

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-691 Date: November 2, 2007
 Observer 1: Colin Wollerman - PIT
 Affiliation: HURL sub ops Dive Location: Twin Banks, NWHI
 Observer 2: Rob Dunbar Latitude: 23° 06.855' N
 Affiliation: Stanford University Longitude: 163° 07.356' W
 Purpose: Research Training Test Time of Dive: 0806
 Other: _____ Time of Surface: 1630
 Special Equipment: _____ Time Submerged: 8:24
 Cameras: Sony - ROS Time Thru Last Dive: 4639:05
 Manipulators: Titan - HYCO Total Time to Dive: 4647:29
 Samplers/Sensors: Coral sample basket, Dive Depth: 1502m
CTD. Water Depth: 1502m
 Support Vessel: R/V Kaimikai-o-Kanaloa Water Temperature: 2.7°c
 Captain: Ross Barnes Visibility: _____

Dive Results/Remarks: Coral collecting and pilot training dive. 0932
Land on a barren sandy bottom in 1502m. 0940 Move
upslope to the West. 1058 Into basalt formations with some
corals. Collecting a corallium. Titan manipulator losing hydraulic
oil becomes inoperative and repositions itself extending off the port
side of the sub. 1105 Collected coral with the HYCO arm and continue
moving upslope to the West. 1130 1173m moving up a vertical wall to
the West. 1142 Collect red corals off a vertical wall at 1125m. 1220 1072m
Collecting corals off vertical wall. 1236 1040m Moving to the North.
1256 961m move to the Northwest. 1326 964m collect what we think
is dendrophilia off of a vertical wall. Locate a large white coral a short
distance to the Northwest from the dendrophilia sample site. Collect a
sample of the corallium. 1342 950m Move to the
Northwest. 1430 747m Move to the Northwest. 1442 673m moving over
barren sand. 1459 622m. Collect dead bamboo coral stump. 1505 622m Collect dead gold
Coral tree. Sandy terrain. No sign of coral life left. 1542 secure sample basket and leave the bottom from 521m.
 Equipment Deficiencies: _____
 Pilot's Signature: Terry Kerby Date: 11/3/07

Operations Director: Terry KerbyDate: 11/3/07