

30<sup>th</sup> Oct 00:00 – 30<sup>th</sup> Oct 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

Analysis of the multi sensor core logger data shows a good correlation with sedimentological and paleontological core interpretations and with interpreted changes in basin environment. For example, magnetic susceptibility peaks appear to correspond with organic matter found within coarser layers and laminations.

### 3. Core Recovery Details

Hole	M0078A
Cores recovered	8
Drilled length (Coring, m)	29.85
Drilled length (Open hole, m)	0
Recovered length (m)	32.22
Recovery (%)	108%
Depth at midnight (mbsf)	255.99

### 4. Time Breakdown

02:55 Core on deck  
05:50 Core on deck  
08:20 Core on deck  
11:00 Core on deck  
13:50 Core on deck  
16:30 Core on deck  
18:20 Core on deck  
20:20 Core on deck  
20:45 Recovering SEADEVIL for maintenance

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

In port	0.0
Transiting	0.0
Operating	20.2
Technical downtime	3.8
Weather downtime	0.0
Other downtime (specify)	0.0

### 6. Weather

Cloudy with highs of 21°C. Winds of up to 37 km/h from an easterly direction switching to an ENE direction throughout the day. Waves of <0.5 m high.

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

Complete SEADEVIL maintenance and continue with coring at site M0078A.

### 8. Health and Safety and Environmental

N/A

### 9. Photo of the day



*Co-Chief Donna Shillington signs the new bit, with Roeland Baas, Fugro Operator.  
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