

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

26th October 00:00 - 24:00 HST Hawaii Standard Time (UTC -10)



1. Location at 24:00

Position: 20°03.9095'N, 156°16.016'W

Water Depth: ~ 1235 m

2. Operations Report

The sixth day of 24 hour operations this week and another borehole completed and transit to another site. Borehole M108B was completed at 30.70 mbsf and the corer recovered to the deck before midnight. The barrels were removed from the magazine and the extraction of the core liners commenced.

3. Science Report

On deck core curation of M108B was in progress at midnight. MSCL logging and lithological descriptions of M99G were complete.



4. Core Recovery Details

Hole	M108B
Cores recovered	34
Drilled length (Coring, m)	25.15
Drilled length (Open hole, m)	5.55
Recovered length (m)	15.88
Recovery (%)	63.14
Depth at midnight (mbsf)	N/A

5. Time Breakdown

00:00 – 21:16 Advance borehole M108B to terminal depth, 30.70 mbsf.

21:16 – 24:00 Seafloor corer recovered to deck and deck operations commenced including core barrel removal and seafloor corer loading and maintenance. Transit to Site KAW-04A was completed.

6. Hours – no contractual implications can be made from these figures

In port	0.0
Transiting	0.0
Operating	24.0
Downtime	0.0
Weather downtime	0.0
Mobilisation	0.0

7. Weather

Mostly sunny with good visibility. Wave heights of 0.1 – 0.8 m and swell 0.2 - 0.9 m; wind direction variable at 3 – 8 kts, gusting 6 - 13 kts; Temperature 25 - 26°C.

8. Planned Activity for the next 24 hours

- Continue coring operations at Site M108.

9. Health and Safety and Environmental

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

10. Photo(s) of the day



Physical Properties Specialist Stephan Jorry (L) and Sedimentologist Youri Hamon (R) making smear slides. Photo by NProuty@ECORD_IODP.