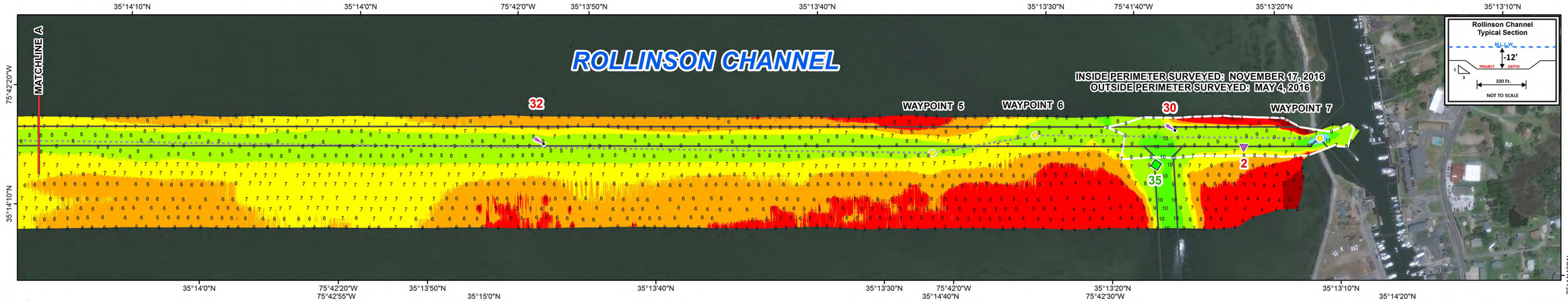
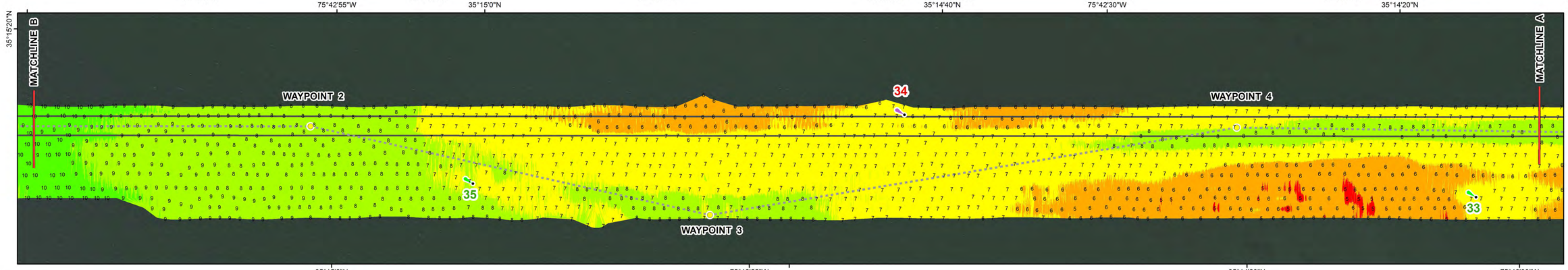
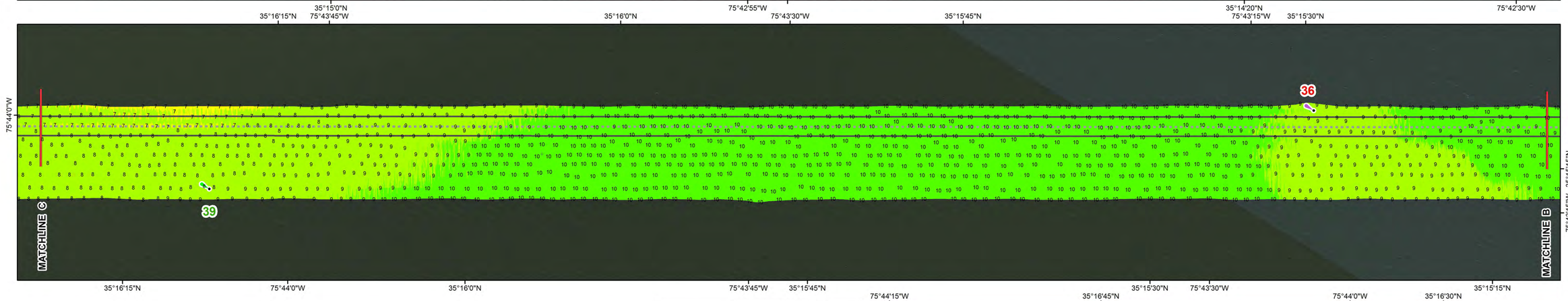
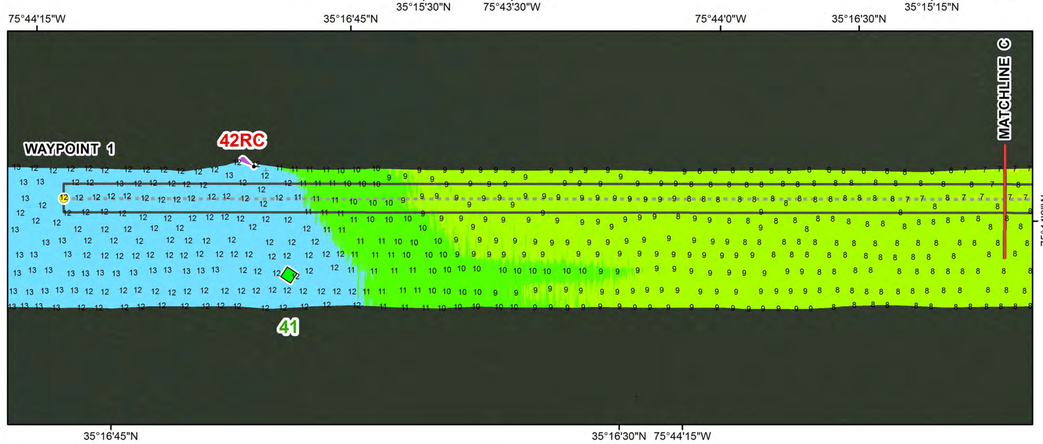
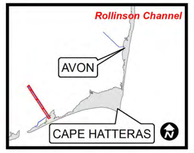








US Army Corps of Engineers
Wilmington District



SURVEYED BY: BRJ, SSS
SURVEY DATE: 04 MAY & 17 NOVEMBER 2016
MAPPED: K7PDPSGD & K7OPNSMG
MAP DATE: 23 NOVEMBER 2016
MAP SCALE: 1:3,000
IMAGERY DATE: 28 JULY 2016
MAP FILE NAME: RC_01_ROL_20161117.MXD
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NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL " KNOWLTON ", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 30
   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 UN-AVAILABLE AT THE TIME OF SURVEY.
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 PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER1110-1-8152.
6. 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
7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.
8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

1:3,000
0 250 500 750 Feet

WAYPOINTS

Project	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
Rollinson Channel - Waypoint 01	2016-05-04	2973024	573064	75° 44' 20.448" W	35° 16' 50.458" N
Rollinson Channel - Waypoint 02	2016-05-04	2979886	562583	75° 43' 1.901" W	35° 15' 4.605" N
Rollinson Channel - Waypoint 03	2016-05-04	2980635	560603	75° 42' 53.666" W	35° 14' 44.786" N
Rollinson Channel - Waypoint 04	2016-05-04	2982508	558571	75° 42' 31.901" W	35° 14' 24.084" N
Rollinson Channel - Waypoint 05	2016-05-04	2985836	553342	75° 41' 53.898" W	35° 13' 31.294" N
Rollinson Channel - Waypoint 06	2016-11-17	2986203	552947	75° 41' 49.633" W	35° 13' 27.265" N
Rollinson Channel - Waypoint 07	2016-11-17	2986999	551704	75° 41' 40.536" W	35° 13' 14.716" N

LEGEND

Aids to Navigation
- Can
- Nun
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Marker
- Green Light
- Red Light
- Green Daybeacon
- Red Daybeacon
- Danger Sign
- Mileboard
- Tide Gage

Depth In Feet
- 4 and Shallower
- 6 - 4
- 7 - 6
- 8 - 7
- 10 - 8
- 12 - 10
- 14 - 12
- 15 - 14
- 15 and Deeper
- Waypoints
- Waypoint Lines
- Matchlines
- Navigation Channel

HYDROGRAPHIC SURVEY

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

ROLLINSON CHANNEL

Hatteras, North Carolina