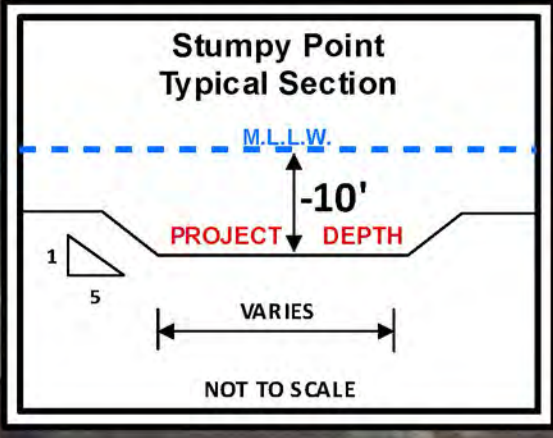


35°42'0"N 35°41'55"N 75°46'0"W 35°41'50"N 35°41'45"N 35°41'40"N 35°41'35"N 35°41'30"N 75°45'30"W



WAYPOINTS					
Project	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
Stumpy Point - Waypoint 1	2016-04-11	2968537	713762	75° 44' 15.163" W	35° 40' 2.727" N
Stumpy Point - Waypoint 2	2016-04-11	2959110	722979	75° 46' 9.359" W	35° 41' 36.983" N
Stumpy Point - Waypoint 3	2016-04-11	2958109	723784	75° 46' 21.167" W	35° 41' 45.269" N
Stumpy Point - Waypoint 4	2016-04-11	2958007	724202	75° 46' 22.243" W	35° 41' 49.434" N
Stumpy Point - Waypoint 5	2016-04-11	2958072	724395	75° 46' 21.381" W	35° 41' 51.315" N

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 "KNOWLTON", 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 LIGHT 10. 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 ERI1110-1-8152.
- 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

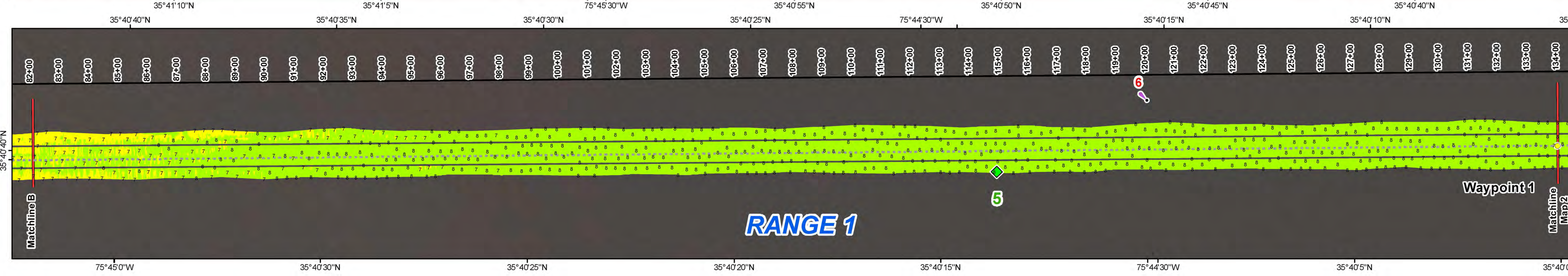
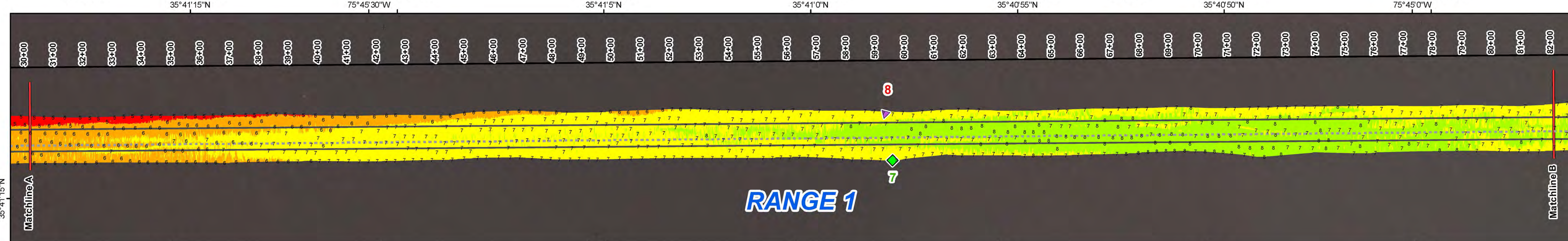
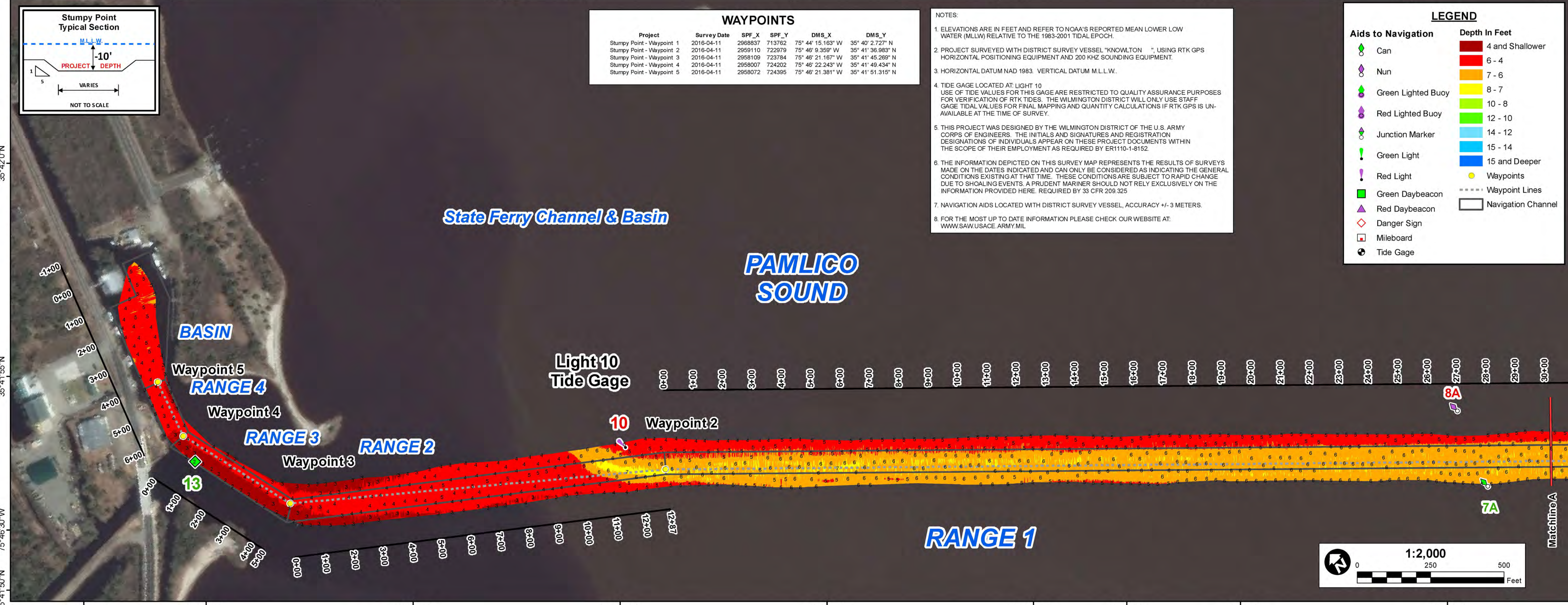
LEGEND

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

**US Army Corps of Engineers
Wilmington District**

NORTH CAROLINA

Manteo
Morehead City
Oregon Inlet
Stumpy Point



SURVEYED BY: DCH, BRJ	SURVEY DATE: 11 APRIL 2016
MAPPED: KTOPNSMG	MAP DATE: 13 APRIL 2016
	MAP SCALE: 1:2,000
	IMAGERY DATE: 06 MARCH 2016
	© 2016 DIGITALGLOBE NEXTVIEW LICENSE
MAP FILE NAME: SH_02_SP1_20160411.MXD	

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

**STUMPY POINT
ENTRANCE CHANNEL & BASIN**

Dare County, North Carolina