

Ocean Sci. Discuss., author comment AC3 https://doi.org/10.5194/os-2022-17-AC3, 2022 © Author(s) 2022. This work is distributed under the Creative Commons Attribution 4.0 License.

## Reply on RC2

Øyvind Lundesgaard et al.

Author comment on "Import of Atlantic Water and sea ice controls the ocean environment in the northern Barents Sea" by Øyvind Lundesgaard et al., Ocean Sci. Discuss., https://doi.org/10.5194/os-2022-17-AC3, 2022

We appreciate the insightful review of our paper by Dr. Lenn on our manuscript "Import of Atlantic Water and sea ice control the ocean environment in the northern Barents Sea". We found the comments very helpful, and we believe they have contributed to a better manuscript upon revision.

Please find our detailed response to the review in the attached pdf.

Please also note the supplement to this comment: <a href="https://os.copernicus.org/preprints/os-2022-17/os-2022-17-AC3-supplement.pdf">https://os.copernicus.org/preprints/os-2022-17/os-2022-17-AC3-supplement.pdf</a>