

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-591 Date: October 12, 2004
 Observer: Amy Baco-Taylor
 Observer Title/Affil.: WHOI Dive Location: Cross Seamount
 Observer: Tom Shirely Latitude: 18° 42.589' N
 Observer Title/Affil.: University of Alaska Longitude: 158° 15.664' W
Fairbanks at Juneau Time of Dive: 0820
 Purpose: Research Training Test Time of Surface: 1640
 Other: _____ Time Submerged: 8:20
 Special Equipment (Cameras, Manipulators, Samplers, etc.) Time Thru Last Dive: 3882:17
Sony DV, EOS color Total Time to Dive: 3890:37
HYCO (Titan inoperable) Dive Depth: 397m
 Support Vessel: R/V Kaimikai-O-Kenaloa Water Depth: 397m
 Captain: Ross Barnes Water Temperature: 8.7°C @ 397m
 Visibility: 20m Clear

Dive Results/Remarks: Coral collecting and survey dive. 0849
Land on a rocky bottom with wide sandy patches in 383m.
Move to the east. 0918 375m. Into an area of rocky ridges with
10m high vertical walls and sandy channels in between. Gold
coral in abundance on ridges and along edges of vertical
walls. Collecting samples with HYCO arm in 2 bio-boxes.
0959 Move to the north. 1014 381m Move north over a broad
rocky ridge with no corals. 1059 370m. on a rocky ridge with
a wide diversity of corals. Many gold coral trees of medium size.
Have observed numerous medium sized gold coral skeletons that
have been broken off with the base. Have also observed many fishing
lines fouled on the bottom during every dive. 1113 Collecting
samples of corals and biota inhabiting the coral trees. 1146 366m
Transiting in an area of steep walled rocky ridges with sandy channels. 1237
Equipment Deficiencies: Transect along a coral covered ridge. 1312 367m Locate
ascend wt. drop shot piles on ridge possibly from 2001 dive. 1317 Moving to the NW.
1401 367m Move up a wall with gold coral. Conduct survey of area. 1457 Move west
over sandy terrain with rocky outcrops. No coral. 1535 Collecting more samples. 1601 Leave the
bottom from 397m.

Pilot's Signature: Terry Kerby Date: Oct. 13, 2004
 Operations Director: Terry Kerby Date: 10/13/04