Rev. 11-21-09

PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-231 Date: Jan. 17, 2010

Observer 1: Tony Montgomery

Affiliation: Aquatics Resources Dive Location: Maui

Observer 2: Roy Boland Latitude: 20° 55.787

Affiliation: NOAA Longitude: 156°46.010

Purpose: (Research) Training Test Time of Dive: 0803

Other: Time of Surface: 1622

Special Equipment: Time Submerged: 8:19

Cameras: Mini Zeus HD - ROS Time Thru Last Dive: 1643:24

Manipulators: ORION - HYCO Total Time to Dive: 1651:43

Samplers/Sensors: CTD. Sample baskets. Dive Depth: 165m

Water Depth: 165m

Support Vessel: R/V Kaimikai-O-Kanaloa Water Temperature: 19.7°@ 165m

Captain: Ross Barnes Visibility:

Dive Results/Remarks: 0818 Land on a sand and rock rubble bottom in 69m. Tracking problems on KOK. 0848 Move east. 0924 76m. Deploy marker #2 near dead black coral tree. 0931 Start first transect. Moving E. 0947 78m. End of transect. 0952 Deploy marker #4. 1022 114m Moving to the Northeast to search for Data logger marker #14. 1047 165m moving NE. 1121 158m Locate marker #14. 1123 Recover marker #14. Datalogger is still active. Move upslope 1129 Locate marker #16 at 134m. 1133 Recover marker #16. 1135 Move upslope. 1142 116m Locate Marker #15. 1144 Recover marker #15. Move upslope. 1148 102m Locate marker #17. 1152 Recover marker #17. Move upslope to the East. 1215 88m collect coral sample. Locate marker #12. Recover marker #12. 1225 Move upslope. 1237 Locate and recover marker #13. Deploy marker #18 at 69m. 1238 69m. Begin transect to marker #3. 1254 Locate mystery Marker at 64m. 1311 Continue transect. 1326 Searching for #3. 1348 Cannot locate #3. 1349 Transect to NNW. 1445 Collect sampler at 87m 1500 Deploy #19 at 66m. 1600 Leave the bottom from 96m.

Pilot's Signature: Terry Kerby Date: 1·18·10

Operations Director: Terry Kerby Date: 1·18·10

For equipment deficiencies, refer to maintenance logs.