PISCES IV DIVE REPORT

Pilot Terry Kerby Wt. _____ Dive # P-IV 039
Observer Steve Price Wt. _____ Date Aug. 24, 2002
Observer Title/Affil. HURL - PIT

Observer _____ Wt. _____
Observer Title/Affil. _____

Dive Location SE corner of Pearl Harbor Defense Area [redacted]

Purpose: Research (Training) Demo
Other: Pilot training, two sub test and trial dives.
Special Equipment:
Camera (type) Sony digital-ROS B&W CCD. Color
Manipulator Orion, Hyco
Other _____
Support Vessel R/V Kaimikai-O-Kanaloa

Time of Dive 0901
Time of Surface 1748
Time Submerged 8:47
Time Thru Last Dive 244:49
Total Time to Dive 253:36
Dive Depth 424m
Water Depth 424m
Water Temp. 8.5°c @ 389m
Visibility _____
ABT # at Neutral _____
Captain Ross Barnes

Dive Results/Remarks: Test and training dives. This is the first 2 sub exercise with the Pisces IV and Pisces V. The submersibles will conduct sub to sub tracking exercies. The subs will remain in sight of each other for the first exercise to allow the tracking room crew on the KOK to become familiar with 2 sub tracking, navigation, and communications. This exercise will include survey of bottom contacts acquired during the HURL bottom survey conducted in March. 0928 On the bottom in 412m 0948 P-V is launched. 1008 Pisces V is on the bottom. Verify that P-V has been able to establish a bearing to P-IV with Pinger reciever. P-IV tracks P-V on 27Khz in pinger mode. Locate P-V. Maneuvering together with P-V following P-IV. Searching for primary target to verify it's identity. Subs manouvering various courses on small scale chart to locate target. Locate wreckage of 2 large aircraft. Unidentifiable. Locate numerous Equipment Deficiencies: Carbonate outcrops and steel tanks that appear to be aircraft drop tanks. 1540 Subs move west. 1543 392m Locate a sunken vessel. 54m long. Appears to be a gunboat or cutter. 1620 Pisces V leaves the bottom. P-IV surveys vessel. 1715 P-V is secure on KOK. Leave the bottom from 390m Make a normal recovery.

Pilot Terry Kerby Date 8/29/01

Ops. Mgr. TMK Date 8/29/01