



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: March 14, 1997

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: S-N903-PHP
HYDROGRAPHIC SHEET: FE-427

LOCALITY: Washington, Puget Sound, Commencement Bay

TIME PERIOD: August 6 - September 3, 1996

TIDE STATION USED: 944-6484 Tacoma, Commencement Bay, Wa.
Lat. $47^{\circ} 16.0'N$ Lon. $122^{\circ} 24.7'W$

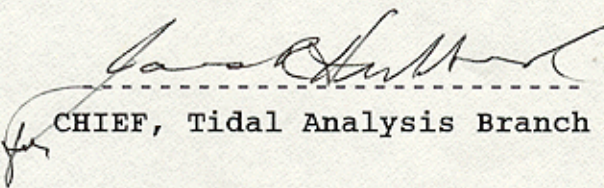
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.331 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: PS12

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 nodal point locations for OPR N903-PHP-96.

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 PS12				
-122.418087	47.381558	944-6484	0	1.00
-122.468884	47.351366	944-7130	6	1.05
-122.498625	47.353813			
-122.518361	47.356357			
-122.525413	47.307495			
-122.423653	47.233812			
-122.327469	47.26782			
-122.418087	47.381558			