

## Daily Coring and Scientific Report for IODP Expedition 389 Hawaiian Drowned Reefs 2023

2<sup>nd</sup> September 00:00 - 24:00 HST Hawaii Standard Time (UTC -10)



### 1. Location at 24:00

Position 21° 15.635' N, 158° 14.425' W

Water Depth: approximately 2000 m

### 2. Operations Report

- Wet test and launch and recovery completed.
- Remote sea bed drill launched into water to 96 m and recovered.
- Lowered in 250 m increments to 1400 m water depth for pressure and function tests and untwisting the new cable.
- Site survey data passed to hydrographers, discussions on appropriate software to use.
- Extra PC and screen installed in ESO Container to view location and hydrographic data.



### 3. Science Report

N/A

### 4. Core Recovery Details

Hole	N/A
Cores recovered	N/A
Drilled length (Coring, m)	N/A
Drilled length (Open hole, m)	N/A
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	N/A

### 5. Time Breakdown

00:00 – 15:15 Mobilisation

15:15 – 20:22 LARS activated at 15:15, remote sea bed drill deployed. Recovery ended at 20:22.

20:23 – 20:50 Equipment checking

20:50 – 24:00 LARS activated at 20:50 for remote sea bed drill deployment for deep water tests.

### 6. Hours (inc. cumulative total) – no contractual implications can be made from these figures

In port	0.0
Transiting	0.0
Operating	0.0
Technical downtime	0.0
Weather downtime	0.0
Mobilisation	24

### 7. Weather

Fair, partially cloudy, good visibility, wave heights of 1.4 – 1.6 m and swell 0.7 – 0.9; wind direction SW 13 - 15 kts, gusting 18 - 24 kts; Temperature 25-29°C.

### 8. Planned Activity for the next 24 hours

- Sail for the USBL calibration site in the vicinity of the first drill site.
- COVID tests for all personnel during 3<sup>rd</sup> September.
- Contactor introduction to company and remote sea bed drill.

### 10. Health and Safety and Environmental

- Toolbox talks at 11:30 and 23:30 for all on shift. EPMs and Ops Manager attended Contractor Toolbox talk at 11.45 and EPMs at 23:50. Information disseminated to remainder of Science Party.

#### 11. Photo(s) of the day



Photograph by Marley Parker © ECORD\_IODP. Co-Chief Scientist Jody Webster in discussions with members of the Expedition 389 offshore Science Party.