

The tidal datum for this project is mean lower low water. The operating tide station at Adak, Alaska, (946-1380) served as control for datum determination at all subordinate stations. *Approved*  
*Tide Note dated September 24, 1993 is attached.*

Massacre Bay, Attu Island, Alaska, was the reference station for predicted tides. One zone was used for this survey; time and height correctors used are as follows:

	<u>Time</u> <u>corrector</u>	<u>Height</u> <u>corrector ratio</u>
High Tide	00:00	x1.03
Low Tide	-00:03	x1.03

The digitized soundings displayed online were compared in real time with the analog trace to ensure reasonable agreement. No on-line calibration adjustments were required for the Innerspace recorder.

Occasional breaks in the on-line echogram occurred when changes in range scale were required, especially where the bottom rose or fell steeply. These breaks are not considered significant unless greater than 6 mm at survey scale (Hydrographic Manual, Section 1.4.6) or they occurred over a shoal (potential missed peak), in which cases lines or sections of lines were re-surveyed.  
*Data was analyzed during office processing and found no significant problems.*

Depths encountered in the survey area ranged from <sup>0.9</sup>1-1 meters to 45 meters based on predicted tides.

*Smooth tides.*

\* Filed with the hydrographic<sub>5</sub> records.