



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: June 17, 1999

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-N368-PHP

HYDROGRAPHIC SHEET: H-10792

LOCALITY: Bellingham Channel, Burrows Island to Sinclair Island,
WA

TIME PERIOD: January 28, 1998 - March 16, 1999

TIDE STATION USED: 944-9932 Armitage Island, WA
Lat. 48° 32.1'N Lon. 122° 47.8'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.194 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: NPS70, NPS71, NPS72, NPS73, NPS74,
NPS75, NPS76, NPS77 & NPS78

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. Meyer 6/25/99

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Printed on Recycled Paper



Final tide zone node point locations for OPR N368-PHP-98,
Sheet H-10792.

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 NPS70				
-122.632316	48.539284	944-9932	+24	1.05
-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	944-9932	+30	1.06
-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			
Zone NPS72				
-122.640645	48.568	944-9932	+18	1.05
-122.646296	48.585732			
-122.703318	48.593215			
-122.702092	48.567446			
-122.640645	48.568			
Zone NPS73				
-122.685774	48.545179	944-9932	+12	1.02
-122.700813	48.549756			
-122.702092	48.567446			
-122.670395	48.567446			
-122.640645	48.568			
-122.632316	48.539284			
-122.651768	48.541233			
-122.685774	48.545179			
Zone NPS74				
-122.579184	48.538285	944-9932	0	1.03

-122.632316 48.539284
-122.651768 48.541233
-122.683188 48.505214
-122.67857 48.500428
-122.614226 48.513812
-122.607088 48.51808
-122.59845 48.512369
-122.579184 48.538285

Zone NPS75

-122.683188 48.505214	944-9932	0	0.99
-122.718775 48.541049			
-122.700813 48.549756			
-122.685774 48.545179			
-122.651768 48.541233			
-122.683188 48.505214			

Zone NPS76

-122.760635 48.521305	944-9932	-6	0.99
-122.718775 48.541049			
-122.683188 48.505214			
-122.698309 48.49543			
-122.70111 48.492067			
-122.760635 48.521305			

Zone NPS77

-122.760635 48.521305	944-9932	-12	0.98
-122.70111 48.492067			
-122.712721 48.477934			
-122.76358 48.484537			
-122.792715 48.507316			
-122.760635 48.521305			

Zone NPS78

-122.70111 48.492067	944-9932	-30	0.99
-122.712721 48.477934			
-122.703949 48.465433			
-122.668234 48.43083			
-122.646301 48.462098			
-122.669485 48.493764			
-122.70111 48.492067			



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: June 7, 2000

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-N368-NRT3

HYDROGRAPHIC SHEET: H-10792 AWOIS Item 52581

LOCALITY: Bellingham Channel, North Puget Sound, WA

TIME PERIOD: April 17 - 26, 2000

TIDE STATION USED: 944-9932 Armitage Island, WA

Lat. 48° 32.1'N Lon. 122° 47.8'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.194 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: PS215.

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 E. Mero 6/7/00

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Printed on Recycled Paper



Final tide zone node point locations for OPR-N368-NRT3-98,
 Sheet H-10792 AWOIS Item 52581.

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 PS215			
-122.688094 48.516558	944-9932	-6	1.03
-122.714804 48.543637			
-122.699677 48.548828			
-122.682459 48.551959			
-122.649363 48.542167			
-122.632649 48.528674			
-122.616918 48.517136			
-122.670959 48.502849			
-122.67863 48.504124			
-122.679153 48.507487			
-122.688094 48.516558			