



## 6th June 00:00 - 6th June 24:00 East Daylight Time (UTC -4)

### 1. Location

Position 40.8746°N, 70.2697°W @12:00 EDT 28th of May IODP-MSP borehole M0111B
Prospectus borehole MV-03C

Water Depth: 42m

## 2. Operations Report

The HQ BHA was pulled out of the hole and a PVC casing was run into the hole to enable logging. By 06:00 the PVC casing had reached 343 mbsf and advanced no further. Drilling mud was displaced with seawater and logging through PVC commenced at 09:00. The section between 340 mbsf and 120 mbsf was logged by 18:00. From 18:00 to 21:00 the PQ drill rod 'casing' lengths were pulled from 120mbsf to 20 mbsf. Logging the borehole upper section (20 – 120 mbsf) continued until past midnight.

### 3. Science Report

No cores were recovered today, 7 QAQC cores were run on the MSCL. Logging of the Hole was undertaken from 340 mbsf to 20 mbsf using a suite of logging tools, continuing past midnight.

#### 4. Core Recovery

Hole	M0111B
Cores recovered	0
Drilled length (Coring, m)	0
Drilled length (Open hole, m)	0
Recovered length (m)	0
Recovery (%)	0
Depth at midnight (mbsf)	392.93 m

# 5. Time Breakdown

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00:00 - 02:00	Pulling HQ	BHA 0	ut of the hole

02:00 - 06:00 Running PVC into the hole from surface to 343 mbsf. Hanging PVC at 340 mbsf

06:00 - 18:00 Rigging up and logging section between 120 and 340 mbsf

18:00 - 20:00 Pulling PQ drill rod 'casing' from 120 mbsf to 20 mbsf (2 metres below the casing shoe depth)

20:00 - 24:00 Rigging up and logging section between 20 and 120 mbsf

## 6. Hours (inc. cumulative total) - no contractual implications can be made from these figures

In port	n/a
Transiting	n/a
Operating	24
Technical downtime	0
Weather downtime	0
Other downtime (specify)	0

# 7. Weather

Southwesterly winds blew at around 13 kts throughout the day with gentle 0.5 m swells from the south east. Visibility decreased during the morning from c. 5 nm to 0 nm in the afternoon, and improving to horizon throughout the evening.

## 8. Planned Activity for the next 24 hours

Continue logging operations to completion, remove casing from Hole and and prepare for ship movement to Site M0111C.

## 9. Health and Safety and Environmental

No Health and Safety issues to report

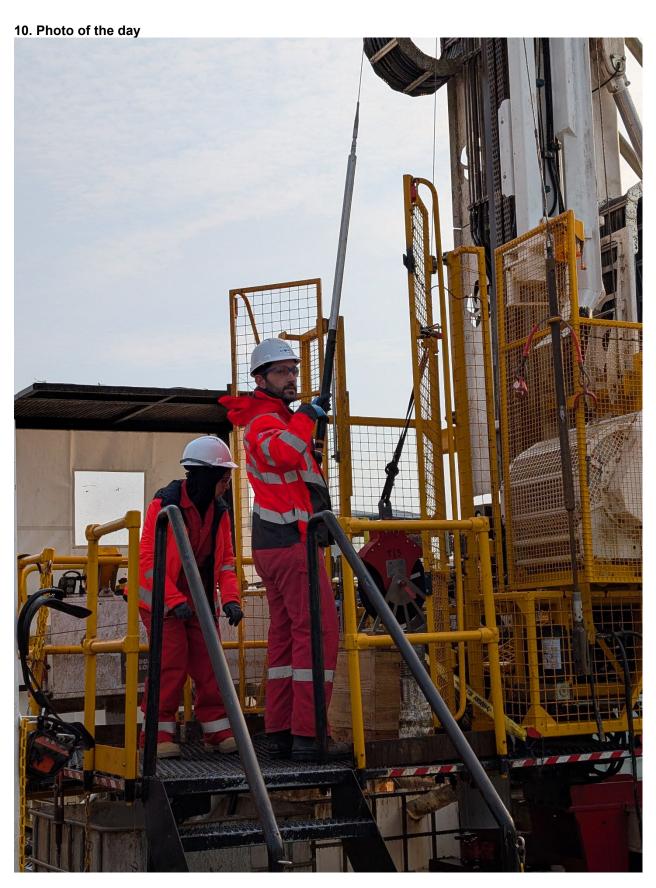


Figure 1:ESO scientists prepare to deploy one of the suite of logging tools down Hole M0111B (photo MOWAT@ECORD\_IODP3\_NSF\_PXL\_20250606\_113203117).