



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL OCEAN SERVICE

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE:** November 5, 1997

**HYDROGRAPHIC BRANCH:** Atlantic

**HYDROGRAPHIC PROJECT:** OPR G309-WH

**HYDROGRAPHIC SHEET:** H-10747

**LOCALITY:** Approaches to Cape Fear River, Wilmington, N.C.

**TIME PERIOD:** May 5, - June 24, 1997

**TIDE STATION USED:** 865-9182 Yaupon Beach, N.C..  
Lat. 33° 54.1'N Lon. 78° 4.9'W

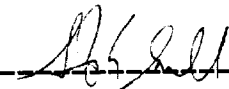
**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 m  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 1.512 m

**REMARKS:** RECOMMENDED ZONING

Use zone(s) identified as: SEC100, SEC102 & SEC103

Refer to attachment(s) for zoning information.

**Note:** Provided time series data are tabulated in metric units (meters) and on Greenwich Mean Time.

  
-----  
**CHIEF, TIDAL ANALYSIS BRANCH**



Final tide zone node point locations for OPR G309-WH-97,  
Sheet H-10747.

Format: Longitude in decimal degrees (negative value denotes  
Longitude West),  
Latitude in decimal degrees  
Tide Station (in recommended order of use)  
Average Time Correction (in minutes)  
Range Correction

	Tide Station Order	AVG Time Correction	Range Correction
Zone SEC100			
-77.955747 33.88791	865-9182	6	0.90
-77.96318 33.846179			
-77.951585 33.841933			
-77.901931 33.7414			
-77.850802 33.628711			
-77.839882 33.623779			
-77.829646 33.656927			
-77.838593 33.705045			
-77.865445 33.764924			
-77.893575 33.834427			
-77.927957 33.949443			
-77.941657 33.923586			
-77.945767 33.915731			
-77.955747 33.88791			
Zone SEC102			
-77.901931 33.7414	865-9182	-6	0.90
-77.850802 33.628711			
-77.839882 33.623779			
-77.975489 33.397092			
-78.494495 32.884319			
-78.698374 33.033043			
-78.079757 33.429171			
-77.901931 33.7414			
Zone SEC103			
-77.971956 33.84933	865-9182	0	0.94
-77.96318 33.846179			
-77.951585 33.841933			
-77.901931 33.7414			
-78.079757 33.429171			
-78.698374 33.033043			
-78.803317 33.16091			
-78.187457 33.524942			
-77.993895 33.741116			
-77.971956 33.84933			