# Daily Drilling and Scientific Report for IODP Expedition 381 Corinth Active Rift Development 2017



# 5<sup>th</sup> Nov 00:00 - 5<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

As we core Seismic Unit 1 (the lower syn-rift unit preserved within the Gulf of Corinth) we find the composition of the sediments has changed relative to Seismic Unit 2 above. As a result there have been discussions on the source of the sediments being deposited, the mechanisms of deposition and the environment of deposition. Comparisons are being made with published studies of the likely equivalent, more proximal unit onshore.

# 3. Core Recovery Details

Hole	M0078A
Cores recovered	9
Drilled length (Coring, m)	39.89
Drilled length (Open hole, m)	0
Recovered length (m)	30.42
Recovery (%)	76%
Depth at midnight (mbsf)	464.49

### 4. Time Breakdown

01:40 Core on deck 04:20 Core on deck 07:00 Core on deck 08:50 Core on deck 11:30 Core on deck

14:40 Core on deck17:20 Core on deck

20:45 Core on deck

23:35 Core on deck

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

In port	0.0
Transiting	0.0
Operating	24.0
Technical downtime	0.0
Weather downtime	0.0
Other downtime (specify)	0.0

#### 6. Weather

Cloudy with scattered showers throughout the morning, sunny with highs of 15°C through the afternoon and evening. Winds up to 13 km/h from an easterly direction, and waves of <0.5 m high.

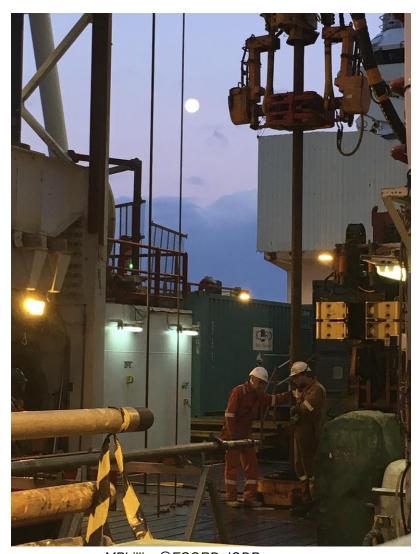
# 7. Planned Activity for the next 24 hours

Continue with coring at site M0078A.

# 8. Health and Safety and Environmental

N/A

# 9. Photo of the day



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