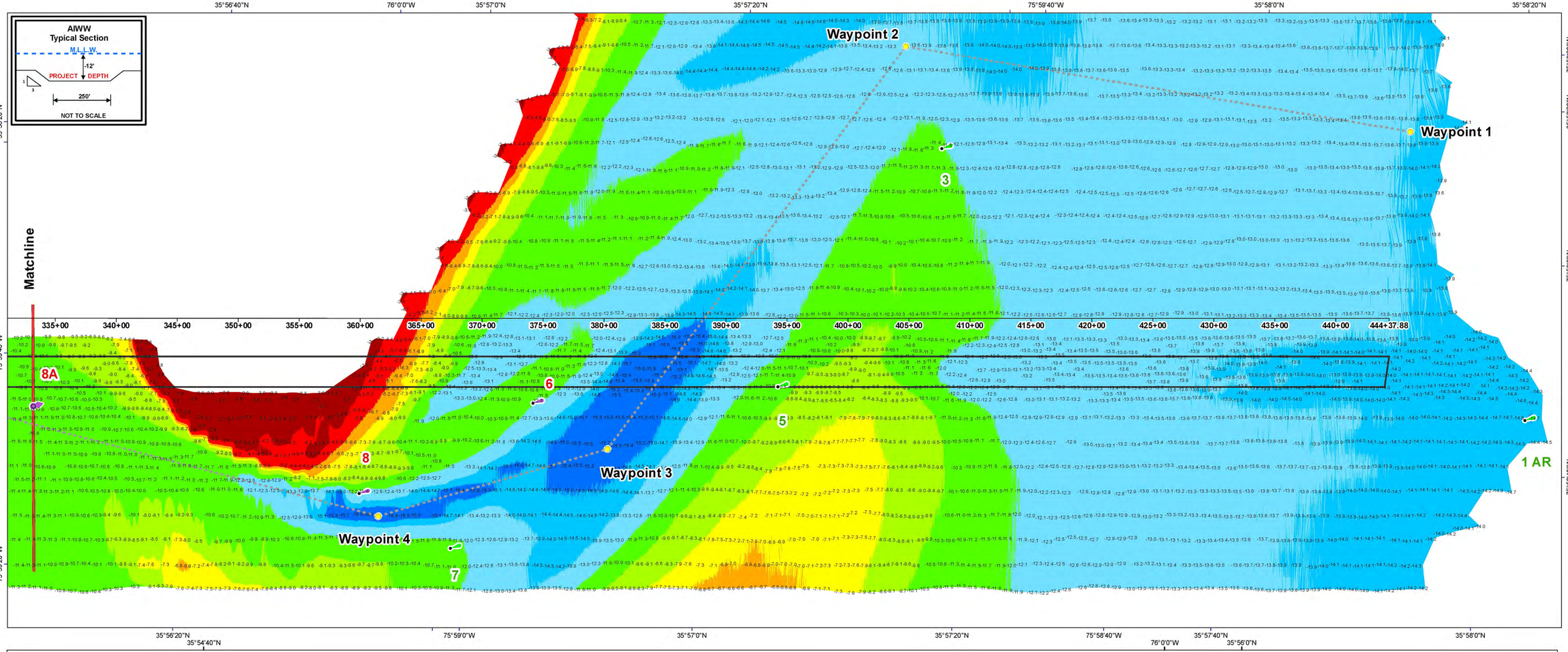

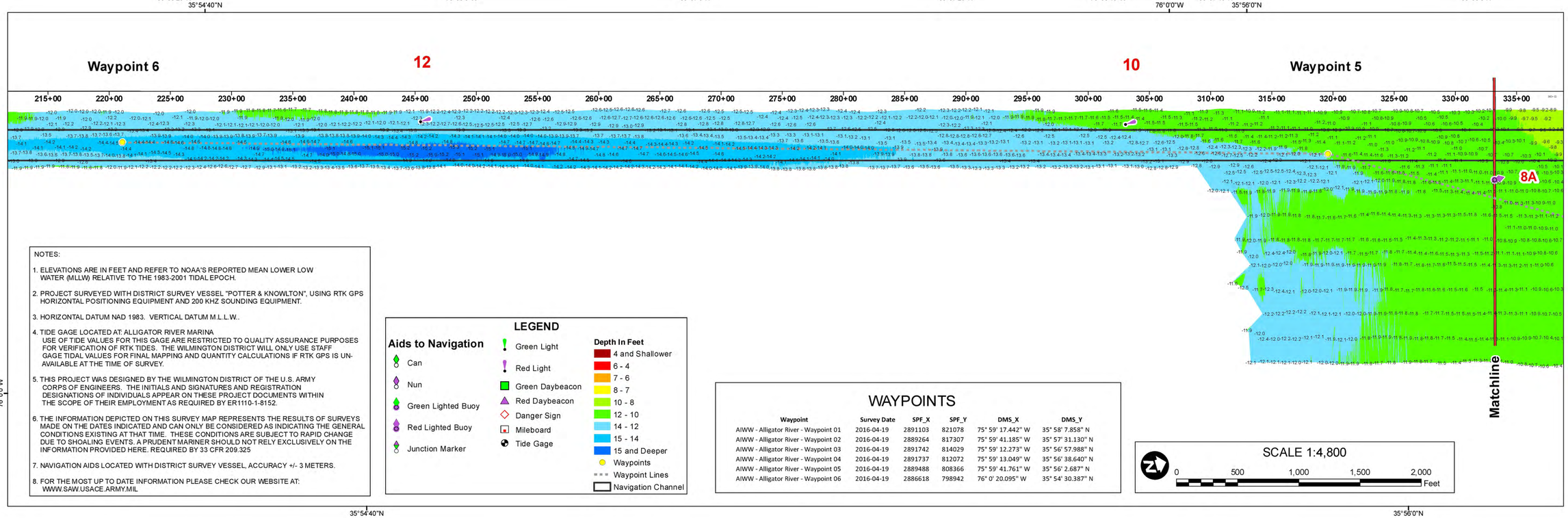

NOTES:

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 "POTTER & 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: ALLIGATOR RIVER 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 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

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
- Navigation Channel

WAYPOINTS

Waypoint	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
AIWW - Alligator River - Waypoint 01	2016-04-19	2891103	821078	75° 59' 17.442" W	35° 58' 7.858" N
AIWW - Alligator River - Waypoint 02	2016-04-19	2889264	817307	75° 59' 41.185" W	35° 57' 31.130" N
AIWW - Alligator River - Waypoint 03	2016-04-19	2891742	814029	75° 59' 12.273" W	35° 56' 57.988" N
AIWW - Alligator River - Waypoint 04	2016-04-19	2891737	812072	75° 59' 13.049" W	35° 56' 38.640" N
AIWW - Alligator River - Waypoint 05	2016-04-19	2889488	808366	75° 59' 41.761" W	35° 56' 2.687" N
AIWW - Alligator River - Waypoint 06	2016-04-19	2886618	798942	76° 0' 20.095" W	35° 54' 30.387" N

SCALE 1:4,800

0 500 1,000 1,500 2,000 Feet

US Army Corps of Engineers
Wilmington District

SURVEYED BY: BRJ, DCH, SSS

MAPPED BY: SMG

MAP FILE NAME: AIWW_AR1_2016-04-19-22_CS.MXD

SURVEY DATE: 19-22 APRIL 2016

MAP DATE: 24 APRIL 2016

MAP SCALE: 1:4,800

HYDROGRAPHIC SURVEY

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

Atlantic Intracoastal Waterway
Norfolk to Beaufort

ALLIGATOR RIVER RANGE 1
(Station 220+00 to 446+20.54)

EAST LAKE TOWNSHIP, NORTH CAROLINA