

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_  
 Observer Bruce Nelson Wt. \_\_\_\_\_  
 Observer Title/Affil. Univ. of Washington

Dive # PV-293  
 Date Sept. 3, 1996

Observer Juan Carlos Cerracedo Wt. \_\_\_\_\_  
 Observer Title/Affil. Canary Islands Volcano  
 observatory

Time of Dive 0825

Dive Location N.E. Coast of Molokai  
 Lat. 21° 18.24' N Long. 156° 53.4' W

Time of Surface 1719

Purpose: Research Training Demo

Time Submerged 8:54

Other: Collecting Basket

Time Thru Last Dive 1698:51

Special Equipment:

Total Time to Dive 1707:45

Camera (type) Sony/Photosea/Panasonic

Dive Depth 1561m

Manipulator Titan - Hyco

Water Depth 1561m

Other \_\_\_\_\_

Water Temp. 1.8°C @ 1561m

Visibility \_\_\_\_\_

Support Vessel Keimikei-O-Kenaloa

ABT # at Neutral \_\_\_\_\_

Captain R. Hayes

Dive Results/Remarks: Land on a rippled sandy bottom in 1561m. Moving upslope to the west. Come to basalt formations at 1552m. Collect rocks #1 & #2. Move up slope to the west. Begin moving up steep walls that are capped with a steep silt slope. Encounter a large band of columnar basalt at 1500m. Very undercut creating broad overhangs. Sample #3 from base of columnar basalt wall. Move to the west up vertical walls. Collect #4 from pillow flows at 1466m. Collect #5 at a layer of carbonite at 1423m. Move up well. More vertical sedimentary walls with a black crust. Begin transit south along wall from 1343m descending as we move south.

Equipment Deficiencies: On sediment covered valley floor at 1488m. Move across valley to the SE to canyon wall. Move up silt/mud slope from 1408m. Collect #6 from clay outcrop at 1272m. Make a long midwater transit to the NE to another steep canyon wall. Locate a steep silt/clay slope at 1297m. Transit N and descend. Locate vertical walls. Locate basalt at 1437m. Sample basalt from dyke layer, and from covering layer of basalt conglomerate. Leave the bottom from 1403m.

Pilot Terry Kerby

Date 9/4/96

Ops. Mgr. [Signature]

Date 9/4/96