

RV Maria S. Merian
Cruise MSM103 (GPF 20-2-046)
12.09. – 15.11.21, Emden – Emden

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On November 8th we briefly interrupted the transit on the mid-Atlantic ridge to carry out an experiment at the Moytirra hydrothermal field with our MARTEMIS electromagnetic coil system. Unfortunately, at first a short circuit in the winch cable and in the second attempt the swell of 4 - 5m, which damaged our rigging, thwarted our plans. In the late evening we had to stop the experiment because it was clear that weather conditions would not allow for another deployment before the planned departure scheduled for the next morning. However, we still used the remaining hours to acquire CTD data casts over the hydrothermal field. The comparison of our measurements with measurements from Spanish colleagues, which were taken during the EXPLOSEA2 cruise (summer 2019), will give a first impression of the temporal variability of the hydrothermal field.

With this, the scientific crew of cruise MSM103 says goodbye, once again thanking the crew of the Maria S. Merian and all other people involved. At this moment we are north of Groningen, the pilot is already on board and in a few hours we will be arriving in Emden. Almost there !!!

With best regards on behalf of the crew of cruise MSM103,
everyone is doing well and happy to come home after such a long time.

Sebastian Hölz
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