

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-585 Date: October 5, 2004
 Observer: Rob Dunbar
 Observer Title/Affil.: Stanford University. Dive Location: Lanikai, East Oahu
 Observer: Tom Guilderson Latitude: 21°24.367'N
 Observer Title/Affil.: Lawrence Livermore Longitude: 157°38.552'W
Laboratories Time of Dive: 0812
 Purpose: Research Training Test Time of Surface: 1627
 Other: _____ Time Submerged: 8:15
 Special Equipment (Cameras, Manipulators, Samplers, etc.) Time Thru Last Dive: 3831:21
Sony DV- ROS color Total Time to Dive: 3839:36
Titan-HYCO Dive Depth: 472m
 Support Vessel: R/V Kaimikai-O-Kenaloa Water Depth: 472m
 Captain: Ross Barnes Water Temperature: 6.9°C @ 472
 Visibility: 30m Clear

Dive Results/Remarks: Coral collecting dive. 0843 Land on a
sloping sand covered carbonate bottom in 470m. 0858 Move to
the East. Bottom current is negligible. 0911 470m Collect
Deep Water Black coral. Take a water sample with forward niskin
bottle. 0919 Moving to the east at 403m. 0953 395m locate
Large gold coral tree on basalt pinnacle feature. 1007 Contour
east at 400m. 1104 403m. Collect Black (deepwater) at 403m.
1115 406m Locate a very large gold coral tree. 4m across 2.5m
high. 1135 Continue moving to the south. Collect a dead
limb and gold coral stump. 1142 Relocate the gold coral wall
at 400m. Collect sample from limb. 1216 400m Move south. 1223 403m
Locate more live gold coral trees. 1239 Break old dead coral stump
off of carbonate base. 1258 In an area of several large gold
Equipment Deficiencies: coral trees. 1317 395m Collect what appears to
be secundum (Dendrofilia) Continue moving south. 1347 Continue more large
dead gold trees. Move Net 350m. 1527 Begin to rearrange basket for surface.
1554 Leave the bottom from 340.

Pilot's Signature: Terry Kerby Date: 10/6/04
 Operations Director: Terry Kerby Date: 10/6/04