PISCES IV DIVE REPORT

Pilot T. Kerby Wt. ____
Observer C. Holloway (HURL Pilot) Wt. ____
Observer Title/Affil. ____

Observer ____ Wt. ____
Observer Title/Affil. ____

Dive Location Off of Kona.
Lat. 19° 37.9' N Long. 156° 01.9' W
Purpose: (Research) (Training) Demo
Other: Deep Test Dive.
Special Equipment:
Camera (type) Sony Digital
Manipulator HYCO
Other ____
Support Vessel R/V Kaimikai-O-Kanaloa

Dive # PIV-004
Date Oct. 25, 2000

Time of Dive 0820
Time of Surface 1421
Time Submerged 6:21
Time Thru Last Dive 17:49
Total Time to Dive 24:10
Dive Depth 1620m
Water Depth 1620m
Water Temp. 2°c @ 1620m
Visibility ____
ABT # at Neutral ____
Captain Bob Hayes

Dive Results/Remarks: First deep test dive for Pisces IV after reconfiguration refit. 0855 On the bottom in 378m. Begin moving downslope to the West South West. Flood water into bow sphere from 25 lbs to 32 lbs. 0952 690m see a cock shark. 1023 895m temp. 4°c. Test manipulator. 1108 1140m sandy bottom continuing to move down slope. 1212 1560m Sandy bottom, numerous Phrissosystis Multispina urchins. 1230 1620m Lose power on starboard thruster. Ambient temp. 2°c. 1235 Leave the bottom from 1620m. Make a normal recovery.

Equipment Deficiencies: Lose stbd thruster power.

Pilot L. Kerby Date 10/31/00

Ops. Mgr. [signature] Date 10/31/00