

**RV SONNE  
SO294 – CLOCKS**

*Northern Cascadia: Extent of locked zone, prism deformation, slip-to-toe, and the edge of subduction*

13. September – 27. October 2022  
Vancouver (Canada) – Port Hueneme (USA)

**7<sup>th</sup> Weekly Report**  
(24. - 27.10.2022)



This last weekly report will be very short for a change. We had already left our research area on Thursday, October 20, as no meaningful research was possible due to deteriorating weather conditions. We had already accomplished all tasks we wanted to do – so there was no reason to remain in the area during bad weather.

We spent this last week on board during the transit to Port Hueneme with data post-processing and packing of our equipment into the various containers. The distribution of our equipment was not so easy, as after SO294 it will be spread around the world in eight different directions and has to be forwarded directly to other projects. After successful loading and packing, all the labs had to be cleaned, because after our trip, the next science team is arriving for the cruise SO295.

On October 26, the time finally had come: we arrived in Port Hueneme and now had to adjust some things that had become strange after 7 weeks at sea, such as wearing an FFP2 mask. After unloading the containers and other luggage on October 27, all the scientists of Expedition SO294 left the ship on the morning of October 28 and started their journeys home.

Expedition SO294 was a very successful cruise with a huge amount of new and highly interesting data. On behalf of all the scientists involved, I would like to thank Captain Tilo Birnbaum and the entire crew of RV SONNE for their tireless and energetic support, without which such a cruise could never have worked successfully. All of us from SO294 wish the SONNE a safe journey at all times as well as good luck and good seas for the next project SO295.

All are well and send greetings home.

On behalf of all participants of Expedition SO294 “CLOCKS”

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