

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Adde Pile Wt. _____
 Observer Title/Affil. Flinders University of South Australia
 Observer Thomas Prowse Wt. _____
 Observer Title/Affil. Flinders University of South Australia
 Dive Location Off of Kona
 Lat. 19° 37.742' N Long. 156° 02.048' W (#14)
 Purpose: Research Training Demo
 Other: _____
 Special Equipment:
 Camera (type) Sony digital - Panasonic - CCD
 Manipulator _____
 Other _____
 Support Vessel R/V Kaimikai-O-Kenaloa

Dive # PV-485
 Date December 4, 2001
 Time of Dive 0825
 Time of Surface 1615
 Time Submerged 7:50
 Time Thru Last Dive 3087:06
 Total Time to Dive 3094:56
 Dive Depth 585m 6.8°C
 Water Depth 505m
 Water Temp. 6.8°C @ 505m
 Visibility _____
 ABT # at Neutral _____
 Captain Bob Hayes

Dive Results/Remarks: Sponge Study Site dive. 0901 On the bottom in an area of basalt ridges with sandy channels at 425m. 0907 Moving upslope to marker #14. 0923 437m at #14. Move upslope in sponge field to get away from marker #14 and transplanted control sponges to conduct dye experiments. 1047 430m Conducting dye experiment. 1113 Conducted dye experiment on 5 sponges. 1152 Collect 4 sponges at 439m for transplanting to marker 41 site. 1230 338m at marker #41 site. Planting sponges. 1317 Attempted to plant 4 sponges with limited success. Downslope current and fine silty bottom sediment make planting conditions difficult. Move downslope to nearest congregation of sponges to collect smaller sponges. 1331 364m Collecting sponges. 1334 Collected five sponges. Move back upslope to marker 41 site. 1400 At #41 site. Plant Equipment Deficiencies: 2 sponges. Move downslope to #14. 1425 At #14. Take 4 push core samples. Move downslope to #4 at 1443 1500 At #4. Transplanted sponges look good. 1505 Move downslope to 500m 505m. Move upslope to 300m taking water samples. 1545 301m Leave the bottom.

Pilot Terry Kerby
 Ops. Mgr. [Signature]

Date 12/6/01
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