

PISCES V DIVE REPORT

Pilot D. Foster Wt. _____ Dive Number PS-201
 Observer M. Burton Wt. _____ Date 29 Jul 92
 Observer Title/Affil. _____
U of Hi
 Observer C. Allen Wt. _____
 Observer Title/Affil. _____
U of Hi
 Dive Location Penguin Bank Time of Dive _____ 0845
 Lat. 20° 53' N Long. 157° 38' W Time of Surface _____ 1554
 Purpose: Research Training Demo Time Submerged _____ 7:09
 Other _____ Time Thru Last Dive _____ 1095:54
 Total Time to Dive _____ 1103:03
 Special Equip.: Dive Depth _____ 600 m
 Camera (type) 35mm Water Depth _____ 600 m 1968'
 Manipulator Hico; Scuba Water Temp. _____ 3°C
 Other Current Meter; Settling Tray Visibility _____ 70'
 Support Vessel KLS ABT # at Neutral _____
 Captain R. Bourse

Dive Results/Remarks: Landed at 50m. Immediate
indication of leak in STBD battery box. Resurfaced
to allow diver to inspect batts and leak detector
cabling. No water visible in battery drain
hose, cabling seems good. Resubmerged.
Moved south to dropoff at 75m and
down to 300m. Deployed tray with pinger
(27 kHz, 1 sec.). Made current measurement.
Moved downslope, southeast, to 600m. Deployed
tray at 605m, took current measurement.
Travelled upslope to 275m, tried to locate pinger.

Equipment Deficiencies: No luck. Left bottom from 275m.

- Leak indicated in STBD BATT BOX
- Batt's low in O₂ meter - STBD.
- STBD 1000W LITE INOP.
- Fwd O₂ Meter inop.

Pilot D. Foster Date 30 Jul 92
 Ops. Mgr T. Kelly Date July 31 92