

Tide Correctors

Predicted tides for the project were provided on diskette by N/OES334 for the Ugaiushak, Alaska reference station (945-8553).

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.	X0.94

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

Two tide gages were installed by RAINIER personnel at Kumlik Island (945-8704) on May 26, 1994, DN 146. Two 8200 digital gages were placed at the site, and opening levels of the staff were conducted upon installation. A problem was noted during the initial three hour observation, the two gages' pressure readings were not in agreement. One gage had an improper slope and offset entered, while the other gage had pressure sensor problems. The slope and offset problem was corrected, and the gage was put back on line. The gage with the faulty pressure sensor was removed and returned to N/OES214. Bracketing levels were completed at the end of June, and closing levels will be completed by RAINIER personnel at the conclusion of the project.

RAINIER personnel installed an 8200 digital gage at Foggy Cape (945-8582) on June 4, 1994, DN 155. Opening levels were conducted upon installation. Only two of the three hours of opening observations were able to be completed due to inclement weather. Bracketing levels were completed at the end of June, and closing levels will be completed by RAINIER personnel at the conclusion of the project.

The control station was Sand Point, Alaska (945-9450). Opening levels of the control station were performed by RAINIER personnel on May 21 and 22, 1994. Closing levels at Sand Point, Alaska will be completed by the Pacific Operation Section N/OES214 during their annual visit in late July as per phone conversation with Mr. Mike Gibson (OES212).

* Filed with the hydrographic records.

The station description, field tide records, and Field Tide Note (Appendix V^{*}) will be forwarded to N/OES212 monthly in accordance with HSG 50 and FPM 4.3, and at the end of the project. A request for approved tides was forwarded to N/OES2 at the beginning of July. Approved Tide Note dated October 28, 1994 is attached.