



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: May 5, 2005

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-O193-FA-2004
HYDROGRAPHIC SHEET: H11335

LOCALITY: Western Rudyerd Bay
Behm Canal, AK

TIME PERIOD: October 12 - November 3, 2004

TIDE STATION USED: 945-0460 Ketchikan, AK
Lat. 55° 20.0'N Lon. 131° 37.5'W

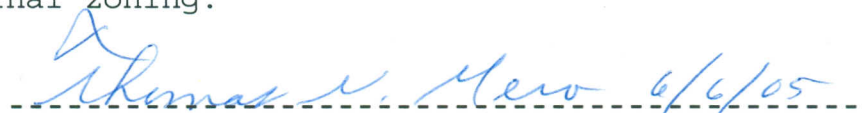
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 4.433 meters

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: SA78, SA79 & SA80

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: The Fairweather was unable to conduct closing levels at the subordinate gauge, Rudyerd Bay (945-0651). Therefore Rudyerd Bay cannot be used for tide correction. The control water level station at Ketchikan (945-0460) is used as the reference station for the purpose of providing tide correction. The gauge at Rudyerd Bay was used for final zoning.



CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION

Final tide zone node point locations for OPR-O193-FA-2004, H11335

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 SA78	945-0460	0	1.01
-131.052527 55.356473			
-131.053306 55.442747			
-130.991892 55.591159			
-130.947613 55.563204			
-130.873177 55.564335			
-130.869921 55.542466			
-130.855183 55.433649			
-130.864215 55.342746			
-130.956111 55.341884			
-131.052527 55.356473			
Zone SA79	945-0460	0	1.03
-131.145968 55.865529			
-130.995951 55.640537			
-130.991892 55.591159			
-130.947613 55.563204			
-130.873177 55.564335			
-130.892866 55.696589			
-130.91105 55.729996			
-131.06462 55.893477			
-131.145968 55.865529			
Zone SA80	945-0460	0	1.03
-130.873177 55.564335			
-130.74451 55.605122			
-130.722106 55.587451			
-130.689265 55.552208			
-130.759993 55.539985			
-130.778434 55.520475			
-130.869921 55.542466			
-130.873177 55.564335			