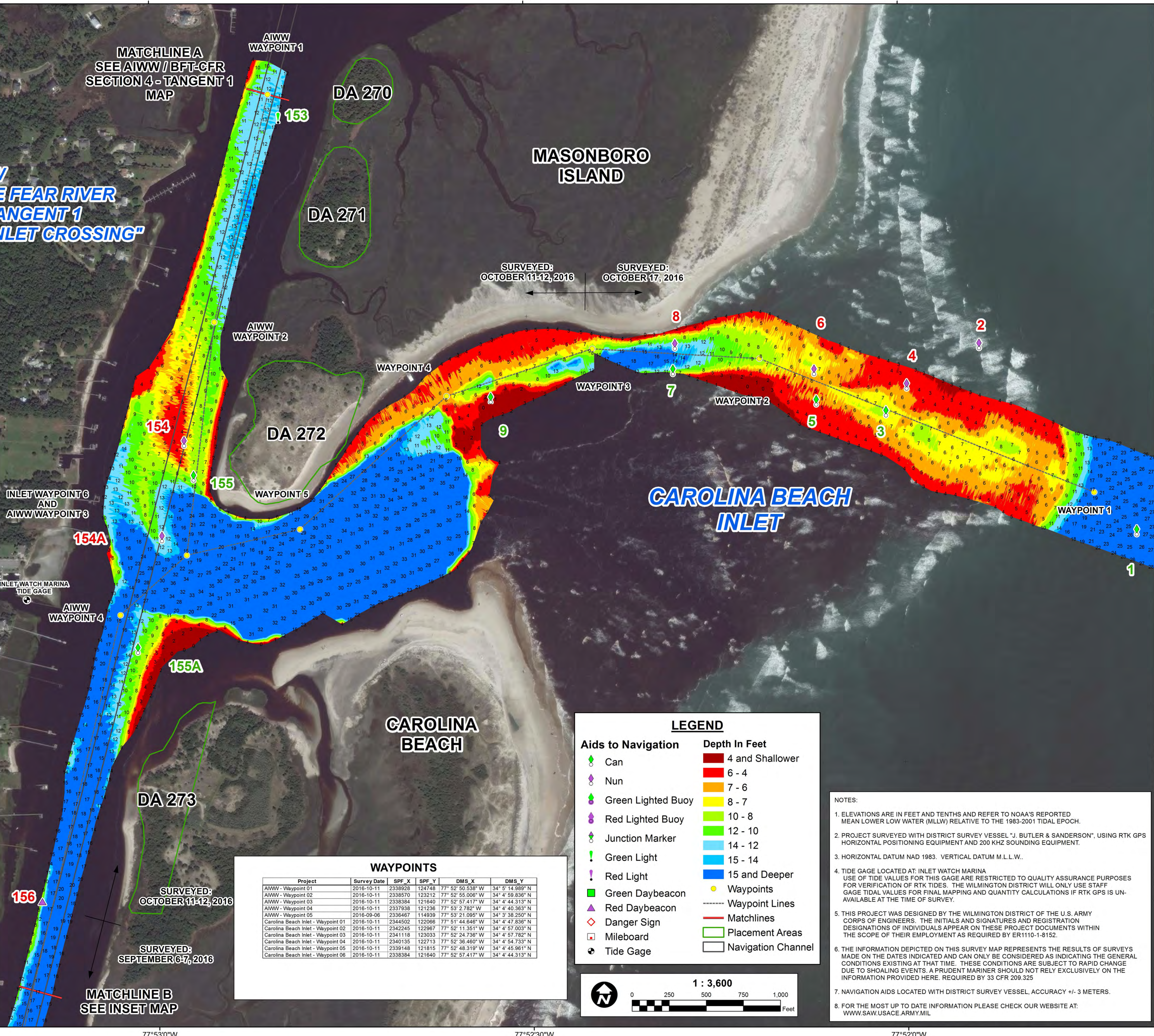


**AIWW
 BEAUFORT - CAPE FEAR RIVER
 SECTION 4 - TANGENT 1
 "CAROLINA BEACH INLET CROSSING"**

INSET MAP MATCHLINE B

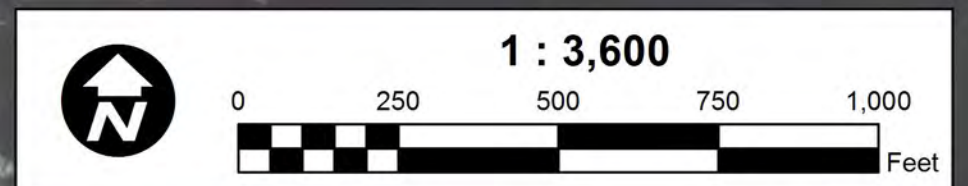


WAYPOINTS

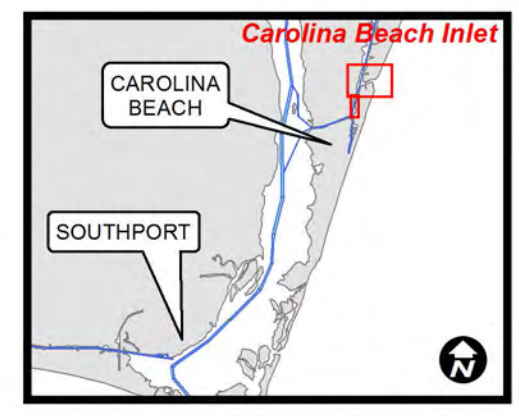
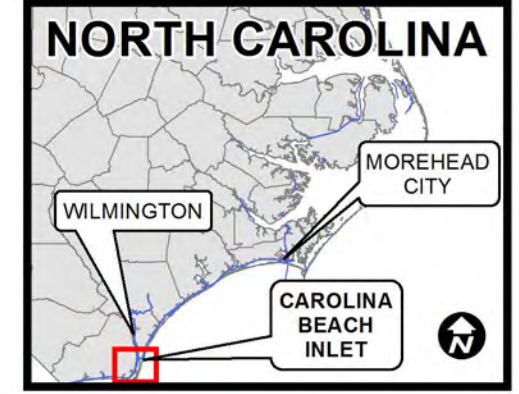
Project	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
AIWW - Waypoint 01	2016-10-11	2338928	124748	77° 52' 50.538" W	34° 5' 14.989" N
AIWW - Waypoint 02	2016-10-11	2338570	123212	77° 52' 55.006" W	34° 4' 59.836" N
AIWW - Waypoint 03	2016-10-11	2338384	121640	77° 52' 57.417" W	34° 4' 44.313" N
AIWW - Waypoint 04	2016-10-11	2337938	121236	77° 53' 2.782" W	34° 4' 40.363" N
AIWW - Waypoint 05	2016-09-08	2336467	114839	77° 53' 21.095" W	34° 3' 38.250" N
Carolina Beach Inlet - Waypoint 01	2016-10-11	2344502	122066	77° 51' 44.646" W	34° 4' 47.836" N
Carolina Beach Inlet - Waypoint 02	2016-10-11	2342245	122967	77° 52' 11.351" W	34° 4' 57.003" N
Carolina Beach Inlet - Waypoint 03	2016-10-11	2341118	123033	77° 52' 24.736" W	34° 4' 57.782" N
Carolina Beach Inlet - Waypoint 04	2016-10-11	2340135	122713	77° 52' 36.460" W	34° 4' 54.733" N
Carolina Beach Inlet - Waypoint 05	2016-10-11	2339148	121815	77° 52' 48.319" W	34° 4' 45.961" N
Carolina Beach Inlet - Waypoint 06	2016-10-11	2338384	121640	77° 52' 57.417" W	34° 4' 44.313" N

LEGEND

Can	4 and Shallower
Nun	6 - 4
Green Lighted Buoy	7 - 6
Red Lighted Buoy	8 - 7
Junction Marker	10 - 8
Green Light	12 - 10
Red Light	14 - 12
Green Daybeacon	15 and Deeper
Red Daybeacon	Waypoints
Danger Sign	Waypoint Lines
Mileboard	Matchlines
Tide Gage	Placement Areas
	Navigation Channel



- NOTES:**
- ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
 - PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "J. BUTLER & SANDERSON", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
 - HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
 - TIDE GAGE LOCATED AT: INLET WATCH MARINA. USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.
 - 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.
 - THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES 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. REQUIRED BY 33 CFR 209.325
 - NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.
 - FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL



SURVEY DATE: 6-7 SEPTEMBER, 11-12 & 17 OCTOBER 2016	SURVEYED BY: WJC, JBD, SRV
MAP DATE: 17 OCTOBER 2016	MAPPED: K7OPNDJIM
MAP SCALE: 1:3,600	PROCESSED BY: K7OPNDJIM
IMAGERY DATE: 11 OCTOBER 2016	
© 2016 DIGITALGLOBE NEXTVIEW LICENSE	MAP FILE NAME: IN_09_CBI_20161017.MXD

HYDROGRAPHIC SURVEY

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

**Carolina Beach Inlet
 & AIWW Crossing**

CAROLINA BEACH, NORTH CAROLINA