1. INTRODUCTION

H-9983 is a basic survey conducted in accordance with Project Instructions OPR-T126-RA-82, Hawaiian Islands, dated June 11, 1981 and Change No. 1 dated July 13, 1981.

This survey is an inshore, open coastline survey, extending west approximately 15 nautical miles from Pauhau. The area is typically rocky inshore with depths greater than 100 fathoms approximately 1 nautical mile offshore.

Field tide reductions are based on predicted tides from Honolulu, Hawaii, corrected to Hilo, Hawaii. Tides used for reduction of final soundings are based on observations at Upolu Point (16-7737).

Velocity corrector tables were revised during processing for two reasons:

a. A 2.6 fathom draft correction was not used by the field in computing Table I.

b. Nansen cast data from 3 separate days and areas were averaged to result in correctors more representative than those derived in the field from casts on a single day in one area.

The signal list was revised during processing and corrected information is available in the descriptive report and smooth printout.