



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: February 6, 2001

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-O309-RA-2000
HYDROGRAPHIC SHEET: H-10985

LOCALITY: Icy Bay, AK
TIME PERIOD: August 24 - September 11, 2000

TIDE STATION USED: 945-3444 Kichyatt Point, AK
Lat. $60^{\circ} 1.6'N$ Lon. $141^{\circ} 22.1'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.743 meters

TIDE STATION USED: 945-3456 Riou Bay, AK
Lat. $59^{\circ} 54.6'N$ Lon. $141^{\circ} 24.8'W$
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.714 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: IB1, IB2, IB3 & CA1

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 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.

Note 2: Yakutat, AK was used for datum control in this hydrographic survey. Accepted datums for this station have been updated recently due to anomalous sea level trends to land emergence resulting from glacial retreat. Therefore, the accepted datums at Yakutat, AK (945-7292) are based on the 1994-1998 update of Mean Sea Level (MSL) on the 1960-1978 Epoch.





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Thomas V. New 2/6/01

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



Final tide zone node point locations for OPR-0309-RA-2000,
Sheet H-10985.

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 IB1	945-3444	0	0.99
-141.385043 59.927728			
-141.432581 59.920789			
-141.481121 59.945734			
-141.553267 59.96939			
-141.539785 60.002554			
-141.374109 60.023922			
-141.326724 60.026372			
-141.28532 60.02392			
-141.192727 59.969016			
-141.245646 59.926377			
-141.395146 59.904807			
-141.385043 59.927728			
Zone IB2	945-3456	0	0.99
-141.385043 59.927728	945-3444	0	0.98
-141.432581 59.920789			
-141.440576 59.920275			
-141.47064 59.908234			
-141.454772 59.888008			
-141.426092 59.875039			
-141.395146 59.904807			
-141.385043 59.927728			
Zone IB3	945-3444	0	1.00
-141.374109 60.023922			
-141.410872 60.057592			
-141.378875 60.060717			
-141.349084 60.060348			
-141.329219 60.059063			
-141.300765 60.051415			
-141.279281 60.035475			

-141.28532 60.02392
-141.326724 60.026372
-141.374109 60.023922

Zone CA1

945-3444

-6

0.99

-141.333441 59.854078
-141.481205 59.832576
-141.692756 59.801746
-142.2432 59.790485
-142.91907 59.821741
-143.627548 59.885509
-143.939518 60.001806
-142.560678 60.165494
-141.553267 59.96939
-141.481121 59.945734
-141.432581 59.920789
-141.440576 59.920275
-141.47064 59.908234
-141.454772 59.888008
-141.426092 59.875039
-141.333441 59.854078