



**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-10781

LOCALITY: Northwest Prince William Sound, AK

TIME PERIOD: Sep 24 - Oct 18, 1997

TIDE STATION USED: 945-4794 Applegate Island  
Lat.  $60^{\circ} 37.4'N$  Lon.  $148^{\circ} 09.9'W$

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.  $60^{\circ} 29.5'N$  Lon.  $148^{\circ} 14.7'W$

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.  $60^{\circ} 27.4'N$  Lon.  $148^{\circ} 39.9'W$

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: PWS40, PWS41 & PWS41A  
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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CHIEF, OPERATIONAL ANALYSIS BRANCH



Final tide zone node point locations for OPR P125-RA-97,  
Sheet H-10781.

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 PWS40				
-148.288683	60.597501	945-4818	0	1.00
-148.380845	60.567284	945-4951	0	1.00
-148.466181	60.516083	945-4794	0	1.01
-148.296492	60.428791			
-148.274604	60.483349			
-148.288683	60.597501			
Zone PWS41				
-148.380845	60.567284	945-4951	0	1.00
-148.394499	60.600858	945-4818	0	1.00
-148.534449	60.567284	945-4794	0	1.01
-148.466181	60.516083			
-148.380845	60.567284			
Zone PWS41A				
-148.534449	60.567284	945-4951	0	1.00
-148.789986	60.446154	945-4818	0	1.00
-148.68369	60.398869	945-4794	0	1.01
-148.466181	60.516083			
-148.534449	60.567284			