

Tide Correctors ✓

Predicted tides for the project were provided on diskette by N/OES334 through N/CS31 for the Cordova, Alaska reference station (945-4050). Tidal correctors as provided in the original project instructions were ambiguous. The tide zones as described did not cover the entire survey area and overlapped in some areas. The zones were modified by phone conversation with William M. Gibson, N/OES231 on August 24, 1995 and described in Change Number 1 to Project Instructions. Tidal correctors used by RAINIER for this sheet differ slightly from Change Number 1, but since acquisition had already begun, RAINIER didn't change corrector tables. Tidal correctors used on this sheet are:

Definition of Applicable Area	Tide Table*	Height Correction	Time Correction
North of 60° 45' 30" N, Outside of Passage	1,11	X0.96	0 hr 0 min
Inside Passage, South of 60° 41' 30" N and between 60° 43' 48" N and 60° 45' 30" N	2,12	X0.94	0 hr 18 min
Inside Passage, between 60° 41' 30" N and 60° 43' 48" N	3,13	X0.92	0 hr 18 min

*Note: Tables 1-3 are for August, Tables 11-13 are for September.

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

Valdez, AK (945-4240) was used as the primary control station for datum determination at all subordinate stations.

RAINIER personnel installed 8200 digital gages at Perry Island, South Bay (945-4721) on August 22, 1995 and Long Bay Entrance, Culross Passage (945-4825) on August 24, 1995. The staff was connected to five benchmarks at both stations during opening levels. Opening levels were conducted August 22, 1995 at Perry Island and August 24, 1995 at Long Bay.

** Filed with the survey records.*

Both tide gages ran without problems during data acquisition.

The station descriptions, field tide records, preliminary field tide notes and data (Appendix V) have been forwarded to N/OES212 in accordance with HSG 50 and FPM 4.3. A request for approved tides was forwarded to N/OES23 in accordance with FPM 4.2.3.