

## Expedition SO286 - IceDivA2

05.11. - 08.12.2021, Emden - Las Palmas

### 1<sup>st</sup> Weekly Report

04. - 07.11.2021



Welcome back onboard RV SONNE for IceDivA part 2: Icelandic marine Animals meets Diversity along latitudinal gradients in the deep sea of the Atlantic Ocean - IceDivA2 begins!

On January 4th the first trip to the North Atlantic (SO280) for the IceDivA project began, now exactly 10 months later the second trip will begin under the motto "To be continued" ... and as usual "spontaneous, creative, and multi-flexible"! The entire scientific team tested negative for Covid by means of PCR tests using the current "Outbreak Management Plan" of the Briese shipping company and the German Research Vessels Control Center before SO286 commenced. A bus transfer took us to RV SONNE on Thursday morning. In the afternoon everyone had the opportunity to check in and either feel "back home" immediately or, in the case of everyone who is on board for the first time, to familiarise themselves with their new surroundings. Following the bedding in period, the containers could already be unpacked and the expedition boxes stowed away in the laboratories for sea-going purposes (Fig. 1). During the evening before departure, all of the large equipment had already been set



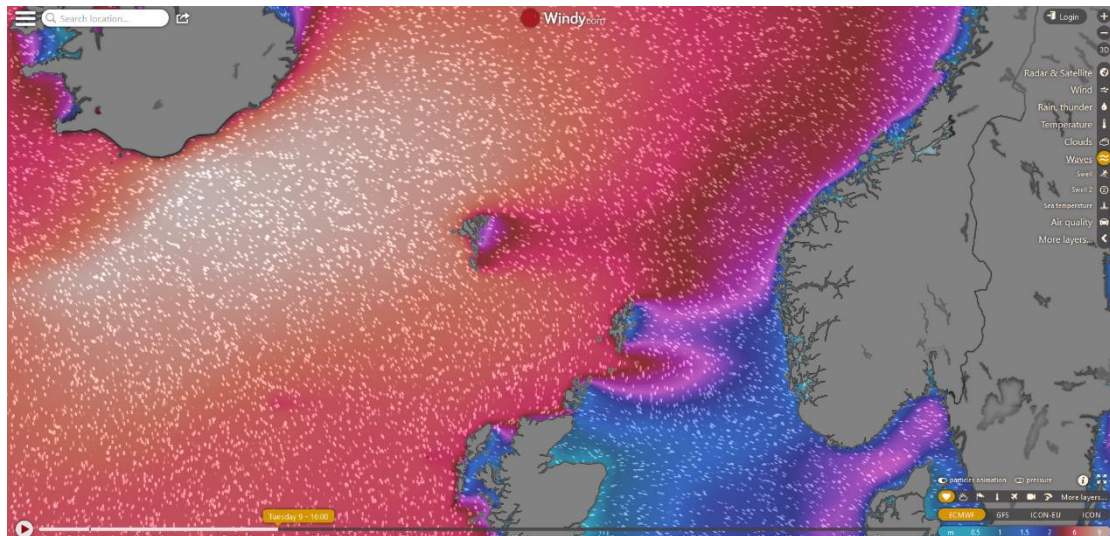
**Figure 1.** Container unpacking: Freddy Bonk, Severin Korfhage, and Tim Bierschenk bring Boxes to the lab.

up and fastened to the deck so that it was seaworthy. Well prepared, the SONNE set sail early on Friday. At 09 o'clock we were through the lock in Emden and entered the River Ems in direction North Sea (Fig. 2). The afternoon was used for equipment meetings and the first safety training on board. Crossing the North Sea we reached Norwegian waters early on Saturday morning. Immediately the sea became choppy.



**Figure 2.** RV SONNE leaves Emden through the lock. Auf Wiedersehen, Germany!

command and the responsible technician, this procedure was discussed in a strategic planning meeting on Saturday.



**Figure 3.** Weather forecast for 9.11.: Screenshot Windy and Waves. Seeking refuge behind the Faroe Islands is the plan...

Today, Sunday, we are currently driving at full speed towards the Parasound test station in the Norwegian Basin, where an external technician on board will test and calibrate the Parasound for the coming trips. Since we don't have a large time window due to the weather, the Parasound test, which is scheduled for 16 hours, will probably be shortened due to the weather. Everything in the laboratories and cabins is stowed and secured in a weatherproof manner so that it cannot fly through the rooms in the event of severe waves. Although station work will not be possible for the time being, we will make good use of the time during the weather and prepare our livestream for the ocean decade. The implementation of the concept of the digital visit here on board the SONNE during the satellite event for the UN Ocean Decade announced as "A floating classroom" will be broadcast under the following link on November 18, 2021 from 5 to 7 p.m. German time:

<https://www.oceandecade-conference.com/en/satellite-activities-a-clean-ocean.html>

We are in good spirits and are looking forward to the first samples after the storm.  
A warm greeting from the SONNE ashore,

Sunday November 7th 2021, Norwegian Sea,

Saskia Brix & James Taylor

Cruise Leader team, Senckenberg am Meer