

Dear Prof. Keegan

Thank you for accepting this paper for the cryosphere. We are now submitting the final paper and associated files for publication. We have also read through the manuscript and made some minor typo corrections, which we detail below:

Line 24: deleted superfluous *at*

Line 53: Changed reference Duval 1981 to Pimienta and Duval 1987

Line 110: deleted comma, corrected Figure to Fig.

Line 146: corrected *ten* to *Ten*

Line 195 and 200: corrected *orientation density function* to *orientation distribution function*

Line 376: corrected *it defines* to *it is defined*

Line 493: corrected *reached to* to *reached until*

Line 505: corrected *constraints such as knowledge the* to *constraints are available, such as knowledge that the*

Line 532: corrected *which is key processes* to *which is a key process*

Line 573: corrected *...of ice is an important...* to *... of ice. This is an important...*

Yours sincerely,

Daniel Richards

Sam Pegler

Sandra Piazzolo