PISCES IV DIVE REPORT

Pilot T. Kerby Wt. _____ Dive # PIV-011
Observer C. Holloway (Pilot) Wt. _____ Date Nov. 5, 2000
Observer Title/Affil. _____

Observer Max Cremer Wt. _____
Observer Title/Affil. HURL sub ops.

Dive Location Pearl Hbr. defense area
Lat. _____ Long. _____
Purpose: (Research) Training Demo
Other: Submersible test dive
Special Equipment:
Camera (type) Sony digital
Manipulator Hyco
Other _____
Support Vessel R/V Kaimikai-O-Kanaloa

Time of Dive 0922
Time of Surface 1556
Time Submerged 6:34
Time Thru Last Dive 55:56
Total Time to Dive 62:30
Dive Depth 335 m
Water Depth 335 m
Water Temp. _____
Visibility _____
ABT # at Neutral _____
Captain Bob Hayes

Dive Results/Remarks: Pisces IV test dive to become familiar with handling characteristics with 3 persons in command sphere. Drain water from 328 lbs in fwd trim sphere to 150 lbs. 0951 On the bottom in 324 m. Flat sandy bottom. Trim weight is good. Trim characteristics are good. Able to control sub in level flight by adjusting the position of the trim weight and angle of the thrusters. Trim characteristics are sensitive enough however that trim angle changes when the observer changes position. This can be compensated by adjusting the position of the trim weight and angle of the thrusters. Make several runs trying different positions of trim controls and distribution of command sphere weight. 1528 Leave the bottom from 280 m. Make a normal recovery. 1553 On deck

Equipment Deficiencies: _____

Pilot Terry Kerby Date 11/9/00
Ops. Mgr. T. Kerby Date 11/9/00