



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: February 4, 1999

HYDROGRAPHIC BRANCH: Atlantic

HYDROGRAPHIC PROJECT: OPR-G301-AHP

HYDROGRAPHIC SHEET: H-10856

LOCALITY: Charleston, SC - Copper River
Red Bank Landing to Cote Bas

TIME PERIOD: October 27, 1998 - December 10, 1998

TIDE STATION USED: 866-5530 Charleston, SC
Lat. $32^{\circ} 46.9'N$ Lon. $79^{\circ} 55.5'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.664 meters

TIDE STATION USED: 866-4022 General Dynamics, SC
Lat. $33^{\circ} 00.5'N$ Lon. $79^{\circ} 55.3'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.396 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: CH11, CH13, CH14 & CH16

Refer to attachments for zoning information.

Note 1: Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time.

Note 2: Use tide data from the appropriate station with applicable zoning correctors for each zone according to the order in which they are listed in the Tidezone corrector files. For example, tide station one (TS1) would be the first choice for an applicable zone followed by TS2, etc. when data are not available.

Thomas V. Mero 2/5/99

CHIEF, REQUIREMENTS AND ENGINEERING BRANCH



Final tide zone node point locations for OPR-G301-AHP-98,
Sheet H-10856.

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 CH11			
-79.944015 32.933803	866-5530	+54	1.02
-79.93085 32.943067			
-79.933375 32.951191			
-79.922434 32.951191			
-79.909974 32.962648			
-79.899881 32.954863			
-79.887418 32.945869			
-79.925591 32.901413			
-79.935743 32.917608			
-79.944015 32.933803			
Zone CH13			
-79.933375 32.951191	866-4022	-36	1.18
-79.93863 32.965186	866-5530	+54	0.98
-79.911073 32.971677			
-79.910458 32.966827			
-79.909974 32.962648			
-79.922434 32.951191			
-79.933375 32.951191			
Zone CH14			
-79.93863 32.965186	866-4022	-30	1.13
-79.93632 32.970618	866-5530	+66	0.94
-79.927484 32.978741			
-79.90842 32.977234			
-79.911073 32.971677			
-79.93863 32.965186			
Zone CH16			
-79.927484 32.978741	866-4022	-18	1.09
-79.93085 32.990044	866-5530	+78	0.90
-79.921617 32.98969			
-79.903373 32.984364			
-79.90842 32.977234			
-79.927484 32.978741			