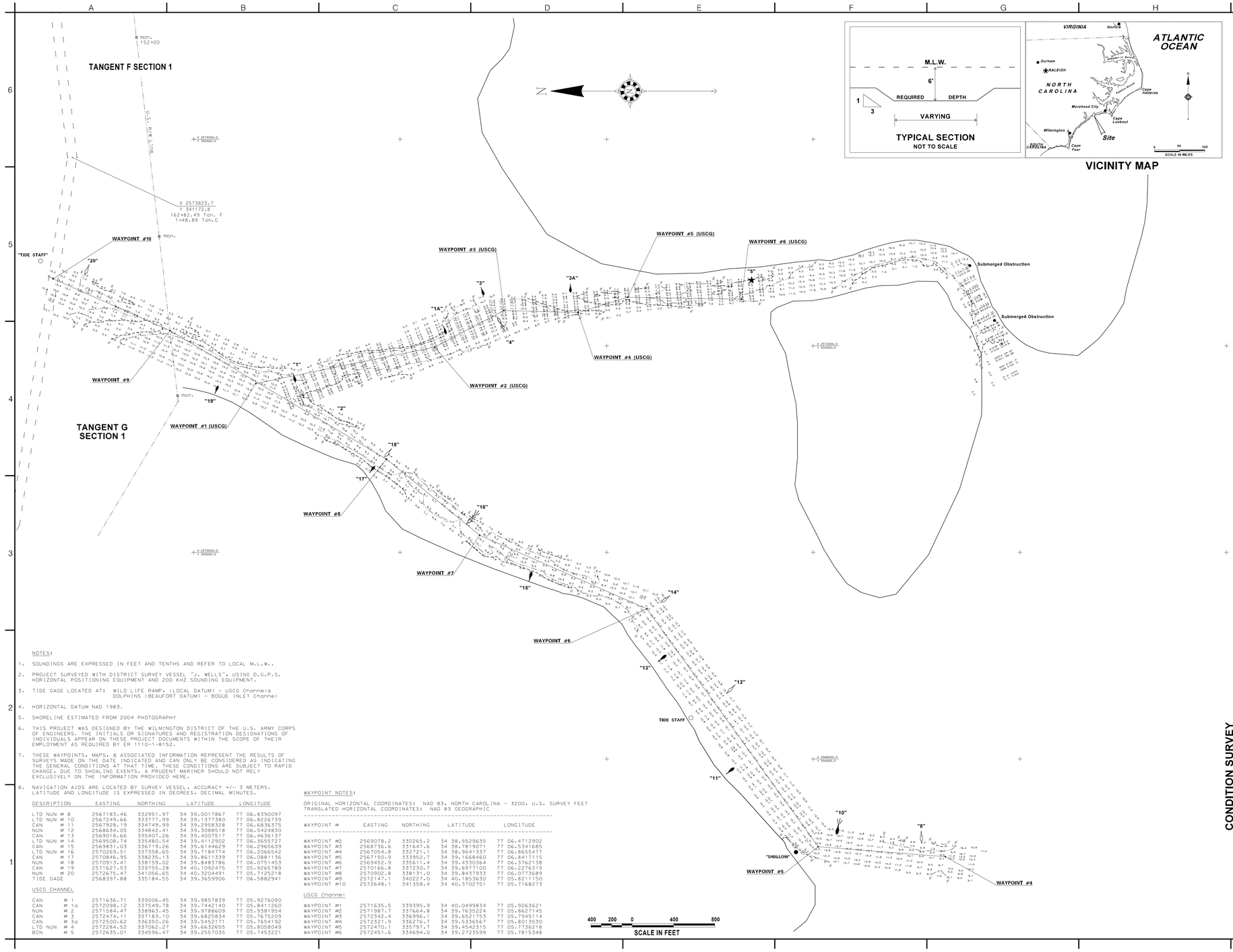


VICINITY MAP

NOTES:

1. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W..
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "J. WELLS". USING D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. TIDE GAGE LOCATED AT: WILD LIFE RAMP. (LOCAL DATUM) - USCG Channels
   DOLPHINS (BEAUFORT DATUM) - BOGUE INLET Channel
4. HORIZONTAL DATUM NAD 1983.
5. SHORELINE ESTIMATED FROM 2004 PHOTOGRAPHY
6. 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.
7. 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 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.
8. NAVIGATION AIDS ARE LOCATED BY SURVEY VESSEL. ACCURACY +/- 3 METERS. LATITUDE AND LONGITUDE IS EXPRESSED IN DEGREES, DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
LTD NUN	# 8	2567183.46	332951.97	34 39.0017867	77 06.8390097
LTD NUN	# 10	2567249.66	333777.99	34 39.1377380	77 06.8226739
CAN	# 11	2567928.19	334749.99	34 39.2958328	77 06.6836375
NUN	# 12	2568634.05	334842.41	34 39.3088518	77 06.5424830
CAN	# 13	2569018.66	335407.26	34 39.4007517	77 06.4636137
LTD NUN	# 14	2569508.74	335480.54	34 39.4112902	77 06.3655727
CAN	# 15	2569831.03	336719.26	34 39.6144629	77 06.2965639
LTD NUN	# 16	2570269.51	337358.65	34 39.7184774	77 06.2066542
CAN	# 17	2570846.95	338235.13	34 39.8611339	77 06.0881136
NUN	# 18	2570913.41	338159.02	34 39.8483786	77 06.0751453
CAN	# 19	2571627.53	339755.28	34 40.1092475	77 05.9265789
NUN	# 20	2572675.47	341056.65	34 40.3204491	77 05.7125218
TIDE GAGE		2568397.88	335184.55	34 39.3659906	77 06.5882941
USCG CHANNEL					
CAN	# 1	2571636.71	339006.45	34 39.9857839	77 05.9276090
CAN	# 1a	2572098.12	337549.78	34 39.7442140	77 05.8411260
NUN	# 2	2571584.47	338963.45	34 39.9788609	77 05.9381954
CAN	# 3	2572474.11	337183.10	34 39.6825834	77 05.7675209
CAN	# 3a	2572500.62	336350.26	34 39.5452171	77 05.7654192
LTD NUN	# 4	2572284.52	337062.27	34 39.6632655	77 05.8058049
BCN	# 5	2572635.01	334596.47	34 39.2557035	77 05.7453221

WAYPOINT NOTES:

ORIGINAL HORIZONTAL COORDINATES: NAD 83, NORTH CAROLINA - 3200, U.S. SURVEY FEET
TRANSLATED HORIZONTAL COORDINATES: NAD 83 GEOGRAPHIC

WAYPOINT #	EASTING	NORTHING	LATITUDE	LONGITUDE
WAYPOINT #2	2569078.2	330265.2	34 38.5529635	77 06.4712902
WAYPOINT #3	2568736.6	331647.6	34 38.7819071	77 06.5341685
WAYPOINT #4	2567054.8	332721.1	34 38.9641337	77 06.8655477
WAYPOINT #5	2567150.9	333952.7	34 39.1668460	77 06.8417115
WAYPOINT #6	2569452.9	335611.4	34 39.4530364	77 06.3762138
WAYPOINT #7	2570166.8	337230.7	34 39.6977100	77 06.2276539
WAYPOINT #8	2570902.8	338131.0	34 39.8437933	77 06.0773689
WAYPOINT #9	2572147.1	340227.0	34 40.1853630	77 05.8211150
WAYPOINT #10	2572648.1	341358.4	34 40.3702751	77 05.7168273
USCG Channel				
WAYPOINT #1	2571635.5	339395.9	34 40.0499834	77 05.9263621
WAYPOINT #2	2571987.7	337664.8	34 39.7635224	77 05.8627145
WAYPOINT #3	2572342.4	336996.1	34 39.6521753	77 05.7945114
WAYPOINT #4	2572321.9	336276.7	34 39.5336567	77 05.8013530
WAYPOINT #5	2572470.1	335797.7	34 39.4542315	77 05.7736218
WAYPOINT #6	2572451.6	334694.0	34 39.2723599	77 05.7815348

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED
CONTROLLING DEPTH = 6' (USCG Channel)							
CONTROLLING DEPTH = 6' (Cape Fear & Connecting Channel)							

SURVEYED BY: EP 2008
DRAWN BY: MSA
CHECKED BY:
DATE: 29 DEC 2008
APPROVED BY:
MAP FILE NO.:
SURVEY NO.: BI-105-08-10
SURVEY DATE: 15 TO DECEMBER 2008
FILE NAME: bog1219cs.dgn
PLOT SCALE: 1: 4000

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

CONDITION SURVEY

PLANS OF HYDROGRAPHIC SURVEY
NORTHEAST, VA AND THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)

CHANNELS TO BOGUE INLET & USCG CHANNELS

PLATE NUMBER

SHEET __ OF __

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