

## Tide Correctors ✓

Predicted tides for the project were provided on diskette for HDAPS by N/CG241 for the Juneau, Alaska reference station (945-2210).

Tidal correctors for Port Houghton applied to the predicted tides at Juneau, as listed in table 2 of the West Coast of North and South America Tide tables for this sheet are:

	<u>Time Correction</u>	<u>Height Correction</u>
High Water	-0:21	-0.8 ft
Low Water	-0:17	-0.1 ft

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

RAINIER personnel installed 8200 digital gages at The Brothers (945-1785) on April 11, 1995 and Cannery Cove (945-1781) on May 2, 1995. The staff was connected to five benchmarks at each station during all level runs. Opening levels were completed at The Brothers on April 12, 1995 and Cannery Wharf on May 2, 1995. Both tide gages operated continuously during data acquisition. Closing levels were completed at The

\* Filed with the hydrographic data.

Brothers and Cannery Cove on May 17, 1994. During closing levels at Cannery Cove, the difference in elevation agreed to within 0.001m. The difference between opening and closing levels was 0.006m. The section that exceeded 0.003m between opening and closing levels, staff to 1781B, was re-run and closed to within 0.001m. During closing levels at The Brothers, the difference in elevation agreed to within 0.002m. The difference between opening and closing levels was 0.006m. The sections that exceeded 0.003m between opening and closing levels, staff to 1785B and 1785D to 1785E, were re-run and closed to within 0.000m.

The station descriptions, field tide records, and Final Field Tide Notes (Appendix V)\* have been forwarded to N/OES212 in accordance with HSG 50 and FPM 4.3. The final tide package has been forwarded to N/OES212. A request for approved tides was forwarded to N/OES2 in accordance with FPM 4.2.3. Approved Tide Note dated August 25, 1995 is attached.