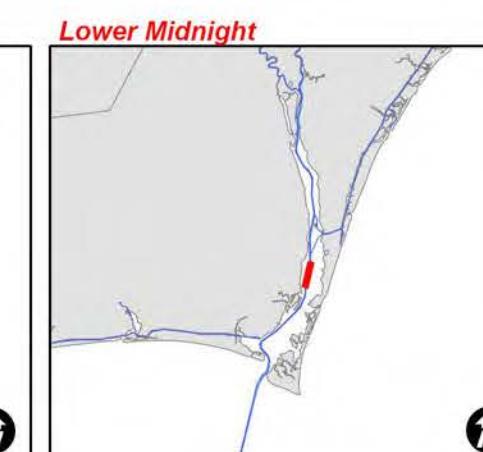


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
WILMINGTON, NORTH CAROLINA  
Wilmington Harbor  
**Lower Midnight**



Survey Date: 07 May 2025  
Map Date: 09 May 2025  
Imagery Date: 17 April 2025  
© 2025 Maxar Technologies  
Scale: 1:2,000  
File Name: WH\_13\_LMI\_20250507\_CS  
Surveyed by: JCC, SRV  
Mapped by: k7opndjm  
Processed by: k7opndjm

200 100 0 200 400 600  
Feet



0

200

400

600

Meters

8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: [WWW.SAW.USACE.ARMY.MIL](http://WWW.SAW.USACE.ARMY.MIL)

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 25 kHz SOUNDING EQUIPMENT.

3. HORIZONTAL DATUM NAD 1983, VERTICAL DATUM MLLW..

4. TIDE GAGE LOCATED AT WILMINGTON MARINE CENTER

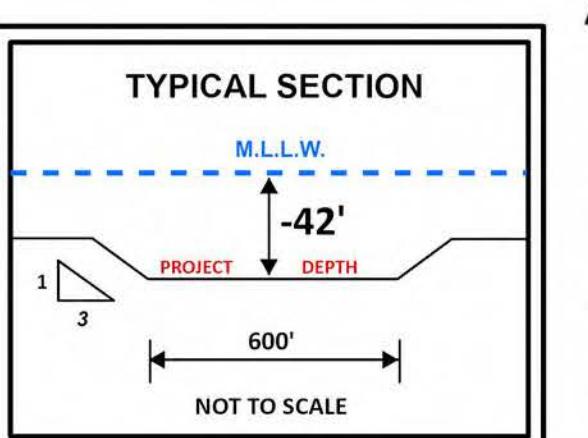
USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK GPS POSITIONING. DO NOT USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.

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 ER1101-1-152.

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 208.205.

7. NAVIGATION AIDS LOCATED WITHIN DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS.

8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: [WWW.SAW.USACE.ARMY.MIL](http://WWW.SAW.USACE.ARMY.MIL)



- Aids to Navigation**
- Green Light
  - Red Light
  - Nun
  - Green Daybeacon
  - Red Daybeacon
  - Danger Sign
  - Mileboard
  - Junction Marker

