

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PV-572 Date: September 14, 2004

Observer: SAM KAHNG

Observer Title/Affil.: UH OCEANOGRAPHY

Dive Location: SOUTH KAUAI

Latitude: N 21:52.500

Observer: CHIP YOUNG

Longitude: W 159:35.000

Observer Title/Affil.: UH OCEANOGRAPHY

Time of Dive: 0813

Time of Surface: 1218

Purpose: Research Training Test

Time Submerged: 4:05

Other: _____

Time Thru Last Dive: 3738:42

Special Equipment (Cameras, Manipulators, Samplers, etc.)

Total Time to Dive: 3742:47

SONY DV, ROS color, CTD, HYCO,

Dive Depth: 127 m

TITAN, SAMPLING CRATES

Water Depth: 127 m

Support Vessel: R/V KAIMIKAI-O-KANALOA

Water Temperature: 19.5°C @ 127m

Captain: ROSS BARNES

Visibility: variable

Dive Results/Remarks: Black coral survey and collection dive. ^{or} 0849 0832

On the bottom in 78m water depth, observing strong current from NE to SW. 0842 moving to S. 0903 122m in shadow of submarine head, current subsides. 0924 113m pumping out ballast water from 333 to 277 lbs. 0942 104m encounter first black coral tree, alone, dead, no canyons in sight. 0946 move upslope to W. 1016 81m at large rock outcrop. 1018 survey large outcrop. 1033 continue to NW. 1042 60m thruster tilt mechanism malfunctioned but is still marginally workable. 1046 moving to W. 1058 37m strong current from NE. 1101 survey ridge, then move downslope to S. 1121 84m continue to S. 1149 127m leaving the bottom on soft ballast to conserve ballast stock. Make a normal recovery.

Equipment Deficiencies: Thruster tilt chain jumped a number of sprocket teeth, resulting in inability to get horizontal thruster position.

Pilot's Signature: _____

Date: Sept. 19, 2004

Operations Director: _____

Date: 9/20/04