

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer John Smith Wt. _____
 Observer Title/Affil. HURL

Dive # PV-544
 Date November 2, 2003

Observer Amy Baco-Taylor Wt. _____
 Observer Title/Affil. WHOI

Dive Location Necker Seamount
 Lat. 23° 19.459'N Long. 163° 41.294
 Purpose: Research Training Demo
 Other: _____

Time of Dive 0804
 Time of Surface 1710
 Time Submerged 9:06
 Time Thru Last Dive 3544:02
 Total Time to Dive 3553:08
 Dive Depth 1808m
 Water Depth 1808m
 Water Temp. 11.4°C @ 1700m
 Visibility _____
 ABT # at Neutral _____
 Captain Ross Barnes

Special Equipment:
 Camera (type) Sony digital - ROS Color - B&W
 Manipulator Titan - Hyco
 Other _____
 Support Vessel R/V Kaimikai-O-Kenaloa

Dive Results/Remarks: Seamount exploration dive. 0847 Landed
a rocky slope at 1806m. Low angle basalt rubble with a sediment
covering. 1022 Collect rock samples at 1803m. Collect coral samples.
1031 Begin transect to the East. 1058 1808m Collecting coral and
rock samples during transect. 1150 Move upslope to the south Southeast.
1216 1723m Collect coral. 1313 1442m Collect sponges and corals.
1343 1327m Moving upslope to the SSE. 1348 1325m Collect rock sample.
1448 Ascended a vertical basalt wall of manganese encrusted columnar
basalt formations with sponges and large coral trees. On the
summit at 1076m. Collect coral samples. 1446 Move back down
the wall to 1145m. 1506 Begin transect at 1145m. See one grimpetretus
octopus, one hydrabus, and 3 crotchetus octopus during transect. Video on
crotchetus. End transect at 1530 at 1149m. 1535 1149m Leave the
bottom. Make a normal recovery.

Equipment Deficiencies: Titan manipulator is misbehaving.

Pilot Terry Kerby
 Ops. Mgr. TRV

Date 11/3/03
 Date Nov. 3, 2003