

Tide Correctors

Predicted tides for the project were provided on diskette by N/OES334 for the Cordova, Alaska reference station (945-4050). ✓

Tidal correctors as provided in the project instructions for this sheet are:

<u>Time Correction</u>	<u>Height Correction</u> <u>Range Ratio</u>
0 hr 0 min.	X 0.96

✓

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 Columbia Bay (945-4476) and Storey Island (945-4553) on September 4, 1994. Opening levels to the staff and all bench marks were conducted upon installation. A new staff was installed and leveled at Columbia Bay, when the staff was destroyed by ice on September 9. Columbia Bay tide data were continuous from installation to September 6, when the orifice tubing was removed by ice. The orifice was reinstalled on September 6 and the gage ran continuously through September 18, when it was again destroyed by ice. On September 21, 1994, the orifice was repaired and a secondary gage and orifice was installed at Columbia Bay. Tide data were collected continuously at Storey Island during data acquisition. On September 21, 1994, a new station was installed on the north side of Storey Island (945-4571) to serve as a secondary gage for Storey Island (945-4553). Opening levels were conducted on September 22. Bracketing levels were completed by RAINIER personnel at the end of September at all three gage sites. Closing levels were completed at the Columbia Bay gage on October 9, and the gages were removed on October 12. Due to the staff being destroyed at the first Storey Island gage (945-4553), closing levels were not conducted. Closing levels were completed at the secondary Storey Island gage (945-4571) on November 1. ✓

The control station was Valdez, Alaska (945-4240). Opening levels of the control station were performed by RAINIER personnel on September 16, 1994. Closing levels at Valdez, Alaska will be completed by RAINIER personnel on October 28, 1994. ✓