

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:

	<u>Time Correction</u>	<u>Height Correction</u>
High Water	-0 03	-1.4 ft
Low Water	+0 04	-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 Good Island (945-1909) and Cannery Wharf (945-1906) on April 10, 1995 and at The Brothers (945-1785) on April 11, 1995. The staff was connected to five benchmarks at each station during all level runs. Opening levels were completed on April 12, 1995 at Good Island and The Brothers and on April 13, 1995 at Cannery Wharf. On April 13, 1995, it was discovered that the tide gage at Cannery Wharf had not been recording the data and the gage was immediately replaced. Except for the period mentioned above, all tide gages operated continuously during data acquisition. Closing levels were completed at Cannery Wharf on May 13, 1995; Good Island on May 14, 1995; The Brothers on May 17, 1995. The difference in elevations of all bench marks agreed within 0.002m of those determined during opening levels at Cannery Wharf and Good Island. 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 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 September 14, 1995 is attached.

* Filed with the hydrographic data.