

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

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



### 1. Location at 24:00

Position: 20°08.2619'N, 156°04.7210'W

Water Depth: ~934 m

### 2. Operations Report

Having received assurances that mitigations were set in place to sufficiently reduce the risk to the vessel and seafloor corer following failure of the DGPS, operations recommenced and the corer was deployed at site KOH-02A. Coring followed the now expected format, with hard to core material in the upper section of Hole M101A. At midnight approximately 11 mbsf had been cored.



### 3. Science Report

N/A

### 4. Core Recovery Details

Hole	M101A
Cores recovered	N/A
Drilled length (Coring, m)	11.27
Drilled length (Open hole, m)	N/A
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	11.27

### 5. Time Breakdown

00:00 – 03:52 Standing by for DGPS mitigation plan at Site KOH-02A

03:52 – 05:53 Green light give to proceed, launch and land seafloor corer

05:53 – 24:00 Coring and casing M101A

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

In port	0.0
Transiting	0.0
Operating	20.5
Technical downtime	3.5
Weather downtime	0.0
Mobilisation	0.0

### 7. Weather

Partly cloudy, moderate visibility. Wave heights of 1.9 – 2.1 m and swell 1.2 – 1.5 m; wind direction westerly at 12 – 15 kts, gusting 16 - 20 kts; Temperature 25 - 26°C.

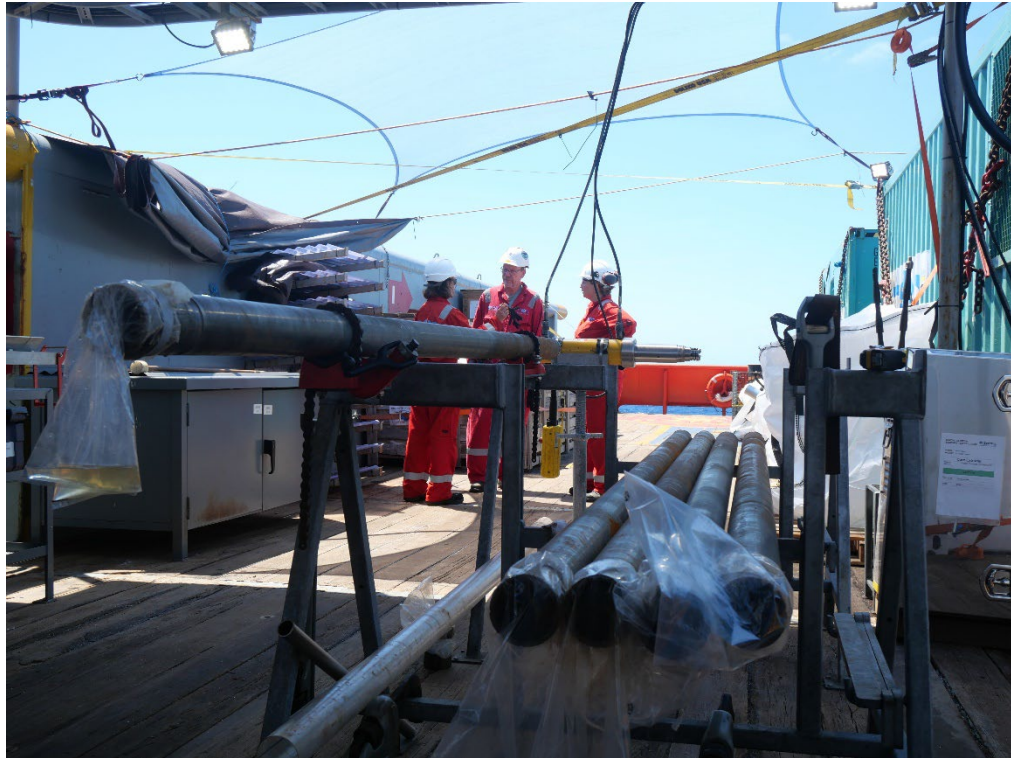
### 8. Planned Activity for the next 24 hours

- Continue coring operations at Site M101A.

### 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**



ESO staff discussing core flow. From left to right: Patrizia Gepraegs, Alex Wuelbers and Luzie Schnieders. Photo by MarisaRydzy@ECORD\_IODP.