

Tide Correctors

Tide correctors for this survey were provided by the Sea and Lake Levels Branch (Appendix XIII). These predicted tides proved inadequate as evidenced by inconsistencies when comparing mainscheme soundings to the adjacent 100 meter splits run on a different day. After examining the data from the tide gages installed for the project more suitable correctors were developed for use on this survey. The correctors apply to predicted tides for Black Rock, Walrus Islands, Alaska (946-5182). The method for determining the new zoning is discussed in detail in the Field Tide Note (Appendix II).

<u>Applicable Area</u>	<u>Tide Correctors</u>		<u>Height Ratio</u>
	<u>High Water</u>	<u>Low Water</u>	
East of longitude 160°50'W	+ 50 min	+ 50 min	x0.85
West of longitude 160°50'W	+1h 05 min	+1h 05 min	x0.85

Tide stations were established and operated continuously at Summit Island (946-5283), East Togiak (946-5346), West Togiak (946-5359), Hagemeister Island (946-5234), and Matogak River (946-5285) for the survey. A request for approved tides has been filed (Appendix XI). Field tide records have been forwarded to N/OMA121, in accordance with Hydrographic Survey Guideline #50 and the PMC OPORDER.