



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: December 9, 1998

HYDROGRAPHIC BRANCH: Atlantic

HYDROGRAPHIC PROJECT: OPR-G301-AHP

HYDROGRAPHIC SHEET: H-10784

LOCALITY: Charleston Harbor, SC
Fort Sumter To Daniel Island Bend

TIME PERIOD: October 15, 1997 - June 16, 1998

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: CH1, CH2, CH3, CH4, CH27, CH44, CH45,
CH46, CH47, CH48.

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.



CHIEF, REQUIREMENTS AND ENGINEERING BRANCH



Final tide zone node point locations for OPR-G301-AHP-97/98,
Sheet H-10784.

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 CH1				
-79.863602	32.78283	866-5530	0	0.97
-79.918673	32.749685			
-79.89418	32.713162			
-79.873213	32.726721			
-79.869683	32.738817			
-79.850308	32.756599			
-79.842902	32.760377			
-79.863602	32.78283			
Zone CH2				
-79.943274	32.798847	866-5530	0	1.00
-79.896761	32.800035			
-79.863602	32.78283			
-79.918673	32.749685			
-79.968909	32.759851			
-79.975967	32.763007			
-79.9539	32.768706			
-79.949669	32.77966			
-79.943274	32.798847			
Zone CH3				
-79.943274	32.798847	866-5530	+12	1.03
-79.95518	32.844445			
-79.913553	32.844445			
-79.910526	32.831105			
-79.881009	32.81332			
-79.896761	32.800035			
-79.943274	32.798847			
Zone CH4				
-79.95518	32.844445	866-5530	+24	1.02
-79.996049	32.870488			
-79.993778	32.87684			
-79.940043	32.879381			
-79.930204	32.887003			
-79.923116	32.882034			
-79.91834	32.874741			

-79.912906 32.868645
-79.913553 32.844445
-79.95518 32.844445

Zone CH27

-79.910526 32.831105	866-5530	+24	1.05
-79.901834 32.866775			
-79.891811 32.871204			
-79.881331 32.87395			
-79.865514 32.855804			
-79.881009 32.81332			
-79.910526 32.831105			

Zone CH44

-79.968909 32.759851	866-5530	+12	1.02
-79.984273 32.738641			
-79.945246 32.727598			
-79.918673 32.749685			
-79.968909 32.759851			

Zone CH45

-79.9539 32.768706	866-5530	+30	1.00
-79.975967 32.763007			
-79.980365 32.77083			
-79.95684 32.774015			
-79.9539 32.768706			

Zone CH46

-79.9539 32.768706	866-5530	+6	1.02
-79.95684 32.774015			
-79.969599 32.776142			
-79.983783 32.791768			
-79.95678 32.793622			
-79.949669 32.77966			
-79.9539 32.768706			

Zone CH47

-79.983783 32.791768	866-5530	+12	1.04
-79.95678 32.793622			
-79.957215 32.836445			
-79.984449 32.825997			
-79.995545 32.804404			
-79.983783 32.791768			

Zone CH48

-79.984449 32.825997	866-5530	+18	1.06
-80.026591 32.819019			
-80.057326 32.832182			
-80.041518 32.842378			
-80.036468 32.853686			
-79.971662 32.847272			
-79.957215 32.836445			
-79.984449 32.825997			