

## PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: P5-568 Date: SEPTEMBER 10, 2004  
 Observer: SAM KAHNG  
 Observer Title/Affil.: UH OCEANOGRAPHY Dive Location: AU'AU CHANNEL OFF HAWAII  
 Observer: STEVEN COLES Latitude: 20:55.53  
 Observer Title/Affil.: BISHOP MUSEUM Longitude: 156:46.00  
 Purpose: Research Training Test Time of Dive: 0814  
 Other: \_\_\_\_\_ Time of Surface: 1631  
 Special Equipment (Cameras, Manipulators, Samplers, etc.) Time Submerged: 8:17  
SONY DV, ROS' color, CTD, Time Thru Last Dive: 3714:53  
HYCO, TITAN Total Time to Dive: 3723:10  
 Support Vessel: R/V KAHIKAI-O-KAUAU Dive Depth: 123<sup>m</sup>  
 Captain: ROSS BARNES Water Depth: 123<sup>m</sup>  
 Water Temperature: 22°C @ 120m  
 Visibility: VARIABLE

Dive Results/Remarks: Black coral survey and collection dives. 0831 on bottom in 66m. Strong current from South to North. 0846 67m moving NE toward target pinnacle, range 1500m, bearing 040°. 0922 114m moving N toward pinnacle, range 700m, bearing 005°. 0949 89m encounter first black coral tree. 0954 continue upslope to North. 1004 63m on top of target pinnacle. 1024 63m collect carijola and kaliumola samples in covered basket. 1026 moving North across pinnacle. 1036 123m landed at base of pinnacle. 1037 contouring around base of pinnacle at 120m. 1055 112m collect black coral branch with carijola. 1108 101m observe large, dead black coral tree smothered by carijola. 1125 96m collect carijola from dead black coral tree. 1139 96m continue SSW. 1205 72m observing carijola and plate coral. 1207 72m continue to SW. 1230 106m moving away from pinnacle to S, then SE. 1306 77m straddling ridge to East of target pinnacle. 1312 contouring SE. 1320 71m on top of small ridge further to SE. 1337 52m on a ridge with kaliumola meadows. 1338 moving to SW. 1357 contouring along ridge at about 78m. 1434 80m collect black coral sample, then continue along ridge. 1533 continuing SE to find last sample location at rock wall. 1600 79m collect carijola sample. 1605 leave bottom from 79m. Make a normal recovery.

Pilot's Signature: \_\_\_\_\_

Date: Sept. 12, 2004

Operations Director: Larry Park

Date: Sept 12, 2004