

***Interactive comment on “Large-eddy simulation of the ice shelf-ocean boundary layer and heterogeneous refreezing rate by sub-ice shelf plume” by Ji Sung Na et al.***

**Ji Sung Na et al.**

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Dear Referee, We really appreciate the reviewer's valuable comments on the improvement of model validity and manuscript. We upload the author's response for Referee comment (RC2) as a supplement. Best regards, Jisung Na.

Please also note the supplement to this comment:

<https://tc.copernicus.org/preprints/tc-2020-166/tc-2020-166-AC2-supplement.pdf>

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Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2020-166>, 2020.