

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. _____
 Observer Chuck Holloway (PIT) Wt. _____
 Observer Title/Affil. HURL sub ops.

Dive # PV-408
 Date Oct. 26, 1998

Observer Fred Duennebier Wt. _____
 Observer Title/Affil. UofH.

Time of Dive 0810

Time of Surface 1258

Dive Location Loihi, East Summit, HUGO site.

Time Submerged 4:48

Lat. 18°59.72'N Long. 155°19.65'W

Time Thru Last Dive 2603:45

Purpose: ~~Research~~ Training Demo

Total Time to Dive 2608:33

Other: Test HUGO Junction Box

Dive Depth 1202m

Special Equipment:

Water Depth 1202m

Camera (type) video, Digital, Still.

Water Temp. 3.2°C @ 1200

Manipulator Titan, Hyco

Visibility _____

Other _____

ABT # at Neutral _____

Support Vessel R/V Keimihai-O-Kanaloa

Captain Bob Hayes

Dive Results/Remarks: Dive to locate HUGO and mark it with a pinger
the locate the test battery pack dropped from the KOK, then
transport the battery pack to HUGO and test the Junction box. Sees
rough. 0922 on the bottom in 1200m. Pinger is not working
properly. Begin search for HUGO. 0945 Locate a hot water vent.
Temp. 11.5°C. This is the same vent that was discovered on dive
PV-345. HUGO is 50m to the SW of vent area. 0955 locate
HUGO. Deploy 37 Khz transponder. 1004 Moving N. to locate
Battery Test Package. 1011 Locate Test Package. The surface tag
line that fouled in the package during deployment and had to be
cut is fouled all around the package. I must untangle about 40'
 Equipment Deficiencies: of line. Clear line from package and bury it in the
mud next to test package descent wt. 1199m 1030 Start back to HUGO with
test package. 1052 Arrive at HUGO. Disconnect shunt regulator connector.
1106 Plug in Test Package connector and turn on switch. HUGO is
activated. 1113 Recover pinger. Surface advises terminating dive
due to deteriorating weather conditions. 1129 Leave the bottom.

Pilot T. Kerby

Date 10/27/98

Ops. Mgr. PK

Date 10/27/98