

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-774 Date: Sept 23, 2011
 Observer 1: Chris King
 Affiliation: Nat Geo Dive Location: Loihi - Pele's Pit
 Observer 2: Evan Kovacs Latitude: 18°54.405'N
 Affiliation: WHOI Longitude: 155°15.819'W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0927
 Special Equipment: WHOI 30 & HD Time of Surface: 1655
 Cameras: Mini Zeus HD - ROSSD Time Submerged: 7:28
 Manipulators: Titan 4 - HYCO Time Thru Last Dive: 5226:30
 Samplers/Sensors: _____ Total Time to Dive: 5233:58
 Support Vessel: R/V Kaimikai-O-Kanaloa Dive Depth: 1346m
 Captain: Clary Gutzeit Water Depth: 1346m
 Water Temperature: 3.9°C @ 1198m
 Visibility: _____

Dive Results/Remarks: Two sub filming dive for Nat Geo.
1043 On the bottom in 1182m land on a steep talus slope. 1051 Move
to edge of pit to locate marker #18. Pisces IV (with Bob Ballard) diving.
1051 Locate marker #18. Wait at Pisces marker #18 for Pisces IV. 1229
Pisces IV arrives at marker #18. 1238 Pisces IV and Pisces V begin
descent into pit. Pisces IV follows Pisces V through gateway into pit.
Subs stop at 1336m over bottom and move to the SE towards
boiling pot vent site. 1328 Locate vent site. Pisces IV and Pisces V
maneuvering in vent site filming for Nat Geo. 1400 Pisces V & Pisces IV
move N to Jet Vent Site. 1452 Sub to sub filming as we ascend a
vertical wall. 1500 1169m Pisces IV leaves the bottom. Pisces V
continues up the wall. 1512 1169m on top of wall. Active bacterial mat.
26.1% in mat. 1533 Pisces V leaves the bottom at 1053m.

Pilot's Signature: Terry Kerby Date: 9/28/11
 Operations Director: Terry Kerby Date: 9/28/11