

**Daily Drilling and Scientific Report for IODP Expedition 357
Atlantis Massif Serpentinization and Life, 2015**



27th Nov 00:00 - 24:00 Local Time (-2 GMT)

1. Location

30^o 7.7' N 42^o 9.206' W

IODP-MSP: M0071C

Prospectus borehole: AM-04A

Water Depth: 1390m

2. Science Report

MeBo drilling continued at Hole M0071C (proposal site AM-04) by advancing 2.7 m to a maximum of 12 m by the end of the day after experiencing difficult drilling conditions. The science party continued with preliminary visual core descriptions, multi-sensor core logging, and shipboard analyses of tracer and gas concentrations in cores recovered from Hole M0068B.

3. Core Recovery Details

N/A

4. Weather

Wind ENE varying 16 – 22 knots throughout the day. Slight seas and generally low swell becoming moderate midday before decreasing again. Fine and dry with good visibility. 5/8 cloud with passive squalls. Maximum temperature 24.5^oC.

Next 24 hours: Decrease in both swell and wind speed.

5. Planned Activity for the next 24 hours

Conduct logging and downhole plug installation at M0071C (AM-04A) and then transit to M0075A (AM-03A) to begin coring operations using RD2.

6. Health and Safety and Environmental

N/A

7. Photos of the day



We have a feathery stowaway – a short-eared owl! Both YukiMorono@ECORD_IODP