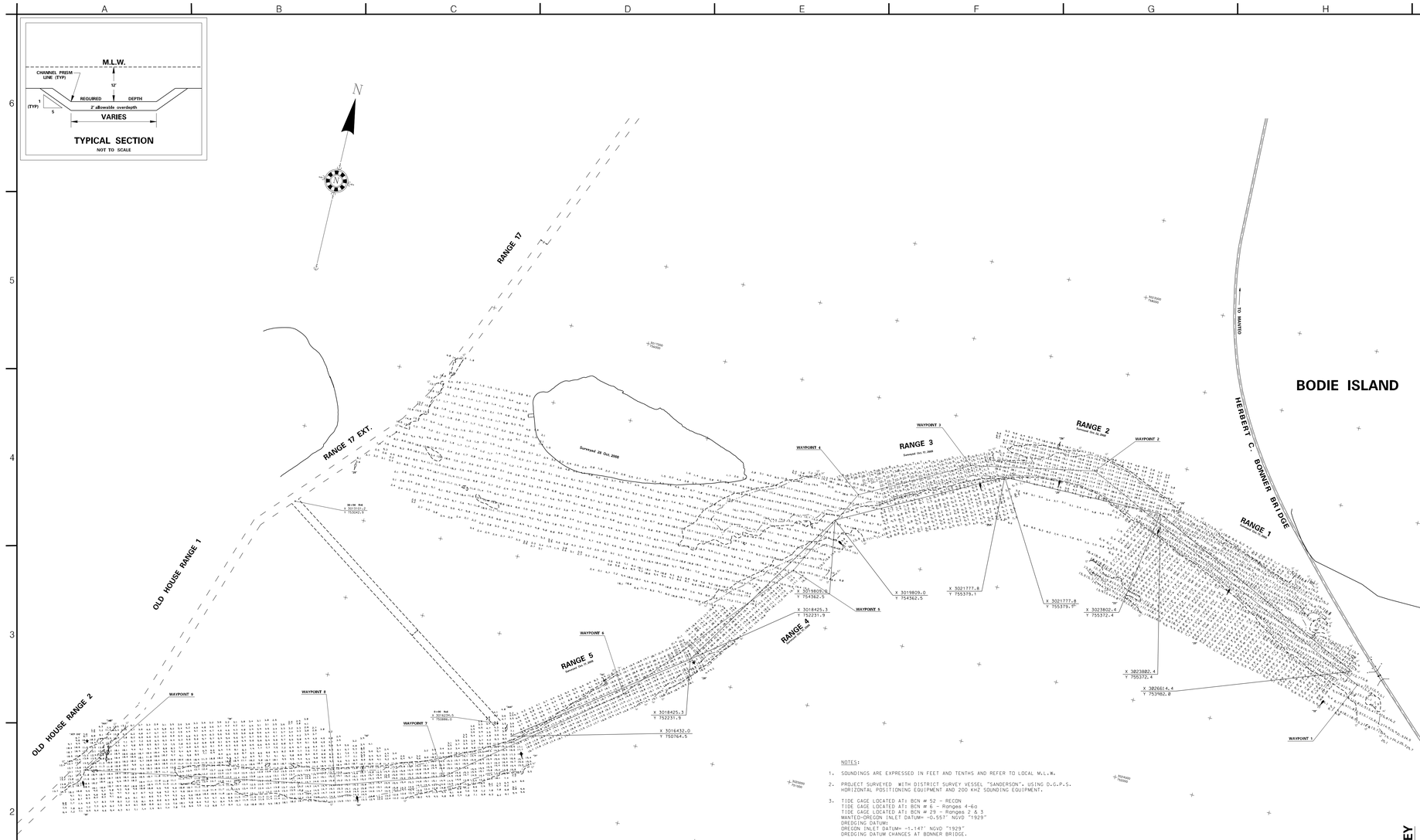

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY:
SCALE FTR
DRAWN BY:
AGF,MSA
CHECKED BY:
DATE: 30 OCT 2008
APPROVED BY:
MAP FILE NO.
MN 105-06-04
SURVEY DATE:
29 OCTOBER 2008 - TGC 1 & 2
29 OCTOBER 2008 - MSA 1 & 2
FILE NAME: m=105hs-dgn
PLOT SCALE: 1:7200

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

CONDITION SURVEY

MANTEO (BODIE ISLAND) & DARE, NORTH CAROLINA

OREGON INLET WEST OF BRIDGE RANGES 1-6

PLATE NUMBER

SHEET OF

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_*1	3026722.2	753829.4	35 46.3233011	75 32.2843101
WAYPOINT_*2	3022872.8	755715.3	35 46.0568645	75 33.8452014
WAYPOINT_*3	3021327.4	755423.4	35 46.0168198	75 33.3636686
WAYPOINT_*4	3020024.6	754743.8	35 46.0121752	75 33.6318894
WAYPOINT_*5	3019441.6	753625.1	35 46.3313489	75 33.7574942
WAYPOINT_*6	3017781.5	751613.1	35 46.8098255	75 34.1233168
WAYPOINT_*7	3015728.3	750077.1	35 45.7679932	75 34.5328837
WAYPOINT_*8	3014416.1	749659.3	35 45.7866196	75 34.8018231
WAYPOINT_*9	3012285.8	749124.7	35 45.6362944	75 35.4374431

NOTE: 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.

1 : 7200

500 250 0 500 1000

SCALE IN FEET

NOTES:

1. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "SANDERSON", USING D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. TIDE GAGE LOCATED AT: BCN # 52 - RECON
   TIDE GAGE LOCATED AT: BCN # 6 - Ranges 4-6a
   TIDE GAGE LOCATED AT: BCN # 29 - Ranges 2 & 3
   MANTEO-OREGON INLET DATUM= -0.55' NGVD "1929"
   DREDGING DATUM:
   OREGON INLET DATUM= -1.14' NGVD "1929"
   DREDGING DATUM CHANGES AT BONNER BRIDGE.
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 PRJECT 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 DECIMAL MINUTES.

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
LTD NUN # 2H	3010917.79	749022.93	35 45.6216113	75 35.5125320
CAN # 11H	3011146.87	748863.37	35 45.5940287	75 35.4673383
LTD CAN # 19	3026357.06	753557.78	35 46.2806531	75 32.3600365
NUN # 20	3026016.50	754267.07	35 46.3994566	75 32.4238798
CAN # 21	3024876.29	754662.83	35 46.4711987	75 32.6515861
CAN # 23	3023830.31	755187.81	35 46.5636811	75 32.8533412
NUN # 24	3024018.58	755423.64	35 46.6014522	75 32.8196222
CAN # 25	3022410.61	755517.29	35 46.6257472	75 33.1318992
CAN # 25A	3021486.44	755241.52	35 46.5859477	75 33.3327935
NUN # 26	3022338.29	755874.45	35 46.6853426	75 33.1561404
LTD CAN # 27	3019901.90	754122.28	35 46.4106188	75 33.6609626
NUN # 28	3019556.14	754196.40	35 46.4248030	75 33.7303392
BCN # 29	3018482.26	752201.47	35 46.1022843	75 33.9613818
NUN # 30	3017474.91	751674.60	35 46.0212276	75 34.1686880
NUN # 30A	3016385.81	750806.97	35 45.8844932	75 34.3948901
BCN # 31	3016599.91	750615.97	35 45.8518096	75 34.3529476
NUN # 32	3014706.90	749881.23	35 45.7415293	75 34.7406994
CAN # 33	3014706.50	749593.48	35 45.6941273	75 34.7427853
NUN # 34	3013047.32	749592.79	35 45.7034291	75 35.0781480
LTD NUN # 34A	3011524.22	749284.39	35 45.6612524	75 35.3881443
LTD NUN # 34B	3011528.79	749374.55	35 45.6760796	75 35.3865943
LTD CAN # 35	3011283.23	748995.15	35 45.6149667	75 35.4388622
BCN DH	3011230.42	749490.59	35 45.6968853	75 35.4460957
NUN # 42	3013743.81	753639.05	35 46.3759479	75 34.9087817