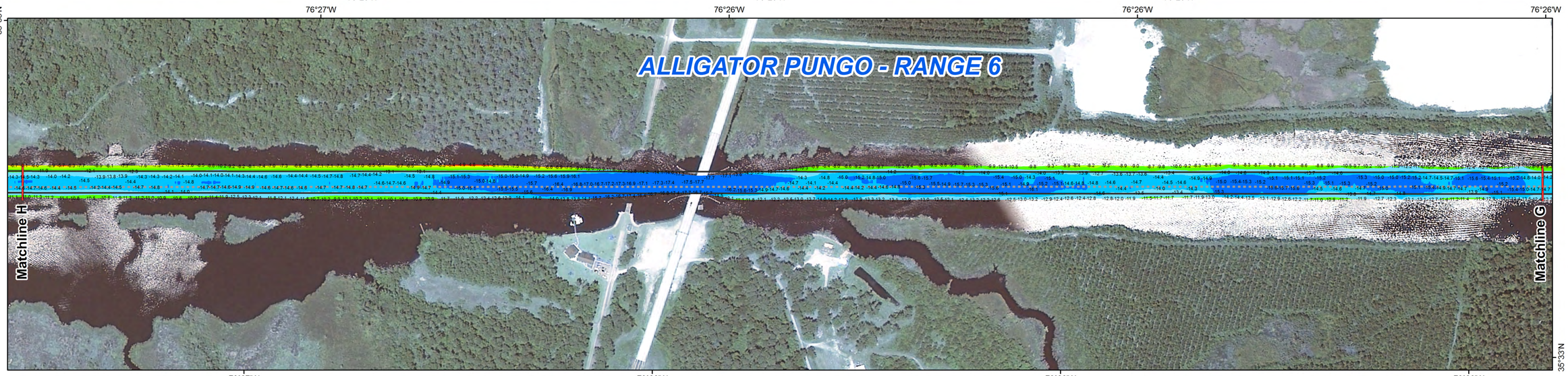
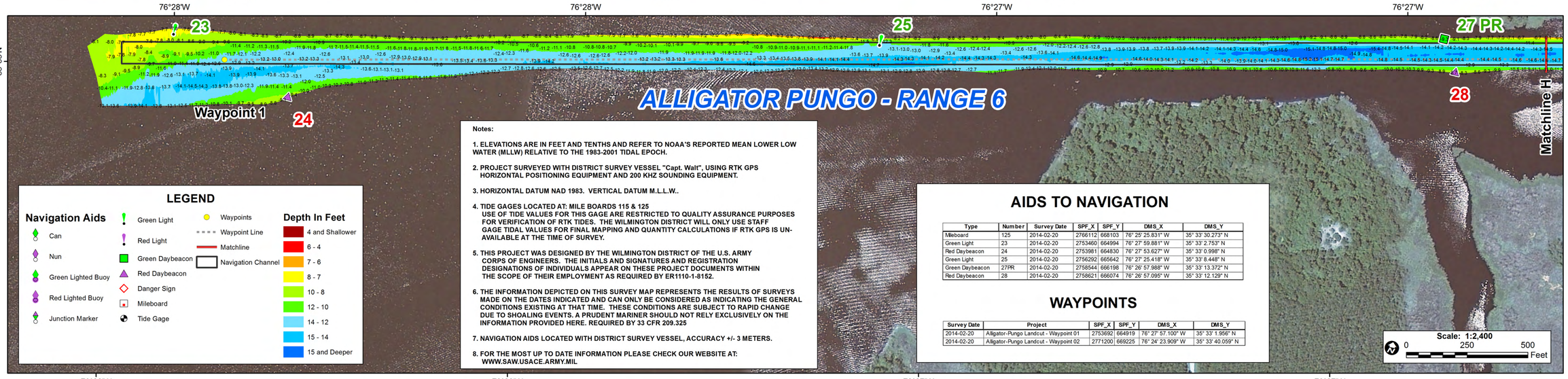



**Notes:**

1. ELEVATIONS ARE IN FEET AND TENTHS 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 "Capt. Walt", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.

3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..

4. TIDE GAGES LOCATED AT: MILE BOARDS 115 & 125
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

**Navigation Aids**
- Can
- Nun
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Marker
- Green Light
- Red Light
- Green Daybeacon
- Red Daybeacon
- Danger Sign
- Mileboard
- Tide Gage
- Waypoints
- Waypoint Line
- Matchline
- Navigation Channel

**Depth In Feet**
- 4 and Shallower
- 6 - 4
- 7 - 6
- 8 - 7
- 10 - 8
- 12 - 10
- 14 - 12
- 15 - 14
- 15 and Deeper

## AIDS TO NAVIGATION

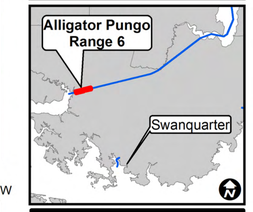
| Type | Number | Survey Date | SPF_X | SPF_Y | DMS_X | DMS_Y |
|---|---|---|---|---|---|---|
| Mileboard | 125 | 2014-02-20 | 2766112 | 668103 | 76° 25' 25.831" W | 35° 33' 30.273" N |
| Green Light | 23 | 2014-02-20 | 2753460 | 664994 | 76° 27' 59.881" W | 35° 33' 2.753" N |
| Red Daybeacon | 24 | 2014-02-20 | 2753981 | 664830 | 76° 27' 53.627" W | 35° 33' 0.998" N |
| Green Light | 25 | 2014-02-20 | 2756292 | 665642 | 76° 27' 25.418" W | 35° 33' 8.448" N |
| Green Daybeacon | 27PR | 2014-02-20 | 2758544 | 666198 | 76° 26' 57.988" W | 35° 33' 13.372" N |
| Red Daybeacon | 28 | 2014-02-20 | 2758621 | 666074 | 76° 26' 57.995" W | 35° 33' 12.129" N |

## WAYPOINTS

| Survey Date | Project | SPF_X | SPF_Y | DMS_X | DMS_Y |
|---|---|---|---|---|---|
| 2014-02-20 | Alligator-Pungo Landcut - Waypoint 01 | 2753692 | 664919 | 76° 27' 57.100" W | 35° 33' 1.956" N |
| 2014-02-20 | Alligator-Pungo Landcut - Waypoint 02 | 2771200 | 669225 | 76° 24' 23.909" W | 35° 33' 40.059" N |

Scale: 1:2,400
0 250 500 Feet

**US Army Corps of Engineers**
**Wilmington District**




Survey Date: February 19 & 20, 2014
Surveyed By: JBG, CRP
Map Date: February 27, 2014
Mapped By: SMG
Scale 1 : 2,400
Imagery Date: 2010 @ Digital Globe Inc.
File Name: aiww-ap6_2014-02-19-20_3of3.mxd

# HYDROGRAPHIC SURVEY

US ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

## Atlantic Intracoastal Waterway
## Norfolk to Beaufort
## ALLIGATOR PUNGO
## RANGE 6 (Map 3 of 3)

HYDE COUNTY, NC