



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: December 7, 2000

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-N411-NRB-2000
HYDROGRAPHIC SHEET: F00468

LOCALITY: Puget Sound, WA
TIME PERIOD: August 18 - October 19, 2000

TIDE STATION USED: 944-7130 Seattle, WA
Lat. $47^{\circ} 36.2'N$ Lon. $122^{\circ} 20.3'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.198 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: PS161, PS163, PS164, PS166, PS167,
PS168 & PS169.

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 V. Hays 12/7/00

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



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Final tide zone node point locations for OPR-N411-NRB-2000,
Sheet F00468.

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 PS161			
-122.4775 47.748685	944-7130	0	1.00
-122.539751 47.749408			
-122.522043 47.705945			
-122.531028 47.648028			
-122.493204 47.634317			
-122.43138 47.661495			
-122.400999 47.665697			
-122.399705 47.667448			
-122.394633 47.680395			
-122.401293 47.697613			
-122.44047 47.716091			
-122.468913 47.736374			
-122.4775 47.748685			
Zone PS163			
-122.43138 47.661495	944-7130	0	1.00
-122.493204 47.634317			
-122.454132 47.611852			
-122.414475 47.59963			
-122.385315 47.594109			
-122.375054 47.579733			
-122.362276 47.583946			
-122.358363 47.584914			
-122.351071 47.58674			
-122.346288 47.59011			
-122.341155 47.591544			
-122.328061 47.607913			
-122.378777 47.640654			
-122.43138 47.661495			

Zone PS164

-122.375054 47.579733	944-7130	+6	0.99
-122.364437 47.572993			
-122.355394 47.570953			
-122.334939 47.571738			
-122.336721 47.591041			
-122.341155 47.591544			
-122.346288 47.59011			
-122.351071 47.58674			
-122.358363 47.584914			
-122.362276 47.583946			
-122.375054 47.579733			

Zone PS166

-122.385315 47.594109	944-7130	+6	1.01
-122.414475 47.59963			
-122.454132 47.611852			
-122.493204 47.634317			
-122.495538 47.625254			
-122.500206 47.610671			
-122.499041 47.599633			
-122.49671 47.588986			
-122.539476 47.5659			
-122.560992 47.540933			
-122.541374 47.467087			
-122.495278 47.458593			
-122.45129 47.4477			
-122.381302 47.450472			
-122.33877 47.466953			
-122.385315 47.594109			

Zone PS167

-122.495538 47.625254	944-7130	+12	1.01
-122.526129 47.632985			
-122.552201 47.628049			
-122.534492 47.615797			
-122.500206 47.610671			
-122.495538 47.625254			

Zone PS168

-122.499041 47.599633	944-7130	+6	1.01
-122.529493 47.605406			
-122.527569 47.593453			
-122.49671 47.588986			
-122.499041 47.599633			

Zone PS169

-122.539476 47.5659

944-7130

+6

1.01

-122.559077 47.567719

-122.566004 47.579514

-122.570146 47.595625

-122.564943 47.610279

-122.529493 47.605406

-122.527569 47.593453

-122.49671 47.588986

-122.539476 47.5659