

HAWAI'I UNDERSEA RESEARCH LABORATORY
QUICK LOOK REPORT
PISCES V

MISSION STATUS

Location: S-19 site off Barbers Point Oahu

Latitude: 21° 14.348 N

Longitude: 158° 00.101 W

Mission Date: August 23, 2013

Duration: 6 hours

Maximum Depth: 414 m

Project Title: Coral environmental habitat studies

Principal Investigator: Frank Parrish, NOAA Fisheries

Address: Dole St, Honolulu, HI 96822

Phone: 808-944-2181

Observer 1: Frank Parrish
Address:

Observer 2: Ray Boland

Pilot 1: Max Cremer

Pilot 2:

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

Objectives: The dive was to survey the hull of the S-19 for corals noting the taxa and size of the colonies. A flow meter and thermograph was deployed at the S-19 site for recovery in the future. The submersible then crossed 1200 m of sand to the nearest rock ledge where there was a stand of gold coral and another flow meter and thermograph were deployed before attempting to traveling to the pinnacle of the P5-808 dive 21° 14.392 158° 01.154 to recover an unrecovered flow meter. However an opposing current prevented the submersible from reaching the site.

Observations, findings, etc:

The hull of the S-19 had some full size colonies of Dendrophylliidae, Acanella sp., and Corallium sp.

Species list:

Fishes: Chlorophthalmus proridens, Laemonema rhodochir, Polymixia berndti, unid squid, Chaunix sp., Holardia sp, Meadia abyssalis, Satyrichthys hians, Ijimaia plicatellus, Squalus mitsukurii, Etelis coruscans.

Cnidarians:

Echinoderms:

Other Invertebrates: Plesionika sp. Heterocarpus sp.

MISSION EVALUATION:

Limitations, failures, or operational problems noted:

Current prevented us from reaching last site for recover of instrument. Late in the dive series and battery power depleted due to current and collection activity.

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.

90%

List specimens or samples collected on the mission.

A couple of bamboo samples were collected for aragonite analysis.

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. video and images 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