

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-571 Date: September 13, 2004

Observer: Colin Wollerman

Observer Title/Affil.: HURL sub ops

pilot in training.

Observer: Sam Kahng

Observer Title/Affil.: University of Hawaii

Purpose:  Research  Training  Test

Other: \_\_\_\_\_

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

Sony DV, ROS color - Sampling buckets

Hyco; Titan

Support Vessel: R/V Kaimikai-O-Kanaloa

Captain: Ross Barnes

Dive Location: Kaula Rock, Nihoa

Latitude: 21° 40.973'

Longitude: 160° 37.078'

Time of Dive: 0809

Time of Surface: 1625

Time Submerged: 8:16

Time Thru Last Dive: 3730:26

Total Time to Dive: 3738:42

Dive Depth: 209m

Water Depth: 209m

Water Temperature: 18.0°C @ 209

Visibility: Fair 20m

Dive Results/Remarks: Carijoa survey pilot training dive. 0827

On the bottom in 78m. 0836 78m Moving to the northwest.

0855 114m at the edge of the dropoff on a ledge. 0927

Moving east to locate pinnacle feature. 0930 107m Collect

samples. Continue moving to the east. 1000 69m collect algae

samples. 1013 65m continue moving to the east. 1034 61m Locate

another basalt outcrop. Collect a coral sample. Seeing some small black

coral trees and no sign of carijoa. 1052 Continue moving to the east at 59m

1100 56m get into a rocky area with some small black coral trees. 1124

49m. Move SE searching for pinnacle feature. 1143 60m Move to the NW.

1219 57m. Move west to locate pinnacle. 1242 46m. Move SE looking for

pinnacle. 1328 Moving to the west at 56m. 1401 64m moving northwest.

1440 104m drop down edge of wall. 1500 209m. Move back up slope to

Equipment Deficiencies: west. 1548 Collecting samples. 1600 111m Leave the

bottom. Ascend on soft ballast. Ascend on hard ballast. Make a normal

recovery.

Pilot's Signature: Terry Kerby

Date: Sept. 14, 2004

Operations Director: Terry Kerby

Date: Sept 14, 2004