

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5-066

## MISSION STATUS

Location: Hualalai Rift Zone. 400 m. reef  
Mission Date: June 4, 1988  
Maximum Depth: 460 m.  
Project Title: Hualalai Rift Zone  
Project Leader: J.G. Moore  
Address: U.S. Geological Survey  
Menlo Park, CA 94025

Phone: (415) 329-5244

Observers: Robert Halley

Address: U.S. Geological Survey  
Quissett Campus, Bldg. B  
Woods Hole, Mass. 02543

Scientific Data Acquired : Prepare an abstract outlining your objectives, techniques, findings, etc.

This dive followed the face of the 400 m. reef, and acquired several good coral samples from it for dating. Also found one massive lava flow that draped the reef.

## MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Near end of dive, port thruster developed problems.

Recommendations for corrective action or improvement:

This was later corrected.

In your opinion, did the mission essentially achieve its purpose? Compare actual work accomplished with the work that was expected to be accomplished.

Yes, dive was successful. Did establish that this reef (120 ka) is draped by a younger lava flow from Hualalai volcano thus putting max. constraint on its age.

List specimens or samples collected on the mission.

1(A) coral  
  (B) coral  
2 coral  
3(A) basalt  
3(B) coral  
4 basalt  
5 basalt