

Tide Correctors

Tidal zoning and correctors applicable to predicted tides for the Juneau, Alaska tide station (945-2210) were provided on the chart accompanying the Project Instructions, and are shown below. ✓

<u>Zone</u>	<u>Time Corrections</u>	<u>Height Ratio</u>
East of line between Burger Point and 58 ⁰ 22'24"N, 135 ⁰ 29'00"W	None	x0.92
Between line defined above and line between Pt. Adolphus and 58 ⁰ 23'36"N, 135 ⁰ 48'12"W	None	x0.90

Although both zones encompass the survey area, the majority of data were acquired within the second zone. Therefore, the correctors from this zone were applied to all soundings. HDAPS listings of the data used in generating tide corrector tables are ~~appended to this report.~~ *filed with the survey records.*

In 1989, two tide gages were installed and maintained by RAINIER personnel at tide stations on the north side of Pleasant Island (945-2478) and at Pt. Adolphus (945-2516). In 1990, only the gages at Pt. Adolphus were installed and maintained. According to Section 5.8.4 of the Project Instructions, only the data from the Pt. Adolphus tide station applies to this survey. The field tide records and the Field Tide Notes for this station have been forwarded to N/OMA121 in accordance with Hydrographic Survey Guideline #50 and Section 4.3 of the Field Procedures Manual (FPM). Requests for approved tides have been forwarded to N/OMA121. Copies of the Field Tide Notes and the requests for approved tides are ~~appended to this report.~~ *filed with the survey records.*