

11<sup>th</sup> Nov 00:00 – 11<sup>th</sup> Nov 24:00 EET Eastern European Time (UTC+2)

### 1. Location

Position 38° 8' 41.802" N, 22° 45' 30.251" E  
IODP-MSP borehole M0078A  
Prospectus borehole COR-02A  
Water Depth: 859.50 m

### 2. Science Report

The shipboard science party characterized the final cores recovered for M0078A and began preparing descriptions of offshore methods for the IODP Expedition Report. The co-chief scientists gave a brief overview of initial observations from M0078A to the ship and drilling crews.

Logging operations took place in the lower part of the M0078A hole within seismic unit 1. Logging runs using the conductivity and magnetic susceptibility tool and the stacked gamma ray-magnetic susceptibility-sonic-caliper tools were conducted. The extent and quality of the data following operational difficulties are still being assessed but such data could prove valuable for assessing physical properties within the lower unit, in particular velocity.

### 3. Core Recovery Details

Hole	M0078A
Cores recovered	0
Drilled length (Coring, m)	0
Drilled length (Open hole, m)	0
Recovered length (m)	0
Recovery (%)	0 %
Depth at midnight (mbsf)	610.43

### 4. Time Breakdown

00:00 Continuing logging  
19:30 Tripping pipe to mudline  
23:35 Moving vessel to position for hole M0078B

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

In port	0.0
Transiting	0.0
Operating	13.0
Technical downtime	11.0
Weather downtime	0.0
Other downtime (specify)	0.0

### 6. Weather

Sunny with highs of 20°C. Winds up to 15 km/h from a WNW direction, switching to a westerly through the afternoon, and waves of <0.2 m high.

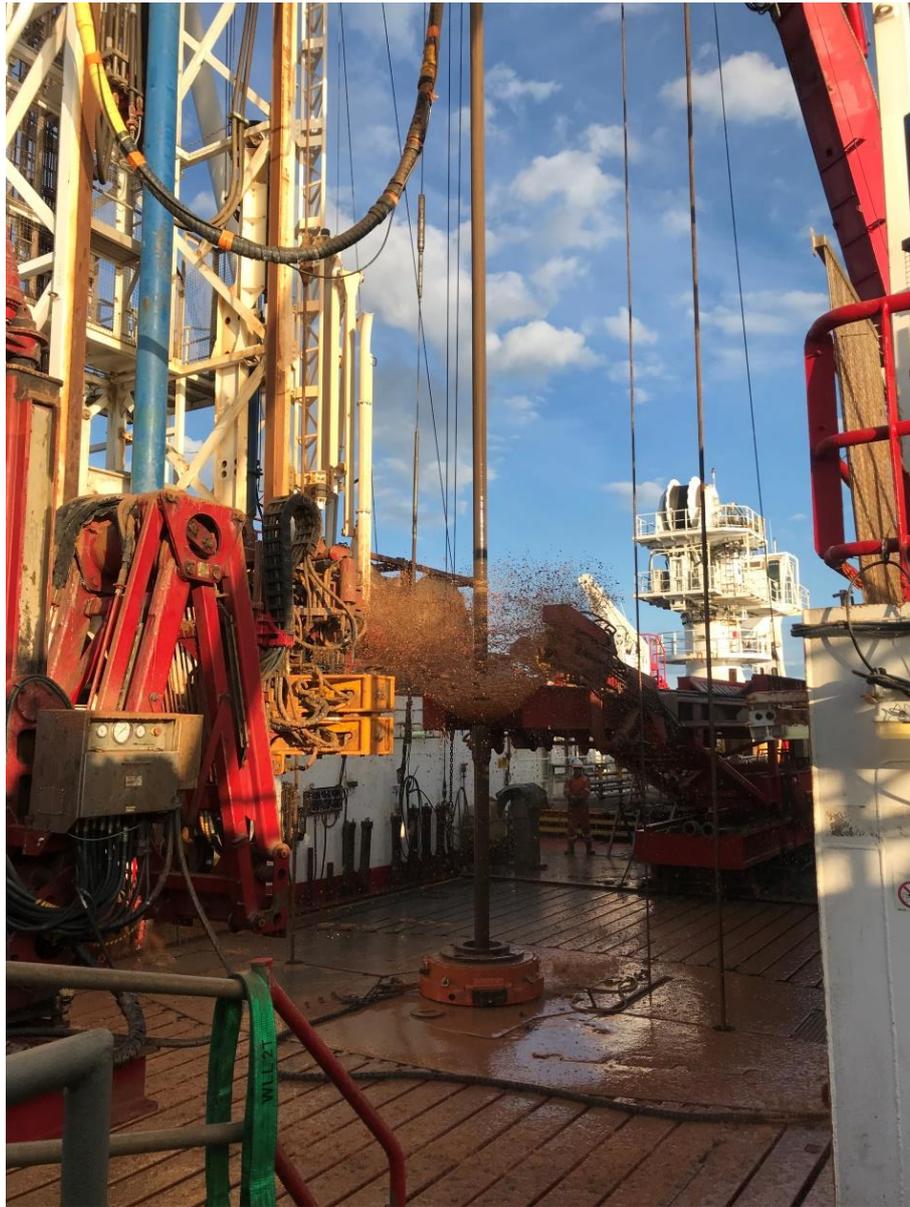
### 7. Planned Activity for the next 24 hours

Set-up on position at borehole M0078B and start coring.

### 8. Health and Safety and Environmental

N/A

### 9. Photo of the day



*Breaking pipe in preparation for logging. DSmith@ECORD\_IODP*