Rev. 10-22-04

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-197 Date: OCTOBER 22, 2007

Observer 1: RUNI MORAN

Affiliation: SCUBANAUTS Dive Location: DEFENSIVE SEA AREA, OAHU

Observer 2: BRYAN MILLER Latitude: [redacted]

Affiliation: WILDLIFE PRODUCTIONS Longitude:

Purpose: (Research) Training Test Time of Dive: 1026

Other: DOCUMENTARY FILMING Time of Surface: 1544

Special Equipment: Time Submerged: 5:18

Cameras: SONY DV, ROS Time Thru Last Dive: 1397:02

Manipulators: ORION, INYCO Total Time to Dive: 1402:20

Samplers/Sensors: CTD-DO, SAMPLE CRATE Dive Depth: 454 m

Water Depth: 454 m

Support Vessel: R/V KAIMIKAI-O-KANALOA Water Temperature: 8.3°C @ 415 m

Captain: ROSS BARNES Visibility: FAIR, 15+ m

Dive Results/Remarks: DIVE TO "WARD'S MIDGET" RUD BEYOND FOR PURPOSE OF DOCUMENTING SCUBANAUT'S "DEEP CLIMB" PROJECT. 1055 land on bottom in a flat, sandy area at 415 m. Adjusting trim of sub by pumping out about 30 lbs of water ballast. 1116 move NE toward Ward's midget to rendezvous with PISCES V. 1200 407 m operating around Ward's Midget, obtaining sub-to-sub footage. 1326 following P5 to S after completing operations at midget sub. 1359 434 m photographing soft coral on larger solitary boulder. 1401 continue SSW, diverging from P5. 1446 ~~1445~~ 454 m observing field of M6 "HEDGE HOG" anti-submarine warfare projectiles. A total of 8 were counted in a ~~[redacted]~~ semi-circular pattern. 1501 451 m final position before leaving the bottom. 1505 leaving the bottom from 451 m. Make a normal recovery.

Equipment Deficiencies: Sub was very heavy. Ability hydraulics erratic. Trim level indication OOC.

Pilot's Signature: Date: 10-29-07

Operations Director: Date: 10.30.07