

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-594 Date: October 16, 2004
 Observer 1: Colin Wollerman Dive Location: Keahole Pt. Hawaii
 Affiliation: HURL sub ops. PIT Latitude: 19°47.891'N
 Observer 2: Rob Dunbar Longitude: 156°08.861'W
 Affiliation: Stanford University Time of Dive: 0812
 Purpose: Research Training Test Time of Surface: 1720
 Other: _____ Time Submerged: 9:08
 Special Equipment: _____ Time Thru Last Dive: 3907:34
 Cameras: Sony DV - Ros Color Total Time to Dive: 3916:42
 Manipulators: HYCO - Titan inoperative Dive Depth: 1653m
 Samplers/Sensors: Collecting basket Water Depth: 1653m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Temperature: 2.3°C @ 1653m
 Captain: Ross Barnes Visibility: 40m + @ 1653m

Dive Results/Remarks: Coral survey and collecting dive. This will be a deep dive to collect deep corals and transit upslope to the precious coral area at 400m 0944 Land on a steep sedimented slope in 1643m. Fine sediment and no current create a dense silt cloud around the Pisces landing site. Pisces V slides downslope to 1653m. 1014 1642m collect coral sample. There are some corals attached to basalt outcrops on the sandy slope. Move upslope to the northeast. 1136 1351m moving up a massive pillow basalt flow feature. 1204 Continue moving east/northeast. 1233 966m. Into an area of large white carbonate blocks. 1253 903m. Collect what appears to be a corallium regale off a vertical carbonate wall. 1303 860m moving upslope to the northeast. Collecting samples. 1413 640m get video of a large shark (soft hexancus grissius?) 1424 500m moving upslope to the east. Locate gold coral trees on jagged carbonate formations at 409m. Begin searching for a large dead coral tree to lay over the sample basket to secure the samples collected during the dive. 1640 Locate several large dead branched gold coral trees. secure science basket. 1642 Leave the bottom from 400m.

Pilot's Signature: Terry Kerby Date: 10/17/04

Operations Director: Terry Kerby Date: 10/17/04