

	MSM19/3 AGULHAS Weekly Report No. 3 (15.12. Ð 21.12.2012)	F.S. MARIA S. MERIAN 34;48,2« S / 16;42,2« E
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During the third and last week of the MARIA S. MERIAN cruise MSM19/3 we focused on mapping and sampling the Discovery Rise. This ar.drock samples were recovered from five localities: Discovery Rise. Based on geochemical analyses of these samples, some authors deep mantle origin (Plume) for the Discovery Rise. Seismic mantle tomography does not provide any evidence for active plume structures. Their abse

S. MERIAN began the 900nm transit to Cape Town (South Africa). The transit was used to continue multibeam mapping and running the sediment echosounder but also to celebrate the success of the expedition with a BBQ in the evening of 20th Dec. The scientific work ended Wednesday morning 21st Dec by turning off the multibeam echosounder shortly before entering the South African Exclusive Economic Zone.

Cruise plot (yellow line) and dredge stations (red dots) of the MARIA S. MERIAN A2W nri 453