

PISCES V DIVE REPORT

Pilot: T. Kerby Dive #: PV-716 Date: February 22, 2009
 Observer 1: Tony Montgomery
 Affiliation: Hawaii State Aquatic Resources Dive Location: off of Maui
 Observer 2: Dennis Opreško Latitude: 20° 56.472' N
 Affiliation: _____ Longitude: 156° 45.706' W
 Purpose: Research Training Test Time of Dive: 0809
 Other: _____ Time of Surface: 1214
 Special Equipment: Time Submerged: 4:05
 Cameras: Mini Zeus - ROS Time Thru Last Dive: 4819:08
 Manipulators: Titan, HYCO Total Time to Dive: 4823:13
 Samplers/Sensors: CTD, collecting Dive Depth: 207m
baskets, temp sensors Water Depth: 207m
 Support Vessel: R/V Kaimikai-o-Kenaloa Water Temperature: 15.1° at 207m
 Captain: Ross Barnes Visibility: Murky in Keyhole, clear on top of wall.

Dive Results/Remarks: Coral Reef Ecosystem dives. 0834 land on a sloping sandy bottom with many surrounding carbonate outcrops. 0855 207m Move to the SE towards the wall. 0909 188m Deploy marker #4 with temp sensor at base of wall. 0913 Move up a vertical wall to the SE. 0925 134m Deploy marker #6. 0934 Continue moving to the SE up a wall. 0940 132m Collecting samples. Collect 2 coral samples. 1000 102m on a ledge. Deploy marker #2. Continue up the wall to the SE. 1019 88m Deploy marker #3. Collecting coral samples. 1030 KOK reports loss of STBD propulsion. 1032 Move back down slope to collect samples. 1049 113m collecting samples. Current moving across wall. 1102 114m Deploy marker #5. Collect samples. Humpback whale sighting. Moving up wall to prepare for leaving the bottom
 Equipment Deficiencies: at 1130 Very strong current pins P-V against a wall on STBD side. Full thrust on port motor to keep off of wall. 1153 Current slack enough to warp away from wall and back face of wall. 1154 Leaving the bottom.

Pilot's Signature: T. Kerby Date: 2/24/09

Operations Director: Terry Kerby Date: 2/24/09