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

17th Nov 00:00 – 17th Nov 24:00 EET Eastern European Time (UTC+2)

1. Location
Position 38° 9' 30.243" N, 22° 41' 43.316" E
IODP-MSP borehole M0079A
Prospectus borehole COR-01A
Water Depth: 857.1 m

2. Science Report
From analysis of cores from seismic unit 2 (recent syn-rift) of Hole M0079A, the sedimentologists are able to identify through the core liner discrete and distinctive sandy turbidite layers deposited during the lowstand lake mode of the Gulf of Corinth. Data were returned and examined for the CPT in situ temperature and friction/ strength measurement at 100 mbsf, taken on 16th November. The Co-Chiefs and Operations Manager presented an introduction to IODP, the Expedition and the preliminary results from Site M0078 to the crew that joined the ship at the port call.

3. Core Recovery Details

Hole	M0079A
Cores recovered	18
Drilled length (Coring, m)	58.30
Drilled length (Open hole, m)	0
Recovered length (m)	47.82
Recovery (%)	82%
Depth at midnight (mbsf)	157.30

4. Time Breakdown
00:09 Core on deck
01:20 Core on deck
02:55 Core on deck
04:00 Core on deck
05.30 Core on deck
06:50 Core on deck
07:50 Core on deck
08:55 Core on deck
10:15 Core on deck
11:20 Core on deck
12:25 Core on deck
14:05 Core on deck
15:25 Core on deck
16:35 Core on deck
17:55 Core on deck
19:00 Core on deck
21:10 Core on deck
23:30 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
Showers throughout the morning, clearing by midday. Highs of 17°C and winds of 9 km/h from a SE direction, with wave heights of ≤0.8 m.

7. Planned Activity for the next 24 hours
Continue coring at Hole M0079A.

8. Health and Safety and Environmental
N/A

9. Photo of the day

ESO staff modelling their finest wet weather gear during heavy rain on 16th Nov (EPM@ECORD_IODP)