

Ocean Sci. Discuss., author comment AC2  
<https://doi.org/10.5194/os-2022-16-AC2>, 2022  
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## Reply on RC2

Sergei Kirillov et al.

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Author comment on "The role of oceanic heat flux in reducing thermodynamic ice growth in Nares Strait and promoting earlier collapse of the ice bridge" by Sergei Kirillov et al., Ocean Sci. Discuss., <https://doi.org/10.5194/os-2022-16-AC2>, 2022

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Dear Dr. Melling,

We greatly appreciate your efforts in careful reading and reviewing our manuscript. We found your comments and suggestions very useful in improving and clarifying the text. Most of them have been accepted, and the corresponding corrections made except the cases when we disagreed with your opinion. For those, we have provided a response and explained why we preferred to keep the original version. All our responses and proposed changes can be found in the attached document.

Sincerely,

Sergei Kirillov

On behalf of authors

Please also note the supplement to this comment:

<https://os.copernicus.org/preprints/os-2022-16/os-2022-16-AC2-supplement.pdf>