



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: August 8, 2003

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-P139-RA-2002
HYDROGRAPHIC SHEET: H11171

LOCALITY: Prince William Sound, AK
TIME PERIOD: August 10-September 12, 2002

TIDE STATION USED: 945-4713 LaTouche, AK
Lat. 60° 03.3'N Lon. 147° 54.4'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.255 meters

TIDE STATION USED: 945-4751 Guguak, AK
Lat. 60° 06.0'N Lon. 148° 02.3'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.242 meters

TIDE STATION USED: 945-4814 Point Elrington, AK
Lat. 59° 56.4'N Lon. 148° 13.8'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.005 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: PWS8, PWS9, PWS10 & PWS11.

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 new 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 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.

Thomas V. Mero 8/8/03

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-P139-RA-2002, H11171

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 PWS8	945-4814	0	1.01
	945-4713	0	0.92
-148.101438 59.961313			
-148.094537 59.979726			
-148.1278 59.99291			
-148.112097 60.017595			
-148.151278 60.013188			
-148.193595 60.024143			
-148.271815 60.024853			
-148.27125 60.013442			
-148.211626 59.97828			
-148.183105 59.976066			
-148.179621 59.968014			
-148.162288 59.945242			
-148.101438 59.961313			
Zone PWS9	945-4751	0	0.95
-148.193595 60.024143			
-148.157324 60.05723			
-148.106931 60.043031			
-148.112097 60.017595			
-148.151278 60.013188			
-148.193595 60.024143			
Zone PWS10	945-4751	0	0.97
-148.157324 60.05723			
-148.114404 60.085813			
-148.074387 60.074452			
-148.106931 60.043031			
-148.157324 60.05723			
Zone PWS11	945-4751	0	1.00

-148.019764 60.1216
-148.079931 60.136795
-148.111312 60.10923
-148.114404 60.085813
-148.074387 60.074452
-148.053859 60.084375
-148.035663 60.088777
-148.031978 60.098669
-148.030979 60.107587
-148.019764 60.1216