

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Hubert Staudigal Wt. _____
 Observer Title/Affil. Scripps Institute of
Oceanography
 Observer Brad Tebo Wt. _____
 Observer Title/Affil. SIO

Dive # PV-497
 Date November 10, 2002

Dive Location Loihi - South Rift
 Lat. 18° 51.296' N Long. 155° 14.913' W
 Purpose: Research Training Demo

Time of Dive 1214
 Time of Surface 1850
 Time Submerged 6:36
 Time Thru Last Dive 3167:41
 Total Time to Dive 3174:17
 Dive Depth 1771m
 Water Depth 1771m
 Water Temp. 1.3°C @ 1771m
 Visibility _____
 ABT # at Neutral _____
 Captain Ross Barnes

Other: _____
 Special Equipment:
 Camera (type) Sony
 Manipulator Titan, Hyco
 Other _____
 Support Vessel R/V Kaimikai-O-Kenaloa

Dive Results/Remarks: Loihi dive to relocate marker # 17 at 1714m
and establish a sampling site. 1303 Set to the South West.
Power to the East in mid water. 1357 1771m On the bottom.
1453 1718m Move around the East side of the rift moving
upslope to the North. 1539 Locate marker #17 at 1714m at
L 18° 52.300' N λ 155° 14.895' W. Deploy samplers #37 & #38.
Deploy #7, #8, #9. Black samplers, & #2 white sampler. Scrape
pillow rind and ~~and~~ collect sand with suction sampler
buckets #1 & #2. Collect rock fragments from broken pillow
Collect sediment scoop. Temp. is 1.1°C. 1705 Leave the bottom
from 1705m. Make a night recovery. Seas calm.

Equipment Deficiencies: Titan manipulator having wrist control
vibration.

Pilot Terry Kerby
 Ops. Mgr. PK

Date 11/12/02
 Date 11/12/02