

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. \_\_\_\_\_  
 Observer Henry Reisdorf Wt. \_\_\_\_\_  
 Observer Title/Affil. Redpath Museum, McGill University, Montreal, Quebec  
 Observer Adele Pile Wt. \_\_\_\_\_  
 Observer Title/Affil. Flinders University of South Australia  
 Dive Location off of Kona  
 Lat. 19° 37.742' N Long. 156° 02.048' W  
 Purpose:  Research  Training  Demo  
 Other: \_\_\_\_\_  
 Special Equipment:  
 Camera (type) Sony Digital - Panasonic - CCD  
 Manipulator Hycos - Titen  
 Other \_\_\_\_\_  
 Support Vessel R/V Kaimikai - o - Kanaloa

Dive # PV-481  
 Date November 30, 2001  
 Time of Dive 0849  
 Time of Surface 1615  
 Time Submerged 7:26  
 Time Thru Last Dive 3054:45  
 Total Time to Dive 3062:11  
 Dive Depth 493m  
 Water Depth 493m  
 Water Temp. 6.7°C @ 493m  
 Visibility \_\_\_\_\_  
 ABT # at Neutral \_\_\_\_\_  
 Captain Bob Hayer

Dive Results/Remarks: Craig Young Sericolophus sponge project.  
Dive to relocate zone of dense sponge populations to establish a study site. 0924 493m. Land on a steep slope with basalt walls and ridges with sandy gulleys. 0929 Begin moving upslope. 0956 444m start seeing sericolophus sponges. Moving upslope. 1028 392m locate an area with dense sponge growth. Moving upslope. Out of sponges at 366m. Move upslope to 361m. Begin transect to the south. 1109 361m End transect. 1115 Move downslope to 400m. Back into sponges at 400m. 1130 Begin transect to the N. at 400m. Pass over areas with numerous sponges. 1152 End transect. 1210 Move downslope. 1225 Begin transect to the South at 460m. 1245 460m End transect. 1258 459m Collect a small and a medium sized sericolophus sponges. 1307 Move downslope  
 Equipment Deficiencies: 1310 480m Begin transect to the N. 1332 480m End transect. 1339 moved upslope to a dense sponge area in 437m. Deploy Marker #1 to establish study site. Test water samplers. Collect sponges and sponge stalks. 1510 Leave the bottom from 436m.

Pilot Terry Kerby  
 Ops. Mgr. [Signature]

Date Dec. 2, 2001  
 Date Dec. 2, 2001