

Tide Correctors Reference Tide Note for approved tides dated Oct. 30, 1990 (attached).

Tidal zoning and correctors applicable to predicted tides for the Hagemeister Island, Alaska, reference tide station (946-5089) were provided in the Project Instructions, and are shown below for both H-10277 and AWOIS 51771. Examination of junctions and crosslines on adjacent surveys revealed the tidal zoning and corrections are inadequate.\*

Discrepancies will be resolved by N/CG241 per PMC message 0920402 AUG 90 (see Appendix VI). HDAPS listings of data used in generating tide corrector tables are included in Appendix V. (Filed with the Survey records)

\* Reference Page 4, Settlement and Squat and Offset Table No. 3 as affecting depth discrepancies.

Investigation Item

Time Corrections

Ratio

H-10277

High water: -0 hr 30 min

direct

Low water: -0 hr 30 min

AWOIS 51771

High water: -0 hr 30 min

x1.14

Low water: -0 hr 30 min

Tide gages were installed and maintained by RAINIER personnel at stations on the southeast side of Hagemeister Island (946-5089) and on the west side of High Island (946-5173). The field tide records and the Preliminary Field Tide Notes for these stations have been forwarded to N/OMA1212 in accordance with HSG 50 and FPM 4.3. Requests for approved tides have been forwarded to N/OMA12. Copies of the Preliminary Field Tide Notes and the requests for approved tides are included in Appendix V. (Filed with the Survey records).