

**Daily Drilling and Scientific Report for IODP Expedition 347,  
Baltic Sea Paleoenvironment**



**23<sup>rd</sup> Sep 00:00 – 23<sup>rd</sup> Sep 24:00 GMT**

**1. Location**

11° 40.243' E 56° 37.211' N (M0060A)

BSB-1 – Anholt

Water Depth: 31.2 m

**2. Activity Summary**

Camera survey and coring operations at M0060A.

**3. Science Report**

The Manisha arrived at Site BSB-03 southeast of Anholt in the Kattegat. During the morning, preparations were made to start drilling the first hole, M0060A. Before lowering the bottom template the drill string was extended to just above the sea floor and a video camera was lowered to its tip. The sea floor was then visually scanned at the three positions for holes M0060A, B and C. The bottom was clear.

Three holes are planned at this site, the first two for paleoceanography and a third for microbiology.

The first two cores in Hole A recovered some well sorted sand in the core catcher. Subsequent cores up until midnight had almost 100% recovery. Down to 4.5 mbsf, the sediment recovered consisted of very well sorted sand and only a few foraminifers.

The sediment from 6 mbsf displays a slightly silty clay with both benthic and planktonic foraminifers, ostracods and small plant remnants. From 18.6 mbsf and beneath the sediment displays an increase in the clay fraction, the silt content decreases and the microfossils become less abundant.

**4. Core Recovery Details**

<b>Hole</b>	M0060A
<b>Cores recovered</b>	11
<b>Drilled length (Coring)</b>	24.9 m
<b>Drilled length (Open hole)</b>	3.9 m
<b>Recovered length</b>	24.16 m
<b>Recovery</b>	97.03 %
<b>Final depth at M0059C</b>	28.8 m

**5. Weather**

Fair, wave heights of 0.3 – 0.6 m; winds NW, 15 – 22 kts, gusting 19 -27 kts; 14°C.

Next 24 hrs: Fair, wave heights of 0.3 – 0.7 m, winds NNW –NNE 12 –15 kts, gusting 15 - 19 kts. 14°C.

Low pressure moving through the area, potentially causing showers.

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

Continue coring operations at M0060A.

7. Photo of the day



CarolCotterill@ECORD\_IODP