PISCES IV DIVE REPORT

Pilot Terry Kerby Wt. _____
Observer Pilot Max Cremer Wt. _____
Observer Title/Affil. HURL Sub Ops

Observer _____ Wt. _____
Observer Title/Affil. _____

Dive Location Off of Barbers Pt.
Lat. 21° 15.778'N Long. 158° 06.568'W
Purpose: Research (Training) Demo
Other: _____
Special Equipment:
Camera (type) ROS Color cam
Manipulator Orion - Hyco
Other _____
Support Vessel R/V Kaimikai-O-Kanaloa

Dive # PIV # 154
Date August 10, 2006

Time of Dive 1240
Time of Surface 1718
Time Submerged 4:32
Time Thru Last Dive 1109:25
Total Time to Dive 1113:57
Dive Depth 800m
Water Depth 800m
Water Temp. 6°C @ 350m
Visibility _____
ABT # at Neutral
Captain Ross Barnes

Dive Results/Remarks: Pisces IV first test dive after special survey refit. Land on a sloping sandy bottom in 371m. Adjust trim. Lose compass. Problems with new hydraulic system. Begin moving downslope towards target depth of 800 m. No compass reading, must rely on tracking and sonar signature of bottom terrain to make progress to the SSW to deeper water. Some rugged terrain with walls and channels. Mostly barren sandy bottom with little marine growth.
1630 At 800m. 1634 Release drop weights and surface from 800m. Make a normal recovery

Equipment Deficiencies: Hydraulics, Altimeter, Compass.

Pilot Terry Kerby Date 8/10/06
Ops. Mgr. _____ Date 8/10/06