

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____ Dive Number PV 319
 Observer Tym Catterson Wt. _____ Date Aug. 11, 1997
 Observer Title/Affil. _____

Observer _____ Wt. _____
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Dive Location Memala Bay, S. Oahu Time of Dive 0900
 Lat. 21° 14.978' N Long. 157° 52.567' W Time of Surface 1428
 Time Submerged 5:28

Purpose: Research (Training) Demo Time Thru Last Dive 1916:03
 Total Time to Dive 1921:31
 Other Salvage Dive Depth 475 m

Special Equip.: Collecting Basket, Hyd. Cutter Water Depth 475 m

Camera (type) Sony, Panasonic, Photoses Water Temp. 7.2°C @ 475 m

Manipulator HYCO, Schilling Visibility _____

Other _____ ABT # at Neutral _____

Support Vessel R/V Kaimikai-O-Kanaka Captain Bob Hayes

Dive Results/Remarks: Land on a flat sandy bottom. Very slight current moving NW. Moving 050° 200m to target. Tracking USGS current meter array to attempt to send it to the surface. Surface tracking has array as a target and gives ranges and bearings until sub is within 50m. Surface secures sub tracking to eliminate multiple signals so sub can track single 12 kHz response signal from array. Locate array @ 1058. Array has not released, and is not fouled in any bottom debris. Sub backed away while release codes are transmitted to two releasing XPDRs. No response. Move to array. Hover off the bottom about 8 ft. with basket frame against bridle chain at the bottom of the XPDRs. Probe release mechanism with titen manipulator. 12:11 Free release with titen arm. Array surfaces. Continue with pilot training dive.

Equipment Deficiencies: Digital depth gauge is inoperative. Interference on Sony digital camera from thrusters and Hyd. motor. 5thol 1000 watt light out.

Pilot Terry Kerby Date 8/12/97
 Ops. Mgr T.R. Kerby Date 8/12/97