ALLIGATOR PUNGO RANGE 2

ALLIGATOR PUNGO - RANGE 1

Surveyed: September 1, 2016

Matchline A

Waypoint 2

Waypoint 1

39

37

AIWW
Typical Section
M.L.L.W.
-12'
PROJECT DEPTH
1
3
250'
NOT TO SCALE

76°2'40"W 76°2'20"W 76°2'0"W 35°40'0"N 76°1'40"W

ALLIGATOR PUNGO - RANGE 2

Surveyed: October 6, 2016

Waypoint 3

Matchline B

Matchline A

43

41

76°3'40"W 76°3'20"W 76°3'0"W 76°2'40"W 35°40'20"N

76°5'0"W 76°4'40"W 76°4'20"W 76°4'0"W 35°40'40"N

ALLIGATOR PUNGO - RANGE 2

Surveyed: October 6, 2016

46

ALLIGATOR PUNGO RANGE 3

Waypoint 5

45

Waypoint 4

Matchline B

35°40'20"N

LEGEND

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

NOTES:

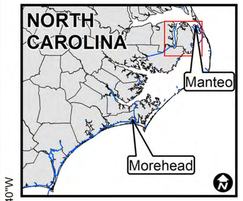
1. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "POTTER", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: LIGHT 54
   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

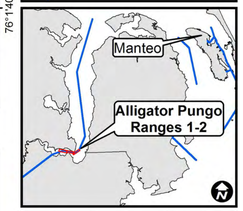
WAYPOINTS

Survey Date	Project	SPF_X	SPF_Y	DMS_X	DMS_Y
2016-09-01	AIWW - Alligator Pungo - Ranges 1-2 - Waypoint 01	2881871	713549	76° 1' 48.836" W	35° 40' 27.621" N
2016-09-01	AIWW - Alligator Pungo - Ranges 1-2 - Waypoint 02	2879046	711727	76° 2' 23.716" W	35° 40' 10.441" N
2016-10-06	AIWW - Alligator Pungo - Ranges 1-2 - Waypoint 03	2876746	711978	76° 2' 51.490" W	35° 40' 13.598" N
2016-10-06	AIWW - Alligator Pungo - Ranges 1-2 - Waypoint 04	2871420	713036	76° 3' 55.645" W	35° 40' 25.619" N
2016-10-06	AIWW - Alligator Pungo - Ranges 1-2 - Waypoint 05	2869238	713339	76° 4' 21.972" W	35° 40' 29.255" N

Scale: 1:2,400
0 250 500 Feet

US Army Corps of Engineers ®
Wilmington District





Survey Date: September 1 & October 6, 2016
Map Date: October 12, 2016
Surveyed By: SSS, BRJ, DCH
Mapped By: SMG
Scale 1 : 2,400
Imagery Date: February 28, 2015
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File Name: aiww-ap1-2_20160901_1005_cs.mxd

HYDROGRAPHIC SURVEY
US ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

Atlantic Intracoastal Waterway
Norfolk to Beaufort

ALLIGATOR PUNGO RANGES 1-2

HYDE COUNTY, NC