

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

25th September 00:00 - 24:00 HST Hawaii Standard Time (UTC -10)



1. Location at 24:00

Position 19°50. 1138'N, 156°5. 5469'W

Water Depth: approximately 140 m

2. Operations Report

A full day of operations, comprising coring and casing to depth of c. 27 mbsf.

3. Science Report

Lithological descriptions completed for M99C. The science party attended the 'Science Bites' discussion group for a talk by Kenna Rubin.



4. Core Recovery Details

Hole	M99E
Cores recovered	N/A
Drilled length (Coring, m)	27
Drilled length (Open hole, m)	N/A
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	27

5. Time Breakdown

00:00 – 24:00 Coring Hole M99E to 27 mbsf.

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

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

7. Weather

Mostly to partially cloudy, good visibility. Wave heights of 0.9 – 1.0 m and swell 0.6 m; wind direction W to NNW at 4 – 8 kts, gusting 9 - 12 kts; Temperature 24 - 25°C.

8. Planned Activity for the next 24 hours

- Continue coring operations in Hole M99E

9. 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.

10. Photo(s) of the day



Coral Specialist Marc Humblet (L) and Sedimentologist Pankaj Khanna (R) undertaking an initial on-deck visual description of core. Photo by ELB@ECORD_IODP.