

Tide Correctors

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 from 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 OPORDER. *Approved zoning was applied to the smooth sheet during processing.*

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 data may be applicable to this survey. The Field Tide Note is included in ~~Appendix II~~ of this report. A request for approved tides has been forwarded to N/OMA 121. ~~(Appendix IX)~~. *Approved hourly heights goned from Derickson Island Alaska tide gage only were used during processing.* The Field Tide Note and request are filed with hydrographic data.