

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

9<sup>th</sup> October 00:00 - 24:00 HST Hawaii Standard Time (UTC -10)

### 1. Location at 24:00

Position: 20°17.392'N, 155°39.059'W

Water Depth: ~ 412 m

### 2. Operations Report

A full day of coring with a variety of barrel penetration depths. Core runs were generally shorter at the beginning and increasing towards the end of the day.

### 3. Science Report

N/A

### 4. Core Recovery Details

Hole	M102B
Cores recovered	N/A
Drilled length (Coring, m)	18.03
Drilled length (Open hole, m)	0.00
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	42.77

### 5. Time Breakdown

00:00 – 24:00 Advancing the borehole by rotary coring from 24.74 mbsf to 42.77 mbsf at midnight.

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

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

### 7. Weather

Partially cloudy, isolated rain showers, moderate visibility. Wave heights of 0.6 – 0.9 m and swell 0.4– 0.9 m; wind direction easterly at 12 – 16 kts, gusting 16 - 20 kts; Temperature 25 - 26°C.

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

- Continue coring operations at M101C and transit to HIL-05A.

### 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**



Handover time! From left to right: Hannah Grant, Alex Wuelbers, Patrzia Gepraegs Pankaj Khanna, Andrew McIntyre, Kenna Rubin, Brian Boston and Ana Prohaska. Photo by MaryMowat@ECORD\_IODP.