

## FS SONNE - SO295 "NoduleMonitoring-2"

31.10. - 23.12.2022, Port Hueneme - Port Hueneme (USA)



### 8. Weekly Report (19.12. - 25.12.2022)

In the last week of the expedition, we were in transit back to Port Hueneme. The time was used to complete the remaining measurements, dismantle the laboratory equipment, and pack the scientific material into boxes and containers. Sediment and water samples were prepared to ensure quick delivery of samples to the courier.

On Dec. 22, the pilot came on board at 4 p.m. and we entered port at sunset. Customs formalities and entry as well as passport control were swift and uncomplicated.

The ready packed containers were lifted off the ship on 23.12. and exchanged for the empty containers, which were then packed very quickly (Fig. 1).



Fig. 1 Senckenberg container lifted from board

All frozen samples were collected by the couriers and are now on their way to the home institutes in Europe (Fig. 2).



Fig. 2 The samples are collected by courier.

At 2 p.m. on December 23, the last container left the ship.

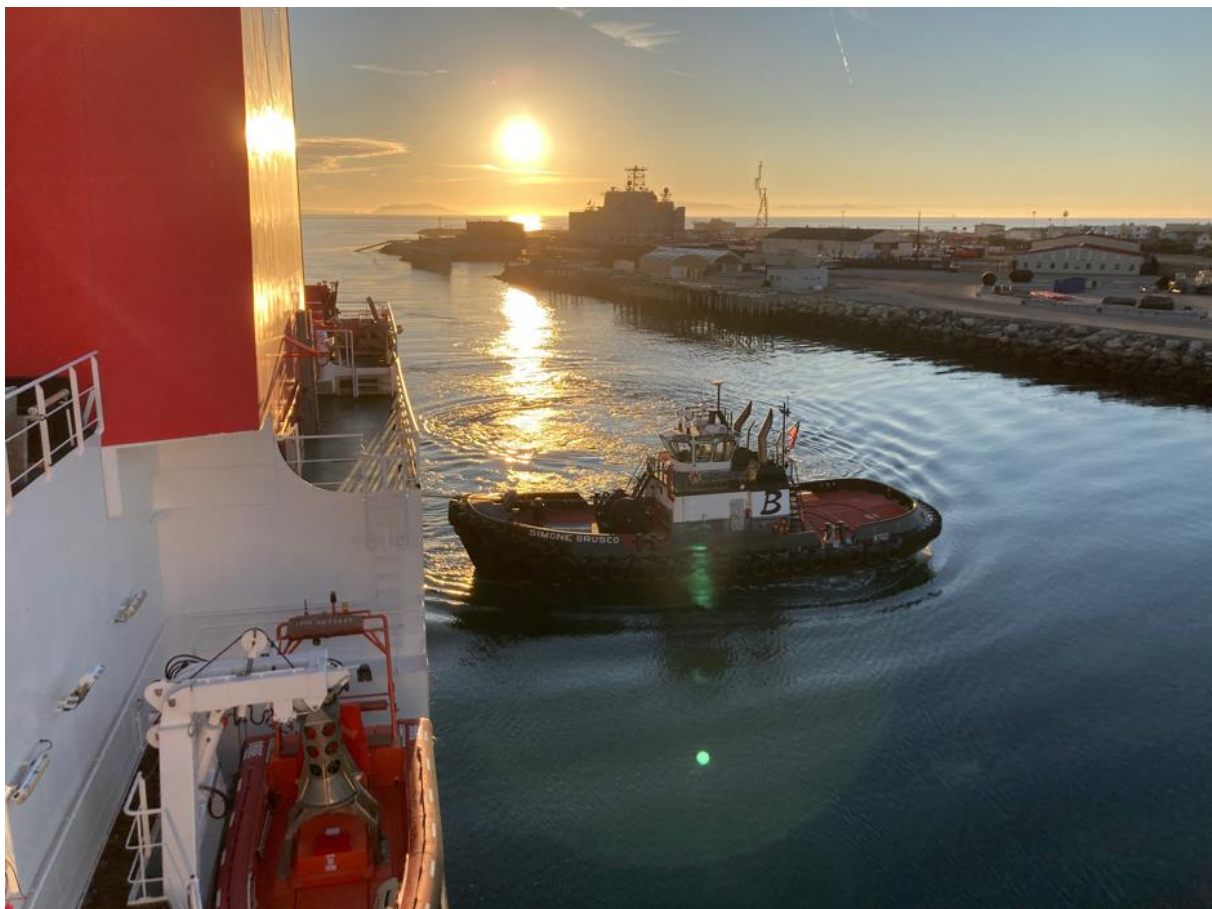


Fig. 3 Sunset in port Hueneme

The SO295 Mining Impact 2 cruise was a very successful expedition. A large amount of scientifically interesting data and observations were collected, which will allow us to better understand the impact of deep-sea mining on biodiversity.

On behalf of all scientists, we would like to thank Captain Tilo Birnbaum and the entire crew of the RV SONNE for their continuous support in carrying out our research.

We wish the RV SONNE all the best and wish the SO296 good luck and always good weather for her next work.

Greetings in the name of all participants,

Pedro Martinez Arbizu & Felix Janssen

(DZMB Senckenberg at the Sea) (MPI-Bremen / AWI)