

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Chris Kelley Wt. _____
 Observer Title/Affil. HURL

Dive # PV-464
 Date Sept. 20, 2001

Observer John Smith Wt. _____
 Observer Title/Affil. HURL

Time of Dive 0824

Dive Location Piscis Pinnacle, NE of FFS.

Time of Surface 1650

Lat. 24° 20.659' N Long. 166° 01.639' W

Time Submerged 8:26

Purpose: Research Training Demo

Time Thru Last Dive 2948:35

Other: HURL program enhancement dive

Total Time to Dive 2957:01

Special Equipment:

Dive Depth 1435 m

Camera (type) Sony/Panasonic

Water Depth 1435 m

Manipulator Titan/Hyco

Water Temp. 2.7°C @ 1435 m

Other _____

Visibility _____

Support Vessel R/V Keimikzi-O-Keneloa

ABT # at Neutral _____

Captain Bob Hayes

Dive Results/Remarks:

Geology/Biology survey and sample collection dive. 0937 On the bottom in 1090 m of water on a steep rocky slope. Bottom appears to be manganese covered carbonate. The samples of seaper growing in a pocket of dark brown sand. Collect sediment sample, collect rocks. Move down a steep rocky wall to the NE. Collecting samples of corals and sponges. Carbonate wall is vertical in some places with stepped shelves and some sediment and talus channels. 1225 Continue down the wall to the NE collecting samples. 1409 1310 m Bottom slope angle here becomes more gradual at 45°, with wide sand channels with confused ripple patterns. Collecting nudarrens, starfish, brittlestars and a shelled mollusk. Collect more varieties of sponges. 1510 1405 m Collect rock and sediment samples. 1518 1435 Leave the bottom. Make a normal recovery.

Pilot Terry Kerby

Date 9/20/01

Ops. Mgr. JL

Date Sept 20, 2001