

## Predicted Tides ✓

All survey soundings are reduced to MLLW, based on predicted tides at the Kodiak, Alaska reference tide station (945-7292) and the tidal zone correctors provided in the Project Instructions. The following two zone correctors for the Kodiak tide station encompass the survey area:

<u>Applicable Area</u>	<u>Time Correction</u>		<u>Height Ratio</u>
	<u>High Water</u>	<u>Low Water</u>	
North of latitude 56°55.0'N	+ 20 min	+ 40 min	x1.28
South of latitude 56°55.0'N	+ 20 min	+ 40 min	x1.20

To aid in shipboard data acquisition and processing, only the correctors for the southern zone were applied to the survey data. Field tide records have been forwarded to N/OMA 121, in accordance with Hydrographic Survey Guideline #50 and the PMC OORDER.

A tide station was established at Derickson Island (945-8522) and maintained by RAINIER personnel. Another tide station was installed on Ugaiushak Island with the intention of beginning hydrography on sheet G. RAINIER did not acquire any survey data for that sheet; however, the tide gage data may be applicable to this survey. The Field Tide Note for these stations is included in Appendix II of this report. A request for approved tides has been forwarded to N/OMA 121 (Appendix IX). *Filed with the hydrographic data.*