

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



11th Nov 00:00 - 24:00 Local Time (-2 GMT)

1. Location

30° 7.792' N 42° 7.327' W
IODP-MSP M0072B
Prospectus borehole AM-01A
Water Depth: 820m

2. Science Report

RD2 drilling at M0072B continued. During drilling, a large spike in methane concentration was observed with the rock drill sensor package. The shipboard science party continued MSCL and ephemeral geochemical analyses of samples from cores from Holes 68A-72A.

3. Core Recovery Details

N/A

4. Weather

Fine and clear with patchy cloud cover. Low swell and slight seas increasing to 2.5 – 3m swell. Maximum temperature of 26.5°C. Winds variable and light becoming SE 7 knots.
Next 24 hours: Monitoring activity of Hurricane Kate. Currently moving to the NE of our position, but winds and swell may temporarily increase over late Thursday - Saturday

5. Planned Activity for the next 24 hours

Continue coring operations at M0072B (AM-01A).

6. Health and Safety and Environmental

N/A

7. Photo of the day



A fiery start to a new day of coring. CarolCotterill@ECORD_IODP