



# SO270 MASCARA

## Weekly Report 2 – 08<sup>th</sup> to 14<sup>th</sup> Sept. 2019

In the report period, we have continued our transit to the working area in the western Indian Ocean. We used the time for completing the laboratory installations, for training of our students in the use of the instruments, as well as for optimizing the work flows. Scientific talks in the evening gave us the opportunity to learn more on the methods and approaches used by the different working groups here onboard. We are looking forward to hear more about this during the remaining days of the transit.

On our way through the South China Sea we remained in the exclusive economic zones (EEZ) or the territorial waters of the bordering states. Collecting scientific data was therefore not possible. In the late evening of the 13<sup>th</sup> we passed the Sunda Strait with the Krakatoa volcano and are now heading west towards the open Indian Ocean.



**Fig. 1:** SO270 (MASCARA) science party. Photo T. Wasilewski, CEN, Uni Hamburg



**Abb. 2:** Installation of gear (digital streamer). Photo T. Wasilewski, CEN, Uni Hamburg

On the early morning of the 14<sup>th</sup>, we now left the EEZ of Indonesia and started recording of hydroacoustic and oceanographic data. Beside that we started collecting data from the microplastic filtration which is expected to give insight into the concentration of microscopic plastic particles in the ocean waters along the transit route.

For the next days we scheduled a test station for the CTD, which has not been used during the previous transit and therefore needs to be tested, as well as for the multi closing net. Deployment and testing is also planned for the reflection seismic acquisition system.

All onboard are fine and we're looking forward to the arrival in the main working area.

In the name of all cruise participants

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