

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____
 Observer Amy Beck Taylor Wt. _____
 Observer Title/Affil. USFV
Scott Murakami
 Observer _____ Wt. _____
 Observer Title/Affil. _____

Dive # 449
 Date Sept. 28, 2000

Dive Location Between Kauai and Niihau
 Lat. 21° 54.15' N Long. 159° 56.40'
 Purpose: Research Training Demo
 Other: _____
 Special Equipment:
 Camera (type) Sony/Panasonic
 Manipulator Titan/Hyco
 Other _____
 Support Vessel R/V Kaimikai-O-Kanaloa

Time of Dive 1305
 Time of Surface 1705
 Time Submerged 4:00
 Time Thru Last Dive 2847:20
 Total Time to Dive 2851:20
 Dive Depth 533m
 Water Depth 533m
 Water Temp. 7.1°C @ 533m
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

Dive Results/Remarks: Move to site in submarine op area between Kauai and Niihau. Position is based on dredge results for precious corals by Rick Grigg from early research. 1335 On the bottom in 529m in rocky terrain. Strong southerly current has carried the Pisces V south of the intended dive site into deeper water. Move upslope to the North against a strong southerly current. Make little headway. Bottom is covered with a variety of soft and hard corals. Collecting bits from red coral trees (Corallium Regal) Collect samples 1-15 in box #3 and 1-7 in box #4. Encounter 1/2 inch poly pro line taut in mid water about 7' off the bottom. No gold or pink coral up to 479m, but area holds promise of corals at shallower depths. Do not cover much ground due to strong downslope current.

Equipment Deficiencies: High ground 24v - side, High gnd 120V camera 250 ft. LBL xodr not working, air leak through port bellast soft tank blow valve.

Pilot Terry Kerby
 Ops. Mgr. TKR

Date 9/29/00
 Date 9/29/00