



WAYPOINTS			
Feature Name	Survey Date	DDM_X	DDM_Y
Carolina Beach Inlet - Waypoint 01	2024-02-22-27	077° 51.78260493' W	34° 04.74668615' N
Carolina Beach Inlet - Waypoint 02	2024-02-22-27	077° 52.23762750' W	34° 04.97628211' N
Carolina Beach Inlet - Waypoint 03	2024-02-22-27	077° 52.43821146' W	34° 04.98936973' N
Carolina Beach Inlet - Waypoint 04	2024-02-22-27	077° 52.52814489' W	34° 04.96582118' N
Carolina Beach Inlet - Waypoint 05	2024-02-22-27	077° 52.67034767' W	34° 04.87435721' N
Carolina Beach Inlet - Waypoint 06	2024-02-22-27	077° 52.78692464' W	34° 04.77270691' N
Carolina Beach Inlet - Waypoint 07	2024-03-12	077° 52.94011786' W	34° 04.74512702' N

Legend	
Aids to Navigation	Elevation
Can	4 and Shallower
Nun	6 - 4
Danger Sign	7 - 6
Green Daybeacon	8 - 7
Red Daybeacon	10 - 8
Junction Marker	12 - 10
Green Light	14 - 12
Red Light	15 - 14
Green Lighted Buoy	15 and Deeper
Red Lighted Buoy	Waypoints
Mileboard	Waypoint_Line
Tide Gage	Matchlines
	Navigation Channel
	Placement Areas

- NOTES:
- ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
 - PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
 - HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
 - TIDE GAGE LOCATED AT: INLET WATCH MARINA & LIGHT 161. 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 UNAVAILABLE AT THE TIME OF SURVEY.
 - 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.
 - 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
 - NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS.
 - FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

US Army Corps of Engineers
Wilmington District

NORTH CAROLINA

Carolina Beach Inlet

SURVEY DATE: 22 & 27 FEBRUARY & 12 MARCH 2024	SURVEYED BY: LMT, D.J.D, KMS
MAP DATE: 13 MARCH 2024	MAPPED BY: KTOPNAGF
MAP SCALE: 1:3,600	PROCESSED BY: KTOPNAGF
IMAGERY DATE: 22 FEBRUARY 2024	
© 2024 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_09_CBI_20240312_BD

HYDROGRAPHIC SURVEY

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

**Carolina Beach Inlet
& AIWW Crossing**

CAROLINA BEACH, NORTH CAROLINA