

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-754 Date: February 27, 2011
 Observer 1: Brian Pepp
 Affiliation: UH Dive Location: Au Au Channel, Maui
 Observer 2: Andrea Grattoli Latitude: 20° 46.273' N
 Affiliation: UH Longitude: 156° 40.259' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0803
 Special Equipment: _____ Time of Surface: 1636
 Cameras: Mini Zeus HD - ROS Time Submerged: 8:33
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 5077:37
 Samplers/Sensors: CTD, sample box. Total Time to Dive: 5086:10
marker float, Dome. Dive Depth: 134m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Depth: 134m
 Captain: Ross Barnes Water Temperature: 22.2° @ 100m
 Visibility: _____

Dive Results/Remarks: First diver/submersible dive for CRES
project. 0836 Land on a flat sandy bottom in 134m. 0842 Move to
the NE to locate a dome site. 0933 Move to the North West. Move
over acres of Leptocirus Coral beds. 1023 89m Locate a suitable
site for the dome experiments. Move up slope from the site and deploy
the marker buoy at 1054 1058 Divers are on the bottom. Divers
collecting coral to conduct experiments with 2 domes. 1115 Divers
have completed bottom work. Pisces V moves south along sand/coral
margin. 1145 Deploy pinger and old bucket lid marker found at
Marker #14 dome site. Test pinger. 70 Khz. Active. Move south along margin
collecting coral samples. 1205 95m collect coral. 1224 93m Collect Coral.
1234 95m Collect Coral. 1245 95m Collect coral & Algae. 1315 90m Cliffs & fish.
Possible sample site 1331 Collect Coral. 1332 Move N to dome site. 1352 At dome
site. Remove domes from samples and collect coral chips from sample cores.
Difficult task as domes are too close together. 1600 Collect 7 out of 8 chips.
Recover dome. Leave the bottom from 89m. Divers recover dome on surface.

Pilot's Signature: Terry KerbyDate: Feb 28, 2011Operations Director: Terry KerbyDate: Feb 28, 2011