



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: May 15, 2000

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-P139-RA-99
HYDROGRAPHIC SHEET: H-10925

LOCALITY: Southwest Prince William Sound, AK

TIME PERIOD: August 16 - October 7, 1999

TIDE STATION USED: 945-4411 Zaikof Point
Lat. 60° 18.6'N Lon. 146° 56.7'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.207 meters

TIDE STATION USED: 945-4662 Snug Harbor
Lat. 60° 14.4'N Lon. 147° 43.2'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.218 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: PWS42, PWS47, PWS52, PWS53 & PWS54.

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.

Note 2: Use tide data from the appropriate station with applicable zoning correctors for each zone according to the order in which they are listed in the Tidezone corrector files. For example, tide station one (TS1) would be the first choice for an applicable zone followed by TS2, etc. when data are not available.

Thomas N. Mero 5/16/00

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-P139-RA-99,
Sheet H-10925.

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 PWS42			
-147.703642 60.244653	945-4662	-6	1.02
-147.738627 60.227865			
-147.792175 60.19276			
-147.781996 60.187238			
-147.773635 60.161998			
-147.606335 60.147238			
-147.411023 60.097978			
-147.325832 60.179367			
-147.487763 60.226861			
-147.604351 60.274729			
-147.674795 60.308452			
-147.740374 60.278784			
-147.726093 60.266771			
-147.703642 60.244653			
Zone PWS47			
-147.385584 60.525438	945-4662	0	1.04
-147.474011 60.505541			
-147.572046 60.469896			
-147.706768 60.397587			
-147.710815 60.312655			
-147.674795 60.308452			
-147.604351 60.274729			
-147.487763 60.226861			
-147.343216 60.302686			
-147.212948 60.329021			
-147.115049 60.379232			
-147.294086 60.380883			
-147.38032 60.416307			
-147.394959 60.462944			
-147.324788 60.528831			

-147.385584 60.525438

Zone PWS52

-147.017466 60.333488	945-4411	0	1.00
-147.15325 60.323765			
-147.141645 60.273831			
-147.12588 60.248158			
-146.940685 60.290383			
-146.659408 60.329274			
-146.663109 60.334575			
-146.6701 60.339876			
-146.684904 60.34538			
-146.717804 60.370613			
-147.017466 60.333488			

Zone PWS53

-146.683522 60.424393	945-4411	0	1.02
-146.591692 60.382398			
-146.717804 60.370613			
-147.017466 60.333488			
-147.15325 60.323765			
-147.212948 60.329021			
-147.115049 60.379232			
-146.683522 60.424393			

Zone PWS54

-147.324788 60.528831	945-4411	0	1.04
-147.394959 60.462944			
-147.38032 60.416307			
-147.294086 60.380883			
-147.115049 60.379232			
-146.683522 60.424393			
-146.667982 60.423944			
-146.603222 60.486673			
-146.751935 60.491074			
-147.002014 60.497978			
-147.183429 60.512725			
-147.305728 60.531336			
-147.330451 60.530561			
-147.324788 60.528831			