



**HYDROGRAPHIC SURVEY**

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

Wilmington Harbor  
**Fourth East Jetty**

**NORTH CAROLINA**

Survey Date: 05 May 2025  
Map Date: 07 May 2025  
Imagery Date: 16 April 2025  
© 2025 Maxar Technologies  
Scale: 1:2,000  
File Name: WH\_23\_FEJ\_20250505\_CS  
Surveyed by: JCC.SRV  
Mapped by: k7opnkms  
Processed by: k7opnkms

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 "SWART" EQUIPMENT AND 2" RHZ SOUNDING EQUIPMENT. \* USING RTK GPS HORIZONTAL POSITIONING.

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

4. TIDE GAGE LOCATED AT WILMINGTON MARINE CENTER. USE OF THE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDE VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE 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 SHALING 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.SAV.USACE.ARMY.MIL

**TYPICAL SECTION**

NOT TO SCALE

<b>Aids to Navigation</b>	Green Light
Can	Red Light
Nun	Green Daybeacon
Green Lighted Buoy	Red Daybeacon
Red Lighted Buoy	Danger Sign
Junction Marker	Mileboard
	Tide Gage

<b>Depth In Feet</b>	Matchlines
20 and Shallower	Navigation Channel
20-25	Placement Areas
25-32	
32-35	
35-38	
38-42	
42-44	
44-45	
45-47	
47 and Deeper	