

Tide Correctors

Tidal zoning and correctors applicable to predicted tides for the Sitka, Alaska, reference station (945-1600) were provided on the Tidal Zoning Chart accompanying the Project Instructions and are shown below:

<u>Zone</u>	<u>Time Correctors</u>	<u>Range Ratio</u>
1. West from a line defined by the points, 58°18'13"N, 136°22'25"W, 58°12'55"N, 136°21'40"W to a line defined by the points, 58°14'40"N, 136°34'15"W 58°07'18"N, 136°26'45"W	Direct	x1.13
2. West from a line defined by the points, 58°14'40"N, 136°34'15"W 58°07'18"N, 136°26'45"W to 136°40'00"W	Direct	x1.07

Survey sheet RA-20-1E-91 used the tidal zone 1 corrector, while RA-20-1W-91 used the zone 2 corrector. HDAPS listings of the data used in generating tide corrector tables are included in Appendix V of this report. *

Tide gages were installed and maintained by RAINIER personnel at stations in Inian Cove (945-2629) and in Elfin Cove (945-2634). The tide station descriptions, field tide records, and Field Tide Notes have been forwarded to N/OMA1212 in accordance with HSG 50 and FPM 4.3. Requests for approved tides have been forwarded to N/OMA12. Copies of the Field Tide Notes and the request for approved tides are included in Appendix V. *

* Approved tides have been applied. See attached Tide note for this Hydrographic Survey.