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



22nd Nov 00:00 – 22nd 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

Shipboard geochemists are making preliminary comparisons of the observation of pyrite in the cores and zinc sulfide precipitate in pore-fluid split samples for characterization of sulfur cycling.

3. Core Recovery Details

Hole	M0079A
Cores recovered	11
Drilled length (Coring, m)	52.90
Drilled length (Open hole, m)	0
Recovered length (m)	52.34
Recovery (%)	99%
Depth at midnight (mbsf)	453.40

4. Time Breakdown

00:44 CPT/temp measurement taken

03:25 Core on deck 05:25 Core on deck

07:20 Core on deck

09:00 Core on deck

11:00 Core on deck

13:20 Core on deck

15:05 Core on deck

16:55 Core on deck

18:55 Core on deck 21:00 Core on deck

23:20 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

Sunny with a high of 16°C. Winds of up to 37 km/h from a NW direction, switching to a westerly direction throughout the evening. Wave heights of ≤0.3 m.

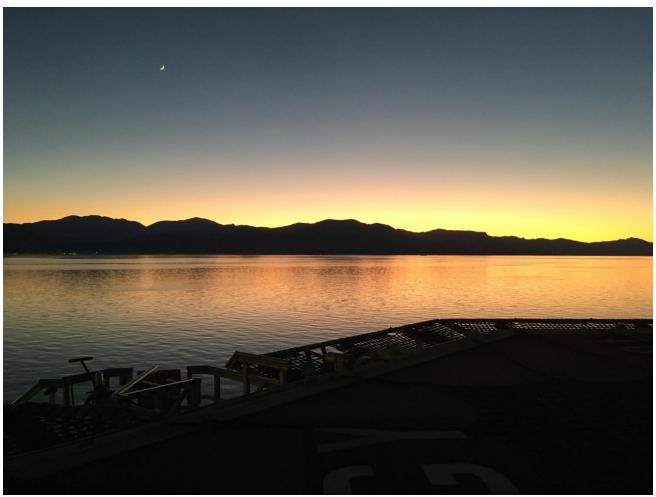
7. Planned Activity for the next 24 hours

Continue coring at Hole M0079A.

8. Health and Safety and Environmental

N/A

9. Photo of the day



Sunset from the helideck (LMcNeill@ECORD_IODP)