

Ocean Sci. Discuss., author comment AC1  
<https://doi.org/10.5194/os-2022-18-AC1>, 2022  
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## **Reply on RC1**

Alan D. Fox et al.

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Author comment on "Exceptional freshening and cooling in the eastern subpolar North Atlantic caused by reduced Labrador Sea surface heat loss" by Alan D. Fox et al., Ocean Sci. Discuss., <https://doi.org/10.5194/os-2022-18-AC1>, 2022

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We thank Referee #1 for their positive comments and for recognising the current work as an interesting and timely contribution. We also thank Referee #1 for their constructive criticism, in particular we accept the need (also expressed by other Referees, to better place our work in the context of previous work. The attached pdf file contains our responses to Referee #1's points and an outline the changes we will make to address the comments if invited to submit a revised manuscript.

Please also note the supplement to this comment:  
<https://os.copernicus.org/preprints/os-2022-18/os-2022-18-AC1-supplement.pdf>