

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 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>
-0:21	-0:17	-0.8	-0.1

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

RAINIER personnel installed an 8200 digital gage at The Brothers (945-1785) on April 11, 1995. The staff was connected to five benchmarks at during both opening and closing level runs. Opening levels were completed on April 12, 1995. The tide gage operated continuously during data acquisition. Closing levels were completed on May 17, 1995. During closing levels 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 within 0.000m.

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.