

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-647 Date: July 7, 2005
 Observer 1: Steve Price PIT
 Affiliation: HURL sub ops. Dive Location: Vailuluia Volcano West Rift.
 Observer 2: Adele Pile Latitude: 14° 13.151' S
 Affiliation: Uof Sydney, Australia Longitude: 169° 06.091' W
 Purpose: Research Training Test Time of Dive: 0800
 Other: _____ Time of Surface: 1656
 Special Equipment: Time Submerged: 8:56
 Cameras: Sony, ROS Time Thru Last Dive: 4319:42
 Manipulators: Titan, ROS Total Time to Dive: 4328:38
 Samplers/Sensors: Bio Box #1 Bio box #2 Dive Depth: 1702m
Rock box, Rosette, Water Depth: 1702m
 Support Vessel: R/V Kaimikai-o-Kanaloa Water Temperature: 2.4°
 Captain: Ross Bernes Visibility: _____

Dive Results/Remarks: Dive down Vailulu West rift to recover and deploy
samplers. 0949 Land in rugged basalt terrain in 1702m. 0953
Move to the NE to locate marker #6 site. 1012 Locate marker #6.
Deploy charge #127. Collect charge #108. Leave temp. logger. 1040 Move
upslope to the East. 1203 Locate marker #7 at 1183m. Recover
charge #109. Deploy charge #126. Recover temp. logger. Continue
moving upslope to the East. 1336 827m. Collect biological
samples. 1412 816m Collecting brittle stars. 1523 715m on
outside (west end) of cone. Iron oxide chimneys. 8.3°c
1552 642m Continue collecting biological samples on
west side of Vailulu caldera. 1604 616m Leave the bottom
from the west end rim of the Vailulu Caldera. Area is
covered with iron oxide chimneys and other signs of
 Equipment Deficiencies: hydrothermally altered terrain.

Pilot's Signature: Terry Kerby Date: July 8 2005
 Operations Director: [Signature] Date: July 8 2005