

PISCES V DIVE REPORT


Pilot: MAX CREMER Dive #: P5-673 Date: SEPTEMBER 8, 2006Observer 1: CHIP FLETCHERAffiliation: UNIVERSITY OF HAWAIIObserver 2: KEN RUBINAffiliation: UNIVERSITY OF HAWAIIPurpose: Research Training Test

Other: _____

Special Equipment:

Cameras: SONY DV, ROS COLORManipulators: TITAN 7F, HYCOSamplers/Sensors: CTD-DO, BIO BOX, ROCHCRATE, CRATE W/ LIDSupport Vessel: R/V KAIMIKAI-O-KANALOACaptain: ROSS BARNESDive Location: PENGUIN BANKSLatitude: 21° 01.618' NLongitude: 157° 21.649' WTime of Dive: 1224Time of Surface: 1651Time Submerged: 4:27Time Thru Last Dive: 4515:32 4524:24Total Time to Dive: 4519:59 4528:51Dive Depth: 151 mWater Depth: 151 mWater Temperature: 21.3°C @ 151 mVisibility: FP1R, IN THE PHOTIC ZONE

Dive Results/Remarks: QUATERNARY COASTLINES DIVE. 1242 134m land on seafloor in a flat area dominated by carbonate sand and totolites. A very strong tidal current is forcing the PISCES V to the SE. The current is variable in strength as well as direction and dictates activities throughout the dive. 1329 current subsided, moving to the NE, looking for carbonate outcrops. 1413 133m collect a sponge with a number of totolites stuck on it. 1420 moving S. 1434 moving WSW as well as current allows. 1511 151m current has now changed to S. P5 moving back W. Encountering what appeared to be an outcrop on Sonar at about 1600. Sonar contact is about 50m away and P5 is trying to reach it against a strong current. Outcrop was reached at 1630 after clearance to leave bottom was given. Site was marked with a position for the following dive. 1627 133m leave bottom; make a normal recovery.

Equipment Deficiencies: ALL SYSTEMS FUNCTIONING TO SPECIFICATIONS.Pilot's Signature: Date: SEPTEMBER 9, 2006Operations Director: Date: Sept 29, 2006