

## Tide Correctors ✓

Predicted tides for the project were provided on diskette by N/OES334 through N/CS31 for the Cordova, Alaska reference station (945-4050). Tidal correctors as provided in the project instructions for H-10636 are:

Time Correction	Height Correction
0 hr 0 min	X0.96

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

Valdez, AK (945-4240) was used as the primary control station for datum determination at all subordinate stations.

*\* Filed with the survey records.*

RAINIER personnel installed an 8200 digital gage at Perry Island, South Bay (945-4721), and Cochrane Bay (945-4851) on August 22, 1995. The Perry Island staff was connected to five bench marks during the opening levels run on August 22, 1995, and during closing levels conducted on October 31, 1995. The tide gage ran without problems during data acquisition.

The Cochrane Bay staff was connected to five bench marks during the opening levels run on August 24, 1995, and closing levels run on October 17 and 19, 1995. The regulator was replaced at the Cochrane Bay tide gage on October 12, 1995 due to a dropping delivery pressure. In addition, higher than usual staff-to-gage differences were noticed on October 17, 1995, when closing levels were conducted. The gage was replaced on October 19, 1995, but staff-to-gage differences remained unstable. Upon removing the gage on October 21, it was observed that the orifice had been disturbed and the orifice tubing damaged. A graph of the tide data shows a normal pattern until October 15, when it is believed the orifice tubing was vandalized.

The station description, field tide record, preliminary field tide note 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 April 18, 1986 is attached.