

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-635 Date: June 12, 2005
 Observer 1: Steve Price
 Affiliation: HURL sub ops. Dive Location: V-19 Volcano
 Observer 2: Gary Massoth Latitude: 24° 48.068 S
 Affiliation: GNS New Zealand Longitude: 177° 00.827 W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0809
 Special Equipment: _____ Time of Surface: 1211
 Cameras: Sony-RGS Time Submerged: 4:02
 Manipulators: Titen 7f-HYCO Time Thru Last Dive: 4224:09
 Samplers/Sensors: Biobox, Rock box, majors Total Time to Dive: 4228:11
Gestights, CTD, Sed scoops. Dive Depth: 1025m
 Support Vessel: R/V Kaimikai-O-Kanaloa Water Depth: 1025m
 Captain: Ross Barnes Water Temperature: 5.3°C @ 1025m
 Visibility: 20m+

Dive Results/Remarks: Dive to search v19 caldera for hydrothermal activity. 0933 On the bottom in 1025m. 1200 sandy bottom in caldera floor. 0942 Move upslope to the northeast. 1013 Discover large columnar basalt formations from a massive flow feature at 891m. 1034 890m Move to the Northwest across columnar basalt formations. 1039 Move downslope to 900m. Contour to the south East. 1108 collect a rock. Deploy marker #33. Sea conditions have deteriorated. Leave the bottom from 903m. Rough sea recovery.

Equipment Deficiencies: None

Pilot's Signature: Terry Kerby

Date: July 9, 2005

Operations Director: Terry Kerby

Date: July 9, 2005