

PISCES V DIVE REPORT

Pilot T. Kerby Wt. _____ Dive Number P 5-250
 Observer P. Verlaan Wt. _____ Date Sept. 30, 1993
 Observer Title/Affil. U. of H.

Observer R. Fitzhardinge Wt. _____
 Observer Title/Affil. U of Sydney

Dive Location Cross Seamount Time of Dive 0725

Lat. 18°44.0'N Long. 158°14.5'W Time of Surface 1530

Purpose: Research Training Demo Time Submerged 8:05

Other Search for 460m tray site. Time Thru Last Dive 1405:41

Special Equip.: Dive Depth 500m

Camera (type) Photosea-Sony-Panasonic Water Depth 500m

Manipulator Titan (Schilling) HYCO Water Temp. 7.9°C

Other Collecting box Visibility _____

Support Vessel R/V Kila. ABT # at Neutral _____

Captain R. Barnes

Dive Results/Remarks: Seas Calm. Launch on N.E. Side at southern point

from last search for 460m tray site. Land in 500m on a flat sandy
bottom with thin veins of basalt protruding through the sand. Move S.S.E.
come into area of large basalt blocks, then into an area of large
vertical dike formations with some signs of old reef structure at
455m. Maintain 455m contour along wall. Rugged vertical wall
with sharp aretes and overhanging roofs. Some vertical columns
have seperated from the wall and formed sharp angled pinnacles.

Many corals grow on the wall, including large gold coral trees. A
shelf at the base of the wall is made up of loose debris, that has fallen
down from the wall. There are numerous dead gold coral trees along this
shelf. From the southern end of the wall the terrain changes to a gradual
slope with large basalt boulders. We are unable to conduct a contour

Equipment Deficiencies: Search in this terrain. We move back North North
West from position 18°43.18'N 158°14.21'W. Search wall area again
moving NNW. to starting point. Leave the bottom from 460m.

Make a normal recovery

Pilot T. Kerby Date 9/30/93
 Ops. Mgr T. Kerby Date 9/30/93