PISCES/V DIVE REPORT

Pilot Terry Kerby Wt. ____ Dive # PIV-117
Observer Max Cremer Wt. ____ Date November 28, 2003
Observer Title/Affil. HURL

Observer Eric Vetter Wt. ____
Observer Title/Affil. Hawaii Pacific University

Dive Location Kaneohe Submarine Canyons
Lat. 21°29.967'N Long. 157°44.978'W
Purpose: (Research) (Training) Demo
Other:
Special Equipment:
Camera (type) Sony digital -
Manipulator
Other
Support Vessel R/v Kaimikai-O-Kanaloa

Time of Dive 0806
Time of Surface 1540
Time Submerged 7:34
Time Thru Last Dive 862:49
Total Time to Dive 870:23
Dive Depth 448m
Water Depth 448m
Water Temp. 4.7°c @ 448m
Visibility
ABT # at Neutral
Captain Ross Barnes

Dive Results/Remarks: Kaneohe Submarine canyon survey dive. 0843 Land in a steep rocky area next to a rock wall. Move to base of canyon. 0904 Begin transect at 440m. Downslope current creating very poor visibility. Bottom not visible 1.5m from bottom 0929 387m. Start and cancel 2 transects due to poor visibility. 1002 358m Using sonar to move up center of canyon to the Southwest. 1045 352. Stop to wait for visibility to clear but downslope current does not abate. Observe large algae bundles rolling downslope with the current. These algae bundles show up clearly on the sonar in high resolution mode. One large bundle casting a well defined sonar shadow rolls close enough to the sub that we are able to get a look at it to confirm that the moving sonar targets are tumbling algae bundles. 1052 Conduct a bait station with bait in core box. Many shrimp. Deploy bait trap on top of sample box to prevent losing it. Collect many shrimp. 1329 Collect mud cores. 1436 Moving around in the canyon floor to locate a good coring area. 1507 Leave the bottom from 317m.

Equipment Deficieneies:

Pilot Terry Kerby Date 11/30/03

Ops. Mgr. [signature] Date 11/30/03