

Tide Correctors

Tide correctors for the project were found in the Tide Table 2 of the published predicted tides for the Juneau, Alaska, reference station (945-2210). Correctors for Port Houghton, Robert Islands were used for this survey. Tidal correctors are:

	<u>TIME</u> (mins)	<u>HEIGHT</u> (ft)
Low Water	-0.17	-0.1
High Water	-0.21	-0.8

HDAPS listings of the data used in generating tide corrector tables are included in Appendix V^{*} of this report.

Tide gages were installed and maintained by RAINIER personnel at The Brothers, Frederick Sound (945-1785), Port Houghton, Stephens Passage (945-1771), Port Houghton (Inside), Stephens Passage (945-1798), and a temporary station inside the salt chuck (945-1817). The control station was Juneau, Alaska (945-2210). Opening levels for the control station were completed by RAINIER personnel on April 2, 1993. Closing levels were completed by RAINIER personnel on April 16, 1993.

The station descriptions, field tide records, and Field Tide Notes will be forwarded to N/OES212, in accordance with HSG 50 and FPM 4.3, at the end of the project. Requests for approved tides will be forwarded to N/OES2. *Approved tides were used for the smooth sheet for the reduction of sdngs.*