

NOTES:

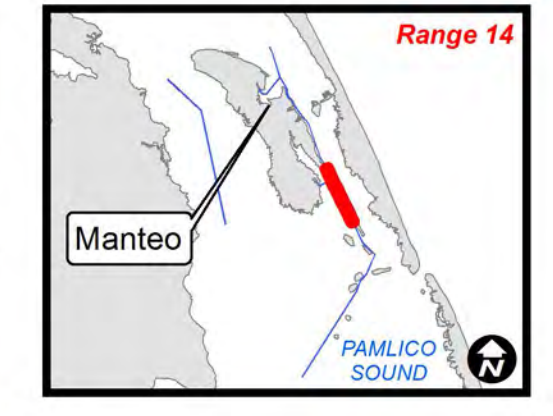
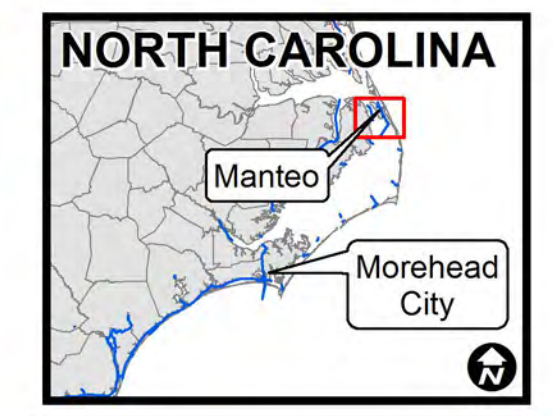
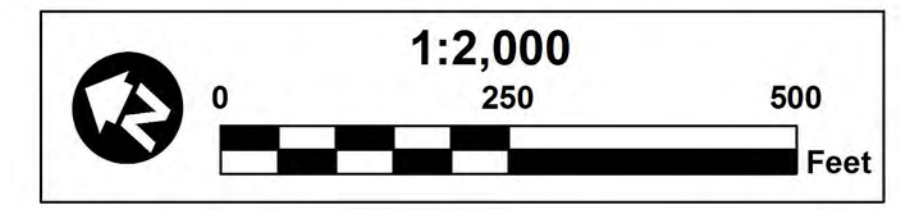
- ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
- PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "POTTER" USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
- HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W.
- TIDE GAGE LOCATED AT DAYBEACON 5. 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.SAWUSACE.ARMY.MIL

LEGEND

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

WAYPOINTS

Project	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
Manteo - Range 14 - Waypoint 1	2016-10-26	3010690	786089	75° 35' 25.568" W	35° 48' 45.830" N
Manteo - Range 14 - Waypoint 2	2016-10-26	3005033	780048	75° 36' 29.252" W	35° 50' 45.954" N
Manteo - Range 14 - Waypoint 3	2016-10-26	3004353	780640	75° 36' 37.179" W	35° 50' 54.007" N
Manteo - Range 14 - Waypoint 4	2016-10-26	3003926	781710	75° 36' 42.009" W	35° 51' 2.759" N



SURVEYED BY: BRJ, DCH	MAPPED BY: K7DPDPSGD	PROCESSED BY: K7OPNSMG	MAP FILE NAME: MIN_09_R14_20161026.MXD
SURVEY DATE: 26 OCTOBER 2016	MAP DATE: 27 OCTOBER 2016	MAP SCALE: 1:2,000	IMAGERY DATE: 17 SEPTEMBER 2016
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HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 WILMINGTON, NORTH CAROLINA
MANTEO CHANNEL
RANGE 14
 SHALLOMBAG BAY, NORTH CAROLINA