



MOSAiC Status Update Nr. 12/2019

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1. Freight – repacking week in September & work visits Polarstern & Fedorov

As the departure approaches, it becomes more and more clear, that we will have to sort many things during repacking in Tromsø. Given that, storage space and time is limited, this needs to be as efficient as possible. If you have not done so, please send your commented freight lists (see last Status Update) to your coordinators. Items that are not on any list will be taken into account last!

Some organizational matters:

Access to the harbour area is restricted. All people that need access need to be on the lists!
(To be found here: [MOSAiC All/groups/Logistics](#))

If you need to do any work on board of Polarstern please specify as good as you can, as we need to coordinate this with the Crew.

If you need to have access on board of Fedorov, please fill the list for this – there are some more details needed.

We will organize a daily shuttle from town to the harbour and back from the 7th of September to the 20th of September.

More details about the schedule and how to sign up for it will follow. It will most likely be going in the morning, around lunchtime and in the evening.

It will not be possible to have meals on board Polarstern or Fedorov. Please either bring sandwiches or use the shuttle to go to town for lunch.

2. Empty boxes & cargo that stays behind

Due to the aforementioned limited space on board, we urge everybody to leave empty boxes of devices that will be installed on board behind. We will organize transport of these boxes to Bremerhaven, they will then be ready once Polarstern arrives there in October 2020.

Please make sure your boxes are still labelled correctly so that you are able to identify them after one year

If you have complete containers, that need to be sent to Bremerhaven and stored at AWI, please contact Nina Machner via schiffskoord@awi.de.



3. Freight in EIS – IMO Declaration and Containers

We have received many questions about how to fill the form for the IMO declaration in EIS. Please use the following scheme:

Reference Number: empty
Carrier: empty
Ship's name and voyage no:
RV POLARSTERN, PS122
Port of loading: Tromsø
Port of Discharge: BREMERHAVEN
Place: Place of the Institute

If you send complete containers, please use the correct container Ident number when registering them in EIS.

For example, all AWI containers have numbers as AWIU 233 501-5.

Please make sure to use the correct dimensions as well. A standard 20'' container is 606x244x259 cm big.

4. What is provided, what do you need to bring?

Even though many of you have been on board of Polarstern or other ships before, we advise you to have a look at the following documents, to make sure you are well prepared:

<https://spaces.awi.de/display/EFPW/Things+to+bring+along>

[M365: MOSAIC_all/Information for participants/best practise](#)

Some important things:

As we have a very limited internet connection, the use of credit cards on board will most likely not be possible. **You need CASH for all purchases on board (board shop, merchandise, and bar)!**

There is no space in the cabins to store an empty trolley/suitcase. Please use foldable luggage such as duffle bags etc.

Please remember to bring the following documents:

- Valid Passport (min 6 months after arrival back on the mainland)
- STCW certificate / or proof of participation
- Certification of health insurance / travel insurance

A small reminder regarding equipment that has to be brought by participants/teams and will not be provided by AWI Logistics:

- Headlamps (with red light)
- Pee bottles
- GPS handhelds
- Personal safety gear for specialised work (for example cut protection)



5. Insurance for participants

Information about insurance for participants can be found in the MOSAiC Handbook: <https://spaces.awi.de/display/EFPW/Insurance+for+participants>

6. Information about forecast products

The modelling team implemented some points of the discussions during the last MOSAiC meeting in Potsdam. On the one hand, a new post processing product from the ICON weather forecast has been implemented. This shows vertical cross sections (height vs forecast time) of key atmospheric variables at the Polarstern site (but other sites can be included) and the lowest 2 km is blown up. On the other hand, additional parameters from two coupled models (ECCC and NOAA-ESRL) sea-ice forecast has been implemented in a graphic product. Example plots are attached. All this will be available for scientists on Polarstern. We hope you find those products useful. If you have any feedback, please contact the model team coordinators.

7. Weekly reports during MOSAIC – only Blog!

For MOSAiC there will not be the usual weekly reports, but a regular blog entry. The link will be sent to all your contacts that should receive the weekly reports (to be stated in EIS) as well as on the MOSAiC website.

8. Media participation and coordination

In order to give as many people as possible a first-hand experience of the expedition and its science, selected media will accompany the expedition. Some of these media representatives will probably try and contact you even before the expedition starts. All media representatives are briefed to protect your privacy - especially on board. At the briefing in Tromsø or on board the Akademik Fedorov, you will have the opportunity to meet the media representatives in person.

The MOSAiC Communications team would kindly like to ask all participants to cooperate with the media representatives on board. Should you have any questions or feedback, we will be happy to serve as your point of contact at any time, both on board and ashore. Please contact Katharina Weiss (katharina.weiss@awi.de) or media@mosaic-expedition.org directly.

Media participation: Leg 1a (mainly Akademik Fedorov, partly Polarstern)

- Daisy Dunne: Carbon Brief
- Marlene Göring: GEO, P.M., Stern, Geolino
- Shannon Hall: Scientific American, Quanta Magazine
- Chelsea Harvey: E&E News
- Martha Henriques: BBC Future
- Ravenna Koenig: National Public Radio (USA)

MOSAIC documentary: Leg 1-6

One of the core elements of the MOSAiC outreach campaign is the production of a high-quality documentary with an international reach. A two-person camera team from Germany's largest film



production company, UFA, will accompany us on all stages of the journey. Philipp Grieß (Producer) coordinates this project.

There will be a media coordinator present on both, Polarstern and Akademik Fedorov. If you have any questions or need support on board regarding media contacts, please feel free to contact us! media@mosaic-expedition.org

9. MOSAIC Merchandise

On board Polarstern, there will be an assortment of different MOSAIC merchandise to buy, including branded hoodies, thermos flasks, T-shirts, etc.

10. Deadlines & Timeline

From now on, please check the MOSAIC Handbook:
<https://spaces.awi.de/display/EFPW/Cruise+planning>
<https://spaces.awi.de/display/EFPW/Deadlines>