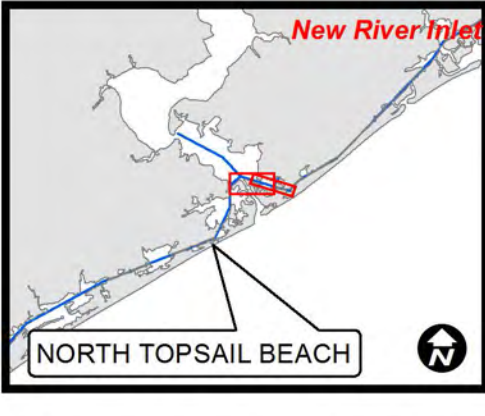


Project	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
AIWW - New River Inlet Xing - Waypoint 1	2016-09-29	2506692	293764	77° 19' 2.276" W	34° 32' 43.274" N
AIWW - New River Inlet Xing - Waypoint 2	2016-09-29	2506497	293734	77° 19' 4.612" W	34° 32' 43.015" N
AIWW - New River Inlet Xing - Waypoint 3	2016-09-29	2496211	296918	77° 21' 6.932" W	34° 33' 16.208" N
AIWW - New River Inlet Xing - Waypoint 4	2016-09-07	2496063	296742	77° 21' 8.734" W	34° 33' 14.497" N
AIWW - New River Inlet Xing - Waypoint 5	2016-09-07	2495914	296566	77° 21' 10.549" W	34° 33' 12.774" N
AIWW - New River Inlet Xing - Waypoint 6	2016-09-07	2493667	295508	77° 21' 34.138" W	34° 32' 57.666" N
Cedar Bush Cut - Waypoint 1	2016-05-17-23-27	2498824	293402	77° 20' 36.401" W	34° 32' 41.004" N
Cedar Bush Cut - Waypoint 2	2016-09-07	2496282	296500	77° 21' 6.163" W	34° 33' 12.064" N

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

NOTES:

- ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
- PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "WALT & BUTLER", 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 TIDE FILE 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



SURVEYED BY: JBD, LMT, SRV, MAS	MAP FILE NAME: IN_04_NRC_2016090729.MXD
MAPPED: K7DPFSGD	
PROCESSED: DJM	
SURVEY DATE: 17, 23, 27 MAY, & 7-9, 29 SEPTEMBER 2016	
MAP DATE: 12 OCTOBER 2016	
MAP SCALE: 1:3,600	
IMAGERY DATE: 9 SEPTEMBER 2016	
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HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 WILMINGTON, NORTH CAROLINA

**New River Inlet Crossing
 & Cedar Bush Cut**
 SNEADS FERRY, NORTH CAROLINA