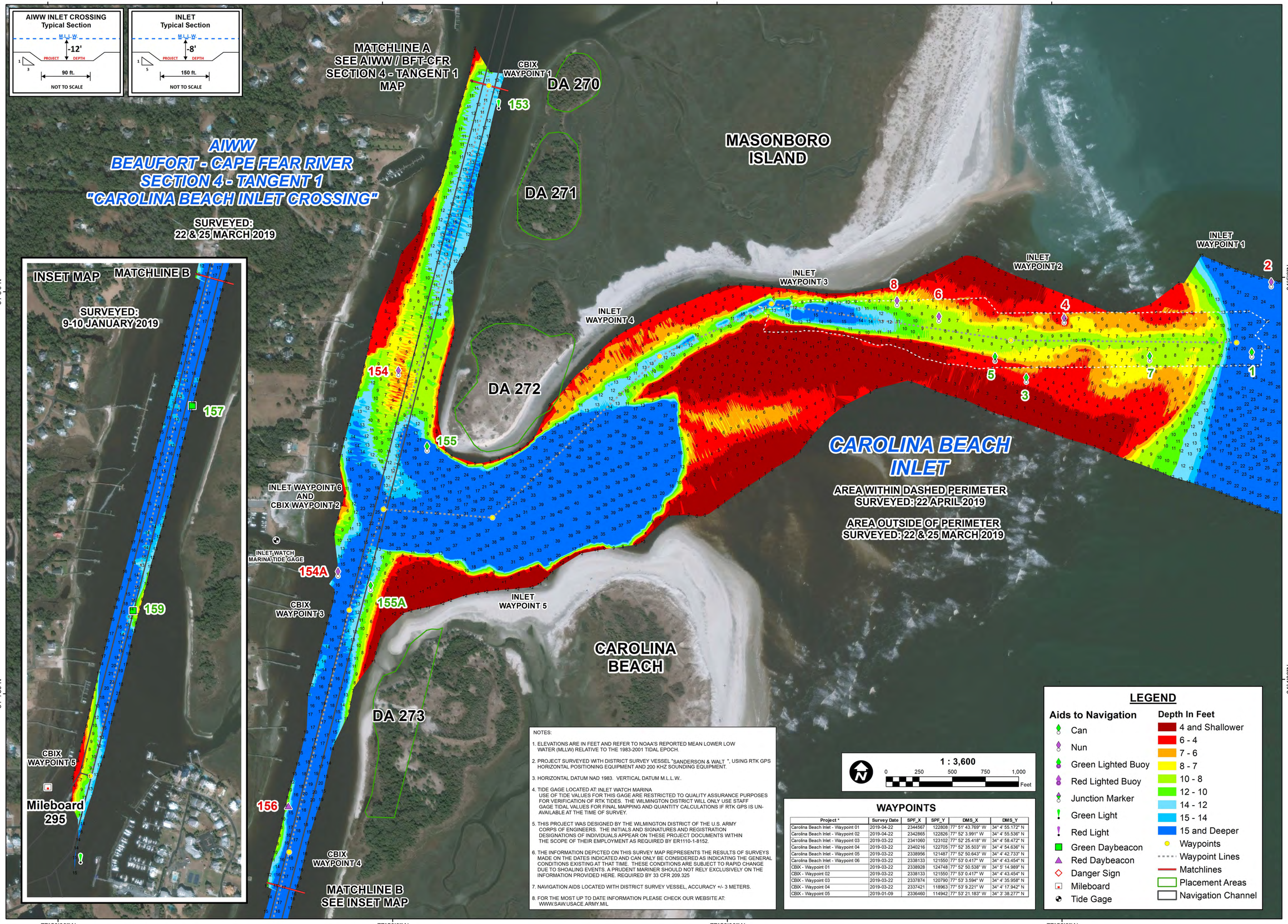

77°53'30"W
77°53'0"W
77°52'30"W
77°52'0"W
34°5'0"N
34°4'30"N
AIWW INLET CROSSING
Typical Section
M.L.L.W.
-12'
PROJECT DEPTH
90 ft.
NOT TO SCALE
INLET
Typical Section
M.L.L.W.
-8'
PROJECT DEPTH
150 ft.
NOT TO SCALE
MATCHLINE A
SEE AIWW / BFT-CFR
SECTION 4 - TANGENT 1
MAP
AIWW
BEAUFORT - CAPE FEAR RIVER
SECTION 4 - TANGENT 1
"CAROLINA BEACH INLET CROSSING"
SURVEYED:
22 & 25 MARCH 2019
INSET MAP
MATCHLINE B
SURVEYED:
9-10 JANUARY 2019
CBIX
WAYPOINT 1
153
DA 270
DA 271
MASONBORO
ISLAND
INLET
WAYPOINT 1
INLET
WAYPOINT 2
INLET
WAYPOINT 3
INLET
WAYPOINT 4
154
DA 272
155
INLET WAYPOINT 6
AND
CBIX WAYPOINT 2
INLET WATCH
MARINA TIDE GAGE
154A
155A
CBIX
WAYPOINT 3
INLET
WAYPOINT 5
CAROLINA
BEACH
DA 273
CAROLINA BEACH
INLET
AREA WITHIN DASHED PERIMETER
SURVEYED: 22 APRIL 2019
AREA OUTSIDE OF PERIMETER
SURVEYED: 22 & 25 MARCH 2019
157
159
CBIX
WAYPOINT 5
Mileboard
295
156
CBIX
WAYPOINT 4
MATCHLINE B
SEE INSET MAP
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 "SANDERSON & 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 GAGE LOCATED AT: INLET WATCH 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
1 : 3,600
0 250 500 750 1,000
Feet
WAYPOINTS
Project * | Survey Date | SPF_X | SPF_Y | DMS_X | DMS_Y
Carolina Beach Inlet - Waypoint 01 | 2019-04-22 | 2344567 | 122808 | 77° 51' 43.769" W | 34° 4' 55.172" N
Carolina Beach Inlet - Waypoint 02 | 2019-04-22 | 2342865 | 122826 | 77° 52' 3.991" W | 34° 4' 55.536" N
Carolina Beach Inlet - Waypoint 03 | 2019-03-22 | 2341060 | 123102 | 77° 52' 25.418" W | 34° 4' 58.472" N
Carolina Beach Inlet - Waypoint 04 | 2019-03-22 | 2340216 | 122705 | 77° 52' 35.503" W | 34° 4' 54.636" N
Carolina Beach Inlet - Waypoint 05 | 2019-03-22 | 2338956 | 121487 | 77° 52' 50.643" W | 34° 4' 42.733" N
Carolina Beach Inlet - Waypoint 06 | 2019-03-22 | 2338133 | 121550 | 77° 53' 0.417" W | 34° 4' 43.454" N
CBIX - Waypoint 01 | 2019-03-22 | 2338928 | 124748 | 77° 52' 50.538" W | 34° 5' 14.989" N
CBIX - Waypoint 02 | 2019-03-22 | 2338133 | 121550 | 77° 53' 0.417" W | 34° 4' 43.454" N
CBIX - Waypoint 03 | 2019-03-22 | 2337874 | 120790 | 77° 53' 3.594" W | 34° 4' 35.958" N
CBIX - Waypoint 04 | 2019-03-22 | 2337421 | 118963 | 77° 53' 9.221" W | 34° 4' 17.942" N
CBIX - Waypoint 05 | 2019-01-09 | 2336460 | 114942 | 77° 53' 21.183" W | 34° 3' 38.277" 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
Placement Areas
Navigation Channel
US Army Corps
of Engineers
Wilmington District
NORTH CAROLINA
WILMINGTON
MOREHEAD CITY
CAROLINA BEACH INLET
Carolina Beach Inlet
CAROLINA BEACH
SOUTHPORT
SURVEYED BY:WJC, JBD, SRV, LMT, DCH
MAPPED BY: K7OPNLAC
PROCESSED BY: K7OPNLAC
MAP FILE NAME: IN_09_CBI_20190422_OT.MXD
SURVEY DATE: 09-10 JANUARY, 22, 25 MARCH & 22 APRIL 2019
MAP DATE: 25 APRIL 2019
MAP SCALE: 1:3,600
IMAGERY DATE: 31 JANUARY 2019
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
Carolina Beach Inlet
& AIWW Crossing
CAROLINA BEACH, NORTH CAROLINA