



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
National Ocean Service  
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : May 9th, 2005

HYDROGRAPHIC BRANCH: Pacific  
HYDROGRAPHIC PROJECT: OPR-P132-RA-2004  
HYDROGRAPHIC SHEET: H11348

LOCALITY: Tongue Point to Sawmill Bay, Prince William Sound, AK  
TIME PERIOD: August 22 - September 13, 2004

TIDE STATION USED: 945-4240 Valdez, AK  
Lat. 61 7.5' N Long. 146 21.7' W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.417 meters

TIDE STATION USED: 945-4374 Busby Island, AK  
Lat. 60 53.9' N Long. 146 46.9' W  
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.360 meters

MARKS: RECOMMENDED ZONING

Use zone(s) identified as: PWS67 & PWS68

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 on the 1983-2001 National Tidal Datum Epoch (NTDE).

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 file (\*.ZDF). 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 V. Meo 5/16/05*  
CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



**Final tide zone node point locations for OPR-P132-RA-2004, H11348**

Format: Tide Station (in recommended order of use)  
 Average Time Correction (in minutes)  
 Range Correction  
 Longitude in decimal degrees (negative value denotes Longitude West)  
 Latitude in decimal degrees

	Tide Station Order	AVG Time Correction	Range Correction
Zone PWS67	945-4374	0	1.00
-147.1433 60.855198	945-4240	0	0.98
-147.025646 60.885186			
-146.948102 60.925559			
-146.928717 60.942475			
-146.835761 61.066624			
-146.749176 61.076016			
-146.741526 61.049043			
-146.666789 61.03092			
-146.648105 61.018294			
-146.465267 60.987839			
-146.544989 60.924153			
-146.637467 60.902731			
-146.734514 60.910021			
-146.76628 60.881842			
-146.784771 60.8652			
-146.793773 60.859141			
-146.732848 60.815648			
-146.791093 60.808252			
-147.1433 60.855198			
Zone PWS68	945-4374	0	1.02
-146.741526 61.049043	9454240	0	1.00
-146.666789 61.03092			
-146.648105 61.018294			
-146.465267 60.987839			
-146.197016 61.066831			
-146.171659 61.092688			
-146.189008 61.137885			
-146.268432 61.14418			
-146.614604 61.146727			
-146.688437 61.099171			
-146.741526 61.049043			