

HAWAII UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT MISSION NO. P5-078

MISSION STATUS

Location: South Point, Hawaii
Mission Date: June 23, 1988
Maximum Depth: 480 m.
Project Title: South Point, Hawaii
Project Leader: Jim Moore
Address: U.S. Geological Survey, M/S 910
Menlo Park, CA 94025

Phone: (415) 329-5244
Observers: Bill Normark, Jim Moore
Address: U.S. Geological Survey
Menlo Park, CA 94025

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

Objective was to observe crest of rift zone ridge and determine if any volcanic vents penetrated (and hence are younger) than 150 m. reef terrace. Also to determine depth of reef slope break and collect samples of reef material for dating.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Attacked by large fish and two lights extinguished.

Recommendations for corrective action or improvement:

None possible.

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

Yes. Determined that reef edge here about 155 m. deep. No post reef vol. activity. Collected 3 good coral samples for dating including one large one (30 lb.) for cutting to obtain pristine interior pieces.

List specimens or samples collected on the mission.

1. basalt
2. basalt
3. basalt
4. coral
5. coral
6. coral (large)

DATA RELEASE

Data may be retained by the project leader for up to 2 years after the mission date with the following exception. NOAA may request to use photos for publication or publicity purposes at any time.

Fill in the appropriate statement below and sign this form.

I hereby release the data archived by HURL for public consumption following mission South Point Reef
(project title) held on June 23, 1988 (date) in the following way:

- a. CTD data by June 23, 1990 (date)
- b. voice transcripts, video, and still camera film
by June 23, 1990 (date)
- c. other June 23, 1990 (date)
- d. I will give my written consent to individuals wishing to use these data prior to the above dates depending on the nature of the request(s).

Project Leader