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



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

#### 1. Location at 24:00

Position 20° 03.3018 N, 156° 11.3849 W Water Depth: approximately 1100 m

#### 2. Operations Report

Coring on M97B finished at 22:35 at a depth of 59.35 mbsf. The seafloor drill was recovered to deck, sea fastened and the vessel moved to location MAH-01A.

## 3. Science Report

Co-Chief Jody Webster gave a science summary presentation to the MMA vessel crew about Expedition 389.

# 4. Core Recovery Details

Hole	M97B
Cores recovered	N/A
Drilled length (Coring, m)	22.35
Drilled length (Open hole, m)	37.0
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	N/A

#### 5. Time Breakdown

00:00 - 22:35 Continued rotary coring of Hole M97B, 37.0 to 59.35 mbsf.

22:35 – 23:10 Recover seafloor drill to deck and sea fasten. Remove and replace samplers.

23:10 - 00:00 Transit to Site MAH-01A.

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

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

#### 7. Weather

Partially sunny, some low cloud and haze with limited visibility. Wave heights of 0.6 - 1.4 m and swell 0.4 - 0.5 m; wind direction variable at 2 - 8 kts, gusting 6 - 15 kts; Temperature 25 - 26°C.

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

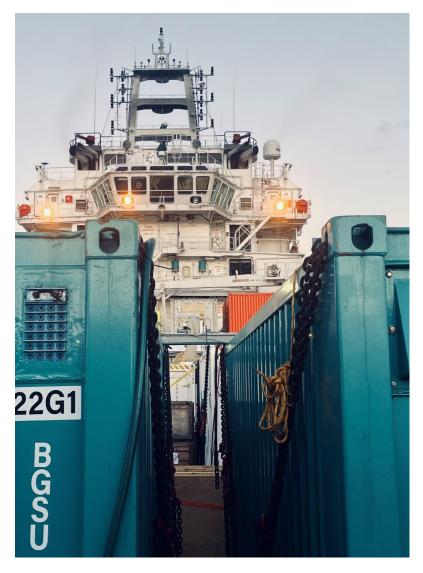
- Core curation, sampling, MSCL logging and lithological description for M97B.
- Begin coring at Site MAH-01A.

#### 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 Stephan Jorry © ECORD\_IODP. View from the ESO Main Street towards the MMA  $\it Valour$  superstructure.