

## **PREFACE Milestone Report**

Milestone#: MS12

Milestone name: Cruise 2014

WP#: WP4

Lead beneficiary: GEOMAR

Delivery date from annex I: 31.10.2014

Milestone achieved: No

Comments:

The research cruise planned during autumn 2014 could not be carried out.

The research cruise was proposed in September 2012 to the Senate Commission for Oceanography of the German Research Foundation (DFG) and accepted in 2013. Unfortunately the two research vessels, RV Meteor and RV Maria S. Merian, aimed to perform the measurements off Angola, operated in distant regions of the World Ocean and were not able to carry out the proposed work. The search for alternatives resulted in the possibility to use the German Icebreaker RV Polarstern on its transit from Bremerhaven, Germany to Cape Town, South Africa in November 2014. Unfortunately the work in the Angolan economic zone during the RV Polarstern cruise were cancelled on short notice. Other research vessels open to barter through OFEG agreement were not available as well. Next cruise to the region off Angola and Namibia is scheduled with RV Meteor for November 2015 (chief scientist will be Marcus Dengler, GEOMAR). During this cruise moorings deployed at the Angolan shelf in July 2013 are now planned to be recovered and redeployed. Nevertheless we still try to find a solution for mooring recovery and deployment early 2015. However, up to now no ship could be identified to be used for this work.

Although the milestone could not be achieved, we believe that the planned tasks within WP4 will be achieved as planned. Most of the mooring instruments will continue to measure until November 2015. Thus in case of successful mooring recovery, required datasets would be available to achieve objectives and tasks of WP4. The loss of shipboard hydrographic and current data due to the cancelation of the research cruise in 2014 can be compensated due to similar data from the RV Dr.Fridtjof Nansen, who measured in July 2014 off Angola and will be measuring in January 2015.

Milestone 12 contributes to the WP4 objectives 1 and 4, and to task 4.2: Monitoring variability along the southern hemisphere coastal wave guide.