

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-671 Date: SEPTEMBER 5, 2006Observer 1: CRAIG SMITHAffiliation: UNIVERSITY OF HAWAIIObserver 2: JOHN YEYAffiliation: UNIVERSITY OF HAWAIIPurpose: Research Training Test

Other: _____

Special Equipment:

Cameras: SONY DV, BOS COLORManipulators: TITAN 7F, HYCOSamplers/Sensors: CTD-DO, PUSH CORES,BIO BOX, SCOOP NET, BRIDED TRAP, BAIT PARCELSupport Vessel: R/V UHIMUKI-O-KAWALOCaptain: ROSS BARNESDive Location: NORTH MOLOKAILatitude: 21° 16.658' NLongitude: 156° 47.618' WTime of Dive: 0802Time of Surface: 1704Time Submerged: 9:02Time Thru Last Dive: ~~4477:34~~ 4506:20Total Time to Dive: ~~4506:36~~ 4515:28Dive Depth: 1044 mWater Depth: 1044 mWater Temperature: 4.0°C @ 1044 mVisibility: GOOD, 10-15 m, WHEN NOT SILTED UP

Dive Results/Remarks: CANYON ECOLOGY DIVE. 0901 1044 m land on bottom in a flat, sandy area. 0917 start transect #1 from landing position. 0932 996 m end transect #1. Move N to 994 m. 0946 deploy trap and marker 50. 0950 start transect #2 to SE. 1004 981 m end transect #2. 1106 end bait station. 1152 move SE to start coring. 1215 979 m complete collection of six push cores. Started transect #3 from this position but aborted due to inaccurate positioning of video camera. 1229 964 m re-start transect #3. 1245 946 m end transect #3. 1305 start transect #4. 1312 end transect #4 to NE at 971 m. Begin relocating trap, moving NE, collecting samples on the way. Collection includes coral eplicinroids and 3 polychaetes. 1452 994 m collect trap and marker 50. Move on a SE course to relocate bait. 1532 982 m abandon search for bait. 1534 moving ENE in an attempt to reach the edge of the canyon drop-off. 1600 1000 m leaving the bottom after unsuccessful push for the edge of the canyon. Make a normal recovery.

Equipment Deficiencies: • Altimeter not working on descent; ok later in the dive.
• PORT battery pool alarm on ascent at 540 m.

Pilot's Signature: Date: SEPTEMBER 6, 2006Operations Director: Date: SEP 8, 2006