TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: August 8, 2003

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-P139-RA-2002
HYDROGRAPHIC SHEET: H11008

LOCALITY: Prince William Sound, AK
TIME PERIOD: July 9-September 7, 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: 945-4814 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: CA132, CA133, CA134, PWS18, PWS19 & PWS20.

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.

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION

Final tide zone node point locations for OPR-P139-RA-2002, H11008

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 CA132	945-4814	0	0.97
	945-4713	0	0.88
-147.929815 59.782623			
-147.816056 59.639479			
-147.734568 59.418061			
-147.543153 59.575629			
-147.164142 59.751839			
-146.592643 59.945967			
-147.100914 59.935473			
-147.133984 59.910203			
-147.253795 59.844969			
-147.493381 59.807049			
-147.777585 59.807746			
-147.885989 59.791454			
-147.929815 59.782623			
Zone CA133	945-4814	0	0.98
	945-4713	0	0.90
-147.929815 59.782623			
-148.655827 59.530663			
-148.603903 59.224053			
-148.703502 59.019171			
-148.321708 58.755213			
-148.087103 58.942309			
-147.853081 59.199026			
-147.734568 59.418061			
-147.816056 59.639479			
-147.929815 59.782623			
Zone CA134	945-4814	0	0.98
	945-4713	0	0.90
-148.655827 59.530663			

-147.929815 59.782623
-148.046435 59.859656
-148.249602 59.93478
-148.445818 59.954138
-148.463554 60.035154
-148.996033 60.050061
-149.070356 59.957131
-148.826452 59.763477
-148.655827 59.530663

Zone PWS18	945-4814	0	1.01
	945-4713	0	0.92

-147.891299 59.856319
-147.959905 59.90201
-148.039826 59.940341
-148.101438 59.961313
-148.162288 59.945242
-148.071736 59.911068
-147.992521 59.877344
-147.897663 59.822389
-147.891299 59.856319

Zone PWS19	945-4814	0	0.98
	945-4713	0	0.90

-148.249602 59.93478
-148.23717 59.938853
-148.202462 59.937466
-148.162288 59.945242
-148.071736 59.911068
-147.992521 59.877344
-147.897663 59.822389
-147.885989 59.791454
-147.929815 59.782623
-148.046435 59.859656
-148.249602 59.93478

Zone PWS20	945-4814	0	1.03
	945-4713	0	0.94

-147.891299 59.856319
-147.85719 59.871259
-147.872402 59.912061
-147.964395 59.962459
-148.039826 59.940341
-147.959905 59.90201
-147.891299 59.856319