

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_ Dive Number 278  
 Observer C. Young Wt. \_\_\_\_\_ Date July 16, 1996  
 Observer Title/Affil. \_\_\_\_\_  
Herbor Branch Foundation  
 Observer Poland Emson Wt. \_\_\_\_\_  
 Observer Title/Affil. Kings College Time of Dive 1043  
London, University Time of Surface 1743  
 Dive Location Off of Keiua Kona, Hi. Time Submerged 7:00  
 Lat. 19°36.4'N Long. 156° 04.2'W Time Thru Last Dive 1576:28  
 Purpose: Research Training Demo Total Time to Dive 1583:28  
 Other \_\_\_\_\_ Dive Depth 1700  
 Special Equip.: \_\_\_\_\_ Water Depth 1700  
 Camera (type) Sony-Panasonic Photom Water Temp. \_\_\_\_\_  
 Manipulator Titan-HYCO Visibility \_\_\_\_\_  
 Other \_\_\_\_\_ ABT # at Neutral

Support Vessel Kaimikai-O-Kenaloa Captain R. Hayes  
 Dive Results/Remarks: Land on a sand and fine silt bottom  
in 1660m. Gradual sloping barren terrain. Begin moving  
down slope to the WSW. Searching for urchins, sponges  
and gorgonians with brittlestars. Locate occasional  
basalt outcrops with plant and animal life. Collect  
sponges and gorgonians. Can only use HYCO erm in a  
limited capacity for collecting. Move down to 1700m.  
Fill box from five different sites. No urchins. Begin moving  
upslope from 1700m. Locate a small population of the urch  
we are searching for. (Multispina Physocystis) Collect two  
urchins. Leave the bottom from the urchin area at 1682m in  
position L 19°36.4'N λ 156° 04.3'W

Equipment Deficiencies: Titan Arm wrist rotate not functional (cannot  
rotate) HYCO erm not rotating. Current meter non functional,  
HYD. oil leak in jettison panel.

Pilot Terry Kerby Date 7/17/96  
 Ops. Mgr TKK Date 7/17/96