



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL OCEAN SERVICE

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

DATE: February 5, 1998

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-P125-RA-97

HYDROGRAPHIC SHEET: H-10776

LOCALITY: Northwest Prince William Sound, AK

TIME PERIOD: Sep 3 - Oct 14, 1997

TIDE STATION USED: 945-4691 Herring Point, Knight Island Passage  
Lat. 60° 28.5'N Lon. 147° 47.5'W

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

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.326 meters

TIDE STATION USED: 945-4729 Pt. Perry, Perry Island  
Lat. 60° 45.1'N Lon. 147° 57.8'W

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

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.386 meters

TIDE STATION USED: 945-4794 Applegate Island  
Lat. 60° 37.4'N Lon. 148° 09.9'W

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

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.385 meters

**REMARKS: RECOMMENDED ZONING**

Use zone(s) identified as: PWS38, PWS42 & PWS52

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 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. All zones within a survey sheet may not have the same order of applicable tide stations.

-----  
*D. S. Hall*  
CHIEF, OPERATIONAL ANALYSIS BRANCH



Final tide zone node point locations for OPR P125-RA-97,  
Sheet H-10776.

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 PWS38			
-147.78401 60.368002	945-4691	0	1.00
-147.766126 60.390181	945-4794	0	0.98
-147.638164 60.475795	945-4729	0	0.99
-147.643214 60.497618			
-147.595271 60.527063			
-147.560712 60.570642			
-148.101183 60.592465			
-148.114598 60.574838			
-148.128786 60.481602			
-148.012385 60.476742			
-148.011446 60.457767			
-148.054039 60.428791			
-148.006895 60.382627			
-148.00016 60.375912			
-147.78401 60.368002			
Zone PWS42			
-148.101183 60.592465	945-4794	0	0.99
-147.93198 60.657934	945-4729	0	1.00
-147.957558 60.686216	945-4691	0	1.01
-148.000248 60.724243			
-148.149283 60.748856			
-148.18628 60.710814			
-148.164093 60.631914			
-148.158371 60.62628			
-148.140411 60.624813			
-148.135079 60.580714			
-148.114598 60.574838			
-148.101183 60.592465			
Zone PWS52			
-147.93198 60.657934	945-4794	0	0.98
-147.957558 60.686216	945-4729	0	0.99
-147.848006 60.693887	945-4691	0	1.00
-147.48158 60.72734			
-147.456957 60.723688			
-147.422995 60.72893			
-147.385582 60.690765			

-147.416199 60.672546  
-147.441099 60.63539  
-147.474131 60.622033  
-147.560712 60.570642  
-148.101183 60.592465  
-147.93198 60.657934