



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: November 16, 1999

HYDROGRAPHIC BRANCH: Atlantic
HYDROGRAPHIC PROJECT: OPR-G301-AHP
HYDROGRAPHIC SHEET: H-10858

LOCALITY: Charleston, SC - Cooper River
Daniel Island Bend to Goose Creek

TIME PERIOD: March 18, 1999 - June 4, 1999

TIDE STATION USED: 866-4662 Army Depot, SC
Lat. 32° 54.6'N Lon. 79° 57.0'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.722 meters

TIDE STATION USED: 866-5530 Charleston, SC
Lat. 32° 46.9'N Lon. 79° 55.5'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.664 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: CH30, CH31 & CH32.

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 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. All zones within a survey sheet may not have the same order of applicable tide stations.

Thomas N. Mero 11/17/99

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-G301-AHP-99,
 Sheet H-10858.

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 CH30			
-79.927366 32.852263	866-5530	+18	1.02
-79.924516 32.850223			
-79.920241 32.840262			
-79.924493 32.827004			
-79.925964 32.81559			
-79.946914 32.807729			
-79.954906 32.843902			
-79.927366 32.852263			
Zone CH31			
-79.954906 32.843902	866-4662	-12	1.00
-79.968998 32.862688	866-5530	+30	1.03
-79.968125 32.872704			
-79.968997 32.889198			
-79.930944 32.888314			
-79.936181 32.862099			
-79.927366 32.852263			
-79.954906 32.843902			
Zone CH32			
-79.930944 32.888314	866-4662	0	1.00
-79.916281 32.910399	866-5530	+42	1.03
-79.935743 32.917608			
-79.949093 32.913162			
-79.954358 32.910939			
-79.963411 32.902155			
-79.968997 32.889198			
-79.930944 32.888314			