



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : January 10, 2006

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-P132-RA-2005
HYDROGRAPHIC SHEET: H11350

LOCALITY: Galena Bay, Prince William Sound, AK
TIME PERIOD: September 4-October 3, 2005

TIDE STATION USED: Columbia Glacier, AK 945-4460
Lat. 61 01.4' N Long. 147 05.1' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.384 meters

TIDE STATION USED: Valdez, AK 945-4240
Lat. 61 07.5' N Long. 146 21.8' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.417 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: PWS67

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.

CHIEF, PRODUCTS AND SERVICES DIVISION



Final tide zone node point locations for OPR-P132-RA-2005, H11350

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
PWS67	945-4460	0	x0.99
	945-4240	0	x0.98
-147.1433 60.855198			
-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			