

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

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



### 1. Location at 24:00

Position 19° 56.4978 N, 156° 3.781W

Water Depth: approximately 414 m

### 2. Operations Report

- Washed down M97B to 34.5 mbsf and cased to 18.4 mbsf.
- Coring borehole M97B from 34.5 to 37.0 mbsf.

### 3. Science Report

MSCL logging and lithological descriptions for Hole M97A were completed.

### 4. Core Recovery Details

Hole	M97B
Cores recovered	N/A
Drilled length (Coring, m)	2.5
Drilled length (Open hole, m)	34.5
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	37.0



### 5. Time Breakdown

00:00 – 19:25 Continue washing down and casing M97B to 34.5 m.

19:25 – 00:00 Advanced M97B by rotary core from 34.5 to 37.0 m.

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

In port	0.0
Transiting	0.0
Operating	23.1
Technical downtime	0.9
Weather downtime	0.0
Mobilisation	0.0

### 7. Weather

Partially cloudy, hazy to the east, good visibility to the west. Wave heights of 0.8 – 0.9 m and swell 0.7 – 0.8 m; wind direction variable at 2 – 8 kts, gusting 7 - 15 kts; Temperature 24 - 26°C.

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

- Continue coring operations at M97B.

### 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**



Photograph by Marley Parker © ECORD\_IODP. ESO Curator Alex Wuelbers engraving section information onto core barrels recovered from Hole M97A.