

One bubbler gage at Upolu Point and the subordinate tide station at Hilo were in operation during all field operations. A separate ADR gage at Laupahoehoe Point was installed (1982) solely for zoning purposes. Tidal data generated by the operational gages were employed to zone the survey for office reduction of sounding data. Field tide reduction of soundings was based on predictions from Honolulu, Hawaii, corrected to Hilo, Hawaii.

Soundings on the smooth sheet are generally .2 to .3 fathoms shoaler than the final field sheet. Differences are attributed to the application of approved tidal zoning and velocity corrector changes. Greater differences are evident where rescanning of the fathograms and data selection were merited during verification.