

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number # 129
 Observer R. Myashiro Wt. _____ Date Nov. 17, 1989
 Observer Title/Affil. M.O.R.

 Observer _____ Wt. _____
 Observer Title/Affil. _____

 Dive Location Maui Narrows Time of Dive 0704
 Lat. 20° 35.3' N Long. 156° 4.2' W Time of Surface 1420
 Purpose: Research Training Demo Time Submerged 7:16
 Other Survey Test Cable Lay Time Thru Last Dive 642:25
 Special Equip.: Total Time to Dive 649:41
 Camera (type) Osprey TVP, Panasonic Dive Depth 1260m
 Manipulator Schilling Water Depth 1260m
 Other _____ Water Temp. _____
 _____ Visibility _____
 _____ ABT # at Neutral

Dive Results/Remarks: Hawaii Deep Water Cable Survey. Moving
up slope in Maui Narrows area along cable.
Landed in 1250m on flat sandy bottom. Valve failure in
seawater pump causes trim tank to fill. Release ascent weights to
get light enough to move sub. Begin survey of cable up slope to
Maui Narrows area. Cable moves across bottom at one point while
sub is sitting on cable.
Sub is very heavy. Continue moving upslope by moving on
side over a sand and silt bottom. Get through Maui Narrows
area. 1300 Power too low to continue. Blow soft ballast in tanks at
970m. Sub still too heavy to lift off bottom but buoyancy is enough for
thrusters to overcome weight. Make a normal recovery in 12-15ft seas.
Complete survey taking cable tensions.

Equipment Deficiencies: Valve failure in seawater pump. Comp
bladder tear in Hydraulic motor. Hydraulic motor comp
fluid loss has caused the comp bladder to press against the
back of the motor and tear on one of the bolts on the back of
the motor

Pilot T. Kerby Date 11/17/89
 Ops. Mgr T. Kerby Date 11/17/89