

Tide Correctors ✓

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

Tidal correctors that were 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:

Time Correction		Height Correction	
<u>High</u>	<u>Low</u>	<u>High</u>	<u>Low</u>
0.03	-0.02	-1.9	-0.1

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

RAINIER personnel installed a 8200 digital tide gage 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 Cove on May 2, 1995. Both tide gauges operated continuously during data acquisition. During closing levels at Cannery Cove, the difference 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 0.002m. During closing levels at The Brothers, the difference in elevation agreed to within 0.002m. 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. Although the Cannery Cove gauge was not in operation for the full thirty days, the gauge at The Brothers ran continuously for more than the thirty day

* Filed with the hydrographic data.

period.

The station descriptions, field tide records, and Field Tide Notes (Appendix V^{*}) have been forwarded to N/OES212 in accordance with HSG 50 and FPM 4.3 . 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.*