

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



4th September 00:00 - 24:00 HST Hawaii Standard Time (UTC -10)

1. Location at 24:00

Position 20° 02.1889 N, 156° 03.9404 W
Water Depth: approximately 740 m

2. Operations Report

- SVP and first calibration of the USBL.
- USBL partial re-calibration.
- Transit to first site.

3. Science Report

Night shift staff had a tour of the seafloor corer.

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 – 01:40 Preparation for drill deployment
01:40 – 03:12 Lowering of the seafloor corer to near seafloor to calibrate
03:12 – 03:50 Recovery of the seafloor corer
03:50 – 12:00 First USBL calibration
17:15 – 20:50 Second USBL calibration
21:15 – 23:24 Transit to first site
23:25 – 00:00 Prepare for seafloor corer deployment

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 0.8 – 1.0 m and swell 0.6 – 0.9; wind direction SW to NNE 2 – 7 kts, gusting 8 - 12 kts; Temperature 24-25°C.

8. Planned Activity for the next 24 hours

- USBL calibration completion.
- Begin coring operations at first site.
- Jody Webster (Co-chief) to give a science introduction to the remainder of the contractor crew.

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.
- Day shift back deck HSE introduction by ESO Operations Manager.

11. Photo(s) of the day



Photograph by Marley Parker © ECORD_IODP. A stunning tropical sunset as seen on Expedition 389.