

## PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-608 Date: MARCH 17, 2005  
 Observer 1: STEVE PRICE (PIT)  
 Affiliation: HURL Dive Location: OFF BARBER'S PT, ORHO  
 Observer 2: JOHN SMITH Latitude: XXXXXXXXXX  
 Affiliation: HURL Longitude: XXXXXXXXXX  
 Purpose: Research Training Test  
 Other: \_\_\_\_\_  
 Special Equipment: \_\_\_\_\_  
 Cameras: SONY DV, ROS COLOR  
 Manipulators: TITAN 7F, HYCO  
 Samplers/Sensors: CTD-DO  
 Support Vessel: R/V KAIMUKAI-O-KANALOIA  
 Captain: ROSS BARNES

Time of Dive: 0852  
 Time of Surface: 1644  
 Time Submerged: 7:52  
 Time Thru Last Dive: 4015:39  
 Total Time to Dive: 4023:31  
 Dive Depth: 810m  
 Water Depth: 810m  
 Water Temperature: 3.4°C @ 810m  
 Visibility: GOOD 15-20m

Dive Results/Remarks: Second test and training dive prior to 2005  
dive season. 0937 790m landing on bottom in flat, sandy area.  
0949 moving ESE to examine sonar contacts. 1001 791m moving around  
large basaltic flow feature. 1003 locate debris of heat or explosion  
damaged wreckage. 1023 commencing tracking exercise #1, Pisces IV  
successfully tracks down PS. 1120 move E, Pisces IV moves SE.  
1200 758m setting up for tracking exercise #2, Pisces V tracks Pisces IV.  
Pisces V cannot hear Pisces IV's 27 or 10 kHz pinger. Even after joining up  
again, the Pisces IV's transmissions in pinger mode are not <sup>picked up</sup> received by the  
Pisces V's receiver. 1335 810m locate wreckage of very large vessel which  
was identified as the stern section of the IJN's I-401 submarine.  
1415 surveying I-401 in conjunction with Pisces IV. 1551 leave the  
bottom from 810m. Make a normal recovery.

Equipment Deficiencies: The BENTHOS receiver mounted on Pisces V  
did not work.

Pilot's Signature:  Date: 4-1-05

Operations Director:  Date: 4-3-05