



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: February 16, 1999

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: OPR-0340-RA

HYDROGRAPHIC SHEET: H-10816

LOCALITY: Sherman Rock to Eldred Rock, Alaska

TIME PERIOD: May 28 - June 22, 1998

TIDE STATION USED: 945-2400 Skagway, AK

Lat. 59° 27.0'N Lon. 135° 19.5'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.799 meters

TIDE STATION USED: 945-2346 Cove Point Berner's Bay, AK

Lat. 58° 45.1'N Lon. 135° 01.7'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.642 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: SEA2, SEA2C.

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.

Thomas V. Mero 2/17/99

CHIEF, REQUIREMENTS AND ENGINEERING BRANCH



Final tide zone node point locations for OPR O340-RA-98,
Sheet H-10816.

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 SEA2				
-135.44689	59.072625	945-2400	-6	0.99
-135.342726	58.841529			
-135.097316	58.8506			
-135.105993	59.11054			
-135.306731	59.082928			
-135.341223	59.121611			
-135.44689	59.072625			
Zone SEA2C				
-135.342726	58.841529	945-2346	0	1.00
-135.251564	58.71479	945-2400	-6	0.98
-135.242336	58.71455			
-135.240272	58.713237			
-135.237748	58.712998			
-135.236142	58.713913			
-135.229022	58.71369			
-135.232545	58.703532			
-135.23534	58.648165			
-134.858495	58.655566			
-134.872447	58.779834			
-135.005747	58.780125			
-135.021589	58.795222			
-135.097316	58.8506			
-135.342726	58.841529			