

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



**5<sup>th</sup> Nov 00:00 - 24:00 Local Time (-2 GMT)**

**1. Location**

42° 5.744' W 30° 7.516' N  
IODP-MSP M0068A  
Prospectus borehole AM-02A  
Water Depth: 1102m

**2. Operations Report**

The RRS James Cook arrived at the first site (M0058A / AM-02A) at 15:31 local time. A sound velocity profile was conducted prior to beginning a multibeam survey. The multibeam survey covered sites AM-01A, AM-02A, AM-04A, AM-06A and AM-11A, locating them with respect to the break in slope, and checking slope angles for landing of both seabed drills. Following the survey a CTD cast was conducted at M0068A (AM-02A) with bottom, mid and near surface samples collected.

**3. Science Report**

N/A

**4. Core Recovery Details**

N/A

**5. Weather**

Generally sunny with good visibility although thundery showers at times. Slight seas with up to 2m swell. Maximum temperature of 23°C. Winds 10-20knots.  
Next 24 hours: Predicting similar conditions but with the swell increasing towards late on the 6<sup>th</sup> / early morning of the 7<sup>th</sup>.

**6. Planned Activity for the next 24 hours**

Continue coring operations at M0068A (AM-02A).

**7. Photo of the day**



The first CTD cast at M0068A (AM-02A), with water sampling on recovery. CarolCotterill@ECORD\_IODP