

19th Sep 00:00 – 19th Sep 24:00 GMT

1. Location

10° 6.507' E 55° 0.299' N (M0059B)
10° 6.4697' E 55° 0.2898' N (M0059C)
BSB-3 – Lille Baelt
Water Depth: 31.2m (beneath keel)

2. Activity Summary

Completed logging operations at M0059B. Moved to M0059C and commenced coring operations.

3. Science Report

Logging at M0059B revealed a 12 m thick formation between tills at 140 mbsf that could possibly be the Eemian sequence. The stratigraphic position of the lower till bed is directly above the limestone basement making it a good candidate for being a till of Saalian age. Due to misleading information from the interpretation of the seismic profiles these formations was just drilled through in hole B but will be targeted and sampled in hole C.

The ambitious microbiological subsampling program continued throughout the day and the work was intense but flow smoothly without any major stop. By midnight coring for microbiology had reached down to 42.5 mbsf and is planned to continue to c 80 mbsf.

4. Core Recovery Details

Hole	M0059C
Cores recovered	15
Drilled length (Coring)	46.82m
Drilled length (Open hole)	N/A
Recovered length	49.25 m
Recovery	105.2 %
Depth at midnight	46.82m

5. Weather

Fair with isolated showers, wave heights of 0.3 – 0.5 m; wind direction WNW to WSW, winds of 12 kts gusting 15 kts; 15°C.

Next 24 hrs: Fair with isolated showers, wave heights of 0.2 – 0.4 m, wind direction WSW swinging WNW, winds of 10 – 12 kts, gusting 12 - 15 kts. 14°C.

High pressure is forecast to build over mainland Europe through the end of the week. Low pressure then looks to impact Eastern Europe and Scandinavia

6. Planned Activity for the next 24 hours

Continue coring operations on the Microbiological specific hole (M0059C).

7. Photo of the day



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