



**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-10773

LOCALITY: Northwest Prince William Sound, AK

TIME PERIOD: Sep 2 - Oct 18, 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

TIDE STATION USED: 945-4818 Blue Fjord  
Lat. 60° 29.5'N Lon. 148° 14.7'W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.407 meters

TIDE STATION USED: 945-4951 Kings Bay Inside  
Lat. 60° 27.4'N Lon. 148° 39.9'W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.418 meters

REMARKS: RECOMMENDED ZONING  
Use zone(s) identified as: PWS39, PWS42 & PWS43  
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.

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*[Signature]*  
CHIEF, OPERATIONAL ANALYSIS BRANCH



Final tide zone node point locations for OPR P125-RA-97,  
Sheet H-10773.

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 PWS39				
-148.114598	60.574838	945-4818	0	1.00
-148.135079	60.580714	945-4794	0	1.01
-148.237563	60.621003	945-4951	0	1.00
-148.288683	60.597501			
-148.274604	60.483349			
-148.296492	60.428791			
-148.133173	60.449775			
-148.114598	60.574838			
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 PWS43				
-148.135079	60.580714	945-4794	0	1.00
-148.140411	60.624813	945-4818	0	0.99
-148.158371	60.62628	945-4729	0	1.00
-148.164093	60.631914			
-148.18628	60.710814			
-148.149283	60.748856			
-148.234314	60.759316			
-148.241973	60.755184			
-148.259058	60.743334			
-148.264789	60.700742			
-148.247722	60.68983			
-148.237563	60.621003			
-148.135079	60.580714			