PISCES IV DIVE REPORT

Pilot T. Kerby Wt. _____
Observer Max Cremer Wt. _____
Observer Title/Affil. HURL (PIT)

Observer _____ Wt. _____
Observer Title/Affil. _____

Dive Location In Defensive Sea Area Outside Pearl Hbr. [redacted]

Purpose: (Research) Training Demo
Other: _____
Special Equipment:
Camera (type) Sony Digital, ROS B&W, Color, CCD
Manipulator Orion, Hyco
Other _____
Support Vessel R/V Kaimikai-O-Kanaloa

Dive # PIV-040
Date Aug. 26, 2002

Time of Dive 0904
Time of Surface 1705
Time Submerged 8:01
Time Thru Last Dive 253:36
Total Time to Dive 261:37
Dive Depth 424m
Water Depth 424m
Water Temp. _____
Visibility _____
ABT # at Neutral _____
Captain Ross Barnes

Dive Results/Remarks: Pilot training and two sub test and training dives. The primary exercise for this dive will be to complete a tracking exercise with Pisces V locating Pisces IV, and to have the subs track contacts independently to establish parameters for tracking, navigation and communications for 2 sub operations. The tracking exercise will be to direct each sub to 2 different targets from the HURL bottom survey conducted in March. 0941 On the bottom in 400m. 1002 Pisces V is launched. 1022 P-V on the bottom in 409m. Very poor communications with P-V. Pisces V reports a battery box flood alarm. P-V leaves the bottom. Hold station with P-IV until P-V is recovered. 1120 P-V on deck. Pisces IV will continue mission for pilot training and to identify as many of the 4 targets as possible. Move N.E. Locate numerous carbonate outcrops in area of target #3. Move S W towards target #2 getting ranges and bearings from tracking watch on KOK. 1312 413m Locate target #2. It is a concrete piling 18m long. 1402

~~Equipment Deficiencies~~: Moving N. to locate target #1. Very strong westerly current. 1444 399m Locate a 4m long upside down vehicle that is on the survey map. Move N.E. Locate 2 Carbonate outcrops in target #1 area. Locate steep linear sand formations that may be target. Move West away from Pepe's Hotel. 1621 Leave the bottom from 397m. Make a normal recovery.

Pilot Terry Kerby Date 8/29/02

Ops. Mgr. [signature] Date 8/29/02