

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Co-Pilot. Chuck Holloway Wt. _____
 Observer Title/Affil. HURL Sub Ops.

Dive # PV-346
 Date Jan. 22, 1998

Observer Fred Duennebier Wt. _____
 Observer Title/Affil. U of H.

Time of Dive 0802

Dive Location Loihi - East Summit
 Lat. 18° 54.716' N Long. 155° 14.651' W

Time of Surface 1723

Purpose: Research Training Demo

Time Submerged 9:21

Other: _____

Time Thru Last Dive 2123:51

Special Equipment:

Total Time to Dive 2133:12

Camera (type) (VDO) Sony, Panasonic (6111) Photosea

Dive Depth 1202^m

Manipulator Titen - HYCO

Water Depth 1202^m

Other _____

Water Temp. 3.7°C @ 1202^m

Support Vessel R/V Kaimikai - O - Kenaloa

Visibility _____

ABT # at Neutral _____

Captain Bob Hayes

Dive Results/Remarks: 0904 Land on a mud bottom in 1197^m Move to the SW. 0926 Locate HUGO with tracking pinger. Land on port side of HUGO. Disconnect test connector from #2 and place in basket. Plug dummy into #1. Hydrophone into #2. Take sediment scoop 1031. Move to STBD side of junction box using Tritech Sonar. Position Pisces in front of connector bay #6 in zero visibility using Sonar. Test connector #6. 1217 Drop test connector at port #9. It vanishes under the mud. 1233 Recover test connector. 1239 Test connector in #9. 1254 Remove test connector. Dummy in #9. 1259 Move back to port side of HUGO using Tritech Sonar to position pisces in front of connector port #2 area. 1359 Remove hydrophone, place in basket. Equipment Deficiencies: Dummy plug in bay #2. 1400 Move to the NE to locate vents. Moving in thick silt clouds. Locate chimneys to the NE of HUGO. Move NW to locate HUGO cable. 1441 Locate cable. Moving N. along cable. 1508 Passing ascent wts. from dive # 344. @ 1151^m. 1542 Moving along long cable spans. Cable passes under a cliff face with loose boulder. 1111^m Right Center C-12. Land on a rocky summit where cable touches down before continuing another long span. 1407. Leave the bottom from 1094^m Leave drop wts near cable.

Pilot Terry Kerby

Date 1/23/98

Ops. Mgr. JRK

Date 1/23/98