



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: February 8, 2000

HYDROGRAPHIC BRANCH: Pacific  
HYDROGRAPHIC PROJECT: OPR-N368-PHP-99  
HYDROGRAPHIC SHEET: H-10887

LOCALITY: Northern Puget Sound, WA

TIME PERIOD: May 24, 1999 - October 27, 1999

TIDE STATION USED: 944-9424 Cherry Point, WA  
Lat. 48° 51.8'N Lon. 122° 45.5'W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.515 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: NPS49, NPS50, NPS51, NPS64, NPS70,  
& NPS71.

Refer to attachments for zoning information.

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

*Thomas V. Mesa* 2/8/00  
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CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION

Final tide zone node point locations for OPR-N368-PHP-99,  
Sheet H-10887.

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 NPS49			
-122.738076 48.584204	944-9424	-24	0.90
-122.810286 48.595829			
-122.823941 48.604132			
-122.816365 48.645664			
-122.777379 48.648211			
-122.690254 48.622077			
-122.716476 48.606516			
-122.703318 48.593215			
-122.738076 48.584204			
Zone NPS50			
-122.777379 48.648211	944-9424	-18	0.92
-122.75407 48.661748			
-122.658967 48.686974			
-122.628335 48.665882			
-122.622261 48.656703			
-122.690254 48.622077			
-122.777379 48.648211			
Zone NPS51			
-122.75407 48.661748	944-9424	-12	0.95
-122.777379 48.648211			
-122.816365 48.645664			
-122.881019 48.701912			
-122.886924 48.748048			
-122.837066 48.747287			
-122.712121 48.738051			
-122.706645 48.733619			
-122.68228 48.710359			
-122.658967 48.686974			
-122.75407 48.661748			

Zone NPS64

-122.62278 48.695127	944-9424	-18	0.92
-122.628335 48.665882			
-122.622261 48.656703			
-122.609823 48.640495			
-122.610103 48.611323			
-122.554573 48.578031			
-122.554573 48.585864			
-122.50964 48.667555			
-122.62278 48.695127			

Zone NPS70

-122.632316 48.539284	944-9424	-30	0.90
-122.579184 48.538285			
-122.558712 48.535392			
-122.554573 48.578031			
-122.610103 48.611323			
-122.646296 48.585732			
-122.632316 48.539284			

Zone NPS71

-122.703318 48.593215	944-9424	-18	0.91
-122.716476 48.606516			
-122.690254 48.622077			
-122.622261 48.656703			
-122.609823 48.640495			
-122.610103 48.611323			
-122.646296 48.585732			
-122.703318 48.593215			