

Tide Correctors ✓

Tidal zoning and correctors applicable to predicted tides for the Sitka, Alaska (945-1600) and Juneau, Alaska (945-2210) reference tide stations 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>	<u>Reference</u>
West of line between Pt. Adolphus and 58°23'36"N, 135°48'12"W to line below	Direct	x0.87	Juneau
South of line between 58°16'30"N, 135°49'50"W and Pt. Carolus to line below	High water: +10 min Low water: +15 min	x1.54	Sitka
West of line between 58°12'35"N, 135°58'20"W and southeastern tip of Lemesurier Island	High water: +10 min Low water: +10 min	x1.47	Sitka

Although all three zones encompass the survey area, the majority of data was acquired within the second zone. Therefore, the correctors from this zone were applied to all soundings. 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 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 HSG 50 and FPM 4.3. Requests for approved tides have been forwarded to N/OMA121. Copies of the Field Tide Notes and the requests for approved tides are appended to this report. *Filed with the hydrographic data. Approved tide note is attached to this report.*