

Forschungsfahrt des FS SONNE **SO 314**:

T-SECTOR Southeast Pacific Rise

13.08.2025 (Papeete/Tahiti) –
05.10.2025 (Antofagasta/Chile)



Scientific Cruise SO 314, 8. Weekly Report: 29.09.-04.10.2025

After the end of the station work, further seamounts were mapped on the way to Antofagasta (Chile) and a last ARGO float was deployed. During the transit most of the remaining sediment cores were opened, cut, described and packed into D-tubes for storage. The water and air temperatures decreased markedly along the cruise track, which made packing of the containers easier, in which, besides the equipment, almost 400 m of sediment cores from 77 locations had to be packed into the reefers to be sent to Kiel. In the morning of the 4th October SONNE reached the harbour of Antofagasta, where cruise SO314 ended.

With greetings and a big thank you to Captain Tilo Birnbaum and the SONNE crew of SO314 who guaranteed the success of the cruise with their efforts and competence.

Martin Frank (Chief Scientist SO 314) and Heidrun Kopp (Co-Chief Scientist SO 314)

