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

6th September 00:00 - 24:00 HST Hawaii Standard Time (UTC -10)

1. Location at 24:00
Position 20° 02.2133 N, 156° 03.944 W
Water Depth: approximately 740 m

2. Operations Report
- Seafloor corer deployment and landing.
- Washbore M96C to 0.86 m.
- Seafloor corer recovery and re-deployment.
- Rotary coring M96C.
- Seafloor corer recovery to deck.

3. Science Report
The first core sample was measured with the MSCL and described by the sedimentology team.

4. Core Recovery Details

Hole	M96B	M96C
Cores recovered	0	1
Drilled length (Coring, m)	N/A	1.74
Drilled length (Open hole, m)	0.99	0.86
Recovered length (m)	0	0.45
Recovery (%)	N/A	52.3
Depth at midnight (mbsf)	N/A	N/A

5. Time Breakdown
00:00 – 02:40 Preparation for seafloor corer deployment
02:40 – 06:15 Seafloor corer deployment and start coring operations at M96B
06:15 – 07:20 Seafloor corer recovery
07:20 – 17:00 Preparation for redeployment of seafloor corer, deck operations
18:35 – 21:55 Launch of seafloor corer to seafloor and start coring operations at M96C
21:55 – 23:50 Seafloor corer recovery

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

In port	0.0
Transiting	0.0
Operating	6.6
Technical downtime	17.4
Weather downtime	0.0
Mobilisation	0.0

7. Weather
Fair, partially cloudy, very good visibility, wave heights of 0.9 – 1.1 m and swell 0.9 – 1.0; wind direction easterly at 8 – 18 kts; Temperature 25-28°C.

8. Planned Activity for the next 24 hours
- Resume coring operations at site M96.
- Potential beacon recovery and transit to next site.

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 MParker© ECORD_IODP. Co-Chief Scientist Christina Ravelo examining Expedition 389 core with sedimentologist Pankaj Khanna.