

Tide Correctors ✓

Predicted tides for the project were provided on diskette by N/OES334 through N/CG241 for the Juneau, Alaska reference station (945-2210). Tidal correctors as provided in the project instructions for H-10673 are:

Zone	Time Correction	Height Correction
18	-0 hr 6 min	X0.88
19	-0 hr 12 min	X0.87

Note: N/OES231 provided the above tide zones and correctors in an unofficial change to the Project Instructions dated April 4, 1996 (included in Miscellaneous Correspondence). The majority of this survey is in Zone 19 with the northwestern corner of the survey in Zone 18. Since this change was received after data collection for this survey had begun, the hydrographer used Zone 19. Change No 2. explains predicted tide zoning in detail.

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

Ketchikan, AK (945-0460) was used as the primary control station for datum determination at all subordinate stations.

RAINIER personnel installed an 8200 digital gage at Cannery Cove, Pybus Bay (945-1781) on April 1, 1996, and The Brothers (945-1785) on April 2, 1996. Each tide staff was connected to five bench marks during the opening level runs on April 1-2, 1996. Both tide gages collected data continuously without problems during data acquisition. After data collection was completed, closing levels were conducted at Cannery Cove, Pybus Bay on April 27, 1996 and The Brothers on May 2, 1996.

The station descriptions, field tide records, preliminary field tide notes and data (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/OES23 in accordance with FPM 4.2.3. *Approved Tide Note, dated Sept 12, 1996 is attached.*