



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-10778

LOCALITY: Northwest Prince William Sound, AK

TIME PERIOD: Sep 17 - Oct 29, 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: 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.



CHIEF, OPERATIONAL ANALYSIS BRANCH



Final tide zone node point locations for OPR P125-RA-97,
H-10778.

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				
-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			