PISCES IV DIVE REPORT

Pilot T. Kerby Wt. ____ Dive # PIV-010
Observer C. Holloway (Pilot) Wt. ____ Date Oct. 31, 2000
Observer Title/Affil. ____

Observer ____ Wt. ____
Observer Title/Affil. ____

Dive Location Keahole Pt.
Lat. 19°42.7'N Long. 156°04.15'W
Purpose: (Research) Training Demo
Other: ____
Special Equipment:
Camera (type) Sony Digital
Manipulator HyCO
Other Sediment Scoops, Niskin Bottle, Box Core.
Support Vessel R/V Kaimikai-O-Kanaloa

Time of Dive 1044
Time of Surface 1657
Time Submerged 6:13
Time Thru Last Dive 49:43
Total Time to Dive 55:56
Dive Depth 850 m
Water Depth 850 m
Water Temp. 4°c @850 m
Visibility ____
ABT # at Neutral ____
Captain Bob Hayes

Dive Results/Remarks: ONR site survey and sampling. 1129 Land on a steep rock and sand bottom. Move downslope to the West SouthWest to 800 m. 1154 Locate marker #45 at 800 m. 1158 Trip Niskin bottle. Take box core sample. Move downslope from #45 10 meters. Take sediment scoop #9. Move downslope 10 m. Take sediment scoop #2. Move downslope 10 m. Take Sediment scoop #1. Move back up to Marker #45 from 825 m and move to the North West. 1325 785 m. Locate an old mooring anchor block. 1341 800 m Moving across a large barren area clear of boulders and other geologic features that would be unfeverable ~~25~~ a deployment site for the ONR CO_2 dispersal system. 1356 Samples ~~downslope~~ from 800 m. 805 m Sediment scoop #8. 1410 Move ~~down~~ up slope. 795 m Take scoop #5. Move upslope 10m. Take scoop #4. 850 m take Sonar scans to SE and NW. Move to the East to 750 m. Locate another anchor block at 823 m in transit East. This is a block from the NIVA current meter array that was recovered this morning. Move to SE at 750 m. Move E. to 700 m. Contour NW at 700 m. 1615 Leave the bottom from 700 m.

~~Equipment Deficiencies:~~

Pilot T. Kerby Date 10/31/00

Ops. Mgr. [signature] Date 10/31/00