

PISCES V DIVE REPORT

Pilot <u>Terry Kerby</u>	Wt. _____	Dive # <u>PN . 532</u>
Observer <u>John Smith</u>	Wt. _____	Date <u>October 18, 2003</u>
Observer Title/Affil. <u>HURL</u>		
Observer <u>Amy Baco-Taylor</u>	Wt. _____	Time of Dive <u>0800</u>
Observer Title/Affil. <u>WHOI</u>		Time of Surface <u>1722</u>
Dive Location <u>Laysan Seamount - ^{pinnacle feature} South Rift</u>		Time Submerged <u>9:16</u>
Lat. <u>25° 42.187' N</u> Long. <u>171° 27.248' W</u>		Time Thru Last Dive <u>3447:20</u>
Purpose: <input checked="" type="checkbox"/> Research <input type="checkbox"/> Training <input type="checkbox"/> Demo		Total Time to Dive <u>3456:36</u>
Other: _____		Dive Depth <u>1809^m</u>
Special Equipment:		Water Depth <u>1809^m</u>
Camera (type) <u>Sony digital-</u>		Water Temp. <u>1.4°C @ 1809^m</u>
Manipulator <u>Titan - HYCO</u>		Visibility _____
Other _____		ABT # at Neutral _____
Support Vessel <u>R/V Kaimikei-o-Kanaloa</u>		Captain <u>Ross Barnes</u>

Dive Results/Remarks: Seamount exploration dive. Dive to pinnacle feature removed from main seamount. 0944 1807^m. Land on a low angle bottom with basalt or manganese covered carbonate rubble covering. Basalt or Manganese coated carbonate boulders. 1034 Collect ridarians. 1034 Begin transect south at 1807^m. 1054 Have collected 10 samples. 1809^m moving to the south. 1143 Collecting rocks 1246 Completed transect move upslope to the East. 1259 1681^m Move up a wall. Collecting samples off of a wall of basalt or manganese coated carbonate. 1420 1489^m on the summit of the wall just ascended. Large sponges and corallium. Collecting samples on wall and summit. Move to the North. Discover a series of summit features with flat mesa like tops with dense corals and sponges. Encounter more large sponges and large colonies of the light magenta colored corallium. 1546 Collect a large dead coral tree and leave the bottom from 1507^m. 1656 300^m. Port thruster motor

Pilot <u>Terry Kerby</u>	Date <u>October 22, 2003</u>
Ops. Mgr. <u>[Signature]</u>	Date <u>10/22/2003</u>