



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: December 23, 2002

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-N326-RA-2002
HYDROGRAPHIC SHEET: H11040

LOCALITY: Port Townsend, WA
TIME PERIOD: March 20 - 24, 2002 and October 19-31, 2002

TIDE STATION USED: 944-4900 Port Townsend, Admiralty Inlet, WA
Lat. 48° 06.1'N Lon. 122° 45.5'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.387 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: PS107, PS108, PS109, PS110 & PS120.

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.

Thomas N. Yess 1/2/03

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-N326-RA-2002, Sheet H11040.

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

	Tide Station Order	AVG Time Correction	Range Correction
Zone PS107	944-4900	+6	1.02
-122.722556 48.095097			
-122.724443 48.093897			
-122.733822 48.090445			
-122.735407 48.088144			
-122.736199 48.085046			
-122.735803 48.081328			
-122.736414 48.062154			
-122.774412 48.055459			
-122.806905 48.074539			
-122.801472 48.100223			
-122.779814 48.107002			
-122.777472 48.104515			
-122.750272 48.099214			
-122.722556 48.095097			
Zone PS108	944-4900	+12	1.05
-122.736414 48.062154			
-122.735316 48.03833			
-122.738401 48.033465			
-122.741735 48.032067			
-122.745987 48.030725			
-122.751072 48.030781			
-122.772494 48.041963			
-122.774412 48.055459			
-122.736414 48.062154			
Zone PS109	944-4900	+18	1.07
-122.751072 48.030781			
-122.748256 48.026801			
-122.733648 48.03106			
-122.729563 48.03257			
-122.735316 48.03833			
-122.738401 48.033465			

-122.741735 48.032067
-122.745987 48.030725
-122.751072 48.030781

Zone PS110

944-4900

+24

1.09

-122.733648 48.03106
-122.728439 48.026518
-122.726072 48.027243
-122.727425 48.030328
-122.729563 48.03257
-122.733648 48.03106

Zone PS120

944-4900

+30

1.12

-122.728439 48.026518
-122.736983 48.018528
-122.72438 48.003854
-122.688677 48.008845
-122.69269 48.016595
-122.702464 48.018278
-122.720835 48.028123
-122.726072 48.027243
-122.728439 48.026518