

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number 131
 Observer R. Myshiro Wt. _____ Date 21 Nov. 1989
 Observer Title/Affil. _____
Makai Ocean Engineering
 Observer _____ Wt. _____
 Observer Title/Affil. _____ Time of Dive 0730
 Time of Surface 1546
 Dive Location Kahala Slope Aleutian Ch. Time Submerged 8:16
 Lat. 20°29' N Long. 156°1.2' W Time Thru Last Dive 657:15
 Purpose: Research Training Demo Total Time to Dive 665:31
 Other Cable Survey Dive Depth 1520m 4985'
 Special Equip.: Water Depth 1520m
 Camera (type) Osprey TVP - Panasonic Water Temp. _____
 Manipulator Schilling Visibility _____
 Other _____ ABT # at Neutral

Dive Results/Remarks: Land on rough rock and gravel bottom
slightly to the East of the cable. Move west, locate the cable,
take tension measurement and begin moving upslope to survey
the condition of the cable.
Tensioner is pried out of manipulator claw when it contacts
the bottom during maneuvering on steep rocky slope near the ~~bottom~~ cable
Must try to stow tensioner on basket after each tension measurement.
Move through rugged boulder area. Long span in cable. Move
to top of span then back down to get tension measurement. Armature
in Hyd. pump motor burns out. Cannot get any more tension measurements
Move along cable on flats. Ascend from XPDR #10.
Make a normal recovery

Equipment Deficiencies: Hydraulic pump motor armature burns out.
Motor housing full of seawater. Lost comp oil from excessive
use to operate schilling manipulator to continually recover cable
tensioner.

Pilot Terry Kerby Date 11/21/89
 Ops. Mgr TJK Date 11/21/89