



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Office of Ocean and Earth Sciences
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: September 19, 1997

HYDROGRAPHIC BRANCH: Atlantic

HYDROGRAPHIC PROJECT: OPR G309-WH

HYDROGRAPHIC SHEET: H-10728

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

TIME PERIOD: March 20 - June 11, 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: SEC105, SEC109 & SEC110

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-10728.

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 SEC105				
-78.266953	33.602487	865-9182	0	1.03
-78.925059	33.304092			
-78.983499	33.495024			
-78.849354	33.575122			
-78.63113	33.836158			
-78.532176	33.858868			
-78.444139	33.886271			
-78.400599	33.89418			
-78.100399	33.850126			
-78.043816	33.846645			
-77.998471	33.857593			
-77.985608	33.852782			
-78.05986	33.751023			
-78.266953	33.602487			
Zone SEC109				
-78.146383	33.916024	865-9182	0	1.00
-78.042524	33.875334			
-78.041714	33.893814			
-78.07501	33.902453			
-78.146383	33.916024			
Zone SEC110				
-78.146383	33.916024	865-9182	0	1.05
-78.227764	33.913063			
-78.238838	33.917002			
-78.360653	33.905184			
-78.400599	33.89418			
-78.100399	33.850126			
-78.043816	33.846645			
-78.042524	33.875334			
-78.146383	33.916024			