

## **Author's response to egusphere-2023-1320**

Dear Editor, Dear Joe MacGregor,

We are pleased that the manuscript has been accepted. We agree that the manuscript would benefit from a chapter on hydrostatic imbalance. Therefore, we have replaced Appendix E with a section about the hydrostatic imbalance near the grounding line of 79° North Glacier, as suggested by the reviewer. We referenced Appendix E in the discussion but made no further changes here.

Many thanks for your efforts to improve our manuscript!

Best wishes  
Ole and co-authors