PISCES IV DIVE REPORT

Pilot Terry Kerby Wt. _____ Dive # PIV-081
Observer Adele Pike Wt. _____ Date Nov. 21, 2002
Observer Title/Affil. Sydney University

Observer Melanie Bishop Wt. _____
Observer Title/Affil. Sidney University

Dive Location Off of Kona
Lat. 19° 37.742'N Long. 156° 02.048'W Marker # 14
Purpose: (Research) Training Demo
Other:
Special Equipment:
Camera (type) Sony digital - ROS. Color/B&W.
Manipulator HyCO, Orion not operational
Other

Support Vessel R/V Kaimikai-O-Kanaloa

Time of Dive 0810
Time of Surface 1610
Time Submerged 8:00
Time Thru Last Dive 590:49
Total Time to Dive 598:49
Dive Depth 489m
Water Depth 489m
Water Temp. 5.7°c @ 489m
Visibility
ABT # at Neutral
Captain Ross Barnes

Dive Results/Remarks: Sponge site, collection, deployment, and monitoring of 3 study sites. 0840 Land on a steep slope of sand and basalt outcrops. Move upslope to 482m. Move North along slope. 0912 482m at marker #4. 6 out of 10 transplanted sponges are still present and thriving. Plant 9 sponge stalk settling stakes near #4 marker. Move upslope to marker #14 at 1014 1034 Locate marker #14 at 438m. Plant 10 sponge stalk settling stakes. 1158 Move upslope to 400m. 1207 Conduct a 20 min transect to the SE. Move upslope to 360m. 1242 Begin transect for 20min to the NW. 1305 End transect. Move upslope. 1327 Locate marker #41. Plant 9 sponge stalk settling stakes at Marker #41. 1417 Move back downslope to #14 marker 1438 At Marker #14. Recover current meter after collecting 10 Sponges.

Equipment Deficiencies: Orion Manipulator not operational.

Pilot Terry Kerby Date 11/23/02

Ops. Mgr. T Kerby Date 11/23/02