

## Tide Correctors

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

<u>Zone</u>	<u>Time Corrections</u>	<u>Ratio</u>
East of line between 58°21'20"N, 136°05'20"W 58°18'50"N, 136°03'35"W	High water: +10 min Low water: +15 min	x1.54
West of line defined above to line between 58°20'40"N, 136°08'50"W 58°17'45"N, 136°07'00"W	High water: +10 min Low water: +10 min	x1.47 ✓
West of line defined above:	High water: +10 min Low water: +10 min	x1.40

Although all three zones encompass parts of the survey area, the majority of data for field sheet RA-10-2E-90 was acquired within the first zone. Correctors from this zone were applied to soundings acquired throughout RA-10-2E-90. Similarly, the majority of data acquired for field sheet RA-10-2W-90 was encompassed by the second zone. Correctors from the second zone were applied throughout RA-10-2W-90. Printouts of the HDAPS Predicted Tide Tables used to generate tide correctors are appended to this report. ✱ ✓

Tide gages were installed and maintained by RAINIER personnel at stations on the east side of Lemesurier Island (945-2568) and at Point Adolphus (945-2516). The field tide records and the Field Tide Notes for these stations have been forwarded to N/OMA121 in accordance with Hydrographic Survey Guideline No. 50 and Section 4.3 of the Field Procedures Manual (FPM). The request for approved tides has been forwarded to N/OMA121. Copies of the Field Tide Notes and the request for approved tides are appended to this report. ✱ ✓