



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-10810

LOCALITY: Anyaka Island to Glacier Point, Alaska

TIME PERIOD: May 6 - June 19, 1998

TIDE STATION USED: 945-2400 Skagway, AK

Lat. $59^{\circ} 27.0'N$ Lon. $135^{\circ} 19.5'W$

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

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.799 meters

TIDE STATION USED: 945-2421 Chilkat Inlet

Lat. $59^{\circ} 10.2'N$ Lon. $135^{\circ} 24.0'W$

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

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.722 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: SEA1L, SEA2, SEA2A.

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 0340-RA-98,
Sheet H-10810.

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 SEA1L				
-135.303335	59.200565	945-2400	-6	1.00
-135.387161	59.18722			
-135.341223	59.121611			
-135.306731	59.082928			
-135.105993	59.11054			
-135.270989	59.19686			
-135.289805	59.19791			
-135.303335	59.200565			
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 SEA2A				
-135.430336	59.213684	945-2421	0	1.00
-135.458521	59.195675	945-2400	-6	1.00
-135.493123	59.183157			
-135.44689	59.072625			
-135.341223	59.121611			
-135.387161	59.18722			
-135.430336	59.213684			