

Tide Correctors

Tidal zoning and correctors applicable to predicted tides for the Sitka, Alaska, reference tide station (945-1600) were provided on the Tidal Zoning Chart accompanying the Project Instructions, and are shown below.

<u>Zone 1</u>	<u>Time Corrections</u>	<u>Ratio</u>
South of line between Pt. Carolus and 58°46'30"N, 135°49'50"W to line below	High water: +10 min Low water: +15 min	x1.54
<i>ZONE 2</i> West of line between 58°12'35"N, 135°58'20"W and southeastern tip of Lemesurier Island to line below	High water: +10 min Low water: +10 min	x1.47
<i>ZONE 3</i> West of line between 58°12'54"N, 136°04'12"W and 58°15'30"N, 136°05'45"W	High water: +10 min Low water: +10 min	x1.40

Although all three zones encompass parts of the survey area, the majority of data was acquired within the second zone. Therefore, the correctors from this zone were applied to all soundings. HDAPS listings of the data used to generate tide corrector tables are appended *ON the Field sheet.* to this report.*

Tide gages were installed and maintained by RAINIER personnel at stations on the east side of Lemesurier Island (945-2568) and at Point Adolphus (945-2516). The field tide records and the Field Tide Notes for these stations have been forwarded to N/OMA121 in accordance with HSG 50 and FPM 4.3. 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.