PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-152 Date: AUGUST 17, 2005

Observer 1: DAVE CONLIN

Affiliation: NATIONAL PARK SERVICE Dive Location: [redacted]

Observer 2: KELLY GLEASON Latitude:

Affiliation: NATIONAL MARINE SANCTUARIES Longitude: PEARL HARBOR DEFENSIVE AREA

Purpose: (Research) Training Test Time of Dive: 1002

Other: Time of Surface: 1631

Special Equipment: Time Submerged: 6:29

Cameras: SONY DV, ROS COLOR, HAND HELD STILL Time Thru Last Dive: 1097:38

Manipulators: HYCO, ORION Total Time to Dive: 1104:07

Samplers/Sensors: Corrosion tester, Dive Depth: 409 m

SEABIRD CTD to be deployed Water Depth: 409 m

Support Vessel: R/V KAIMIKAI-O-KANALOA Water Temperature: refer to CTD data

Captain: ROSS BARNES Visibility: GOOD, 20 m

Dive Results/Remarks: ENVIRONMENTAL SURVEY WORK ON "WARD'S MIDGET". 1035 409m land on flat, sandy bottom to the W of the midget submarine. At first, underwater communication did not operate due to drained battery dedicated to this system. Power source was switched to main 24V distribution, comms worked ok then. 1057 move E toward midget sub. 1109 arrive at midget sub where P5 is already working. 1115 deploy CTD behind rock close to the port side of the stern of the midget sub. 1130 move toward hull of midget sub to get video coverage of Pisces 5 and commence corrosion testing. Continue ~~corrosi~~ corrosion testing on stern section until 1455. 1502 leave bottom from 409m after moving away from the "Ward's Midget" toward S. Make a normal recovery.

Equipment Deficiencies:

Pilot's Signature: Date: AUGUST 17, 2005

Operations Director: Terry Kerby Date: 8/20/05