

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-577 Date: September 19, 2004
 Observer: John Runcey
 Observer Title/Affil.: Institute of technology Dive Location: Penguin Banks. 3rd finger
Sydney, Australia Latitude: 20° 55.922' N
 Observer: Josh Valdez Longitude: 157° 32.091' W
 Observer Title/Affil.: UH Hilo Time of Dive: 0812
 Time of Surface: 1630
 Purpose: Research Training Test Time Submerged: 8:28
 Other: _____ Time Thru Last Dive: 3758:363766:39
 Special Equipment (Cameras, Manipulators, Samplers, etc.) Total Time to Dive: ~~3767:04~~ 3775:07
Sony DV-ROS Camera Dive Depth: 204m
Hyco-Titan. Light sensor Water Depth: 204m
 Support Vessel: R/V Keimikai-O-Kenaloa Water Temperature: 20.2m 16.4°C
 Captain: Ross Barnes Visibility: clear 20m

Dive Results/Remarks: Algae survey dive. Conducting light
sensitivity experiments on algae samples. 0828 Land on a
flat sandy bottom in 84m. 0836 Move to the northwest. 0903 75m
collecting samples in jars #2, #3, #4. Continue moving to the north west.
0930 106m move downslope to the east then contour at 100m towards
sample site. 0957 169m Conducting light experiments on algae covered
carbonate rubble. 1056 Continue downslope to the north. 1104 199m
Begin moving to the west along a steep sandy slope at 200m.
Slight following current when moving east. 1143 Turn around and
begin contouring to the east at 200m. Barren sloping sandy bottom.
1232 204m Stop to conduct light experiments when we locate carbonate rubble.
1321 202m Move upslope to the south. Encounter a very strong easterly current
above 150m. Move up to 100m and try to move west. Move to the west. It is

Equipment Deficiencies: possible to make headway if the sub is away from the wall.
1406 101m Locate sample/experiment station at marker 30. Data logger has flooded.
Recover logger and marker 1429 Move down to 140m. Conduct experiment. 150E Move upslope to the south.
1514 24m Move east. 1550 Collecting samples. 1606 Leave the bottom. Make a normal recovery.

Pilot's Signature: Terry Kerby Date: 9/20/04
 Operations Director: Terry Kerby Date: 9/20/04