

HAWAII UNDERSEA RESEARCH LABORATORY  
QUICK LOOK REPORT MISSION NO. P5- 421

MISSION STATUS

Location: Peles Pit Crater  
Mission Date: 9/10/99  
Maximum Depth: 1308  
Project Title: MARBEC extremophile sampling  
Principal Investigator: A. Malahoff  
Address: MARBEC / Univ. of Hawaii

Phone:

Observer 1:

Observer 2:

Address:

Address:

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

The objective of this dive was to sample extremophiles for MARBEC and measure environmental parameters. The dive was focused on the Jet Vent site. Filamentous, translucent and red bacterial mats were sampled.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

None,

Recommendations for corrective action or improvement:

None

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

Yes

List specimens or samples collected on the mission.

Two major samples, three scoops of mats;  
SIX suction buckets, one nissen bottle  
Picked up osmos sampler

## 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

\_\_\_\_\_ (project title)

held on \_\_\_\_\_ (date) in the following way:

- a. CTD data by \_\_\_\_\_ (date)
- b. voice transcripts, video, and still camera film by \_\_\_\_\_ (date)
- c. other \_\_\_\_\_ (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).

  
\_\_\_\_\_ Principal Investigator