

## ***Interactive comment on “Pervasive diffusion of climate signals recorded in ice-vein ionic impurities” by Felix S. L. Ng***

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Final Author Response to all reviews [postscript]

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Based on helpful remarks by Reviewer 2, I wish to issue two clarifications of my writing in AC3:

1. In Paragraph 4, I wrote: "I find it intriguing that both follow-on papers by Rempel et al. (2002) and Rempel and Wettlaufer (2003) (exploring the ramifications of Rempel theory) **\*\*had not once referred to that assumption\*\***, but instead elaborated upon an entirely different assumption in order to neglect the Gibbs-Thomson term – via its small size compared to other terms."

C1

The **\*\*** phrase is to be taken to mean "had not once referred to that assumption FOR THE PURPOSE OF NEGLECTING THE GIBBS-THOMSON EFFECT". This meaning should already be clear because of what is written in the following phrase, because of the paragraph's context, and because Lines 1-2 and Lines 6-7 of the paragraph identified the assumption as that particular assumption used to ignore the Gibbs-Thomson effect. I offer this note so the meaning cannot be mistaken.

2. Editing change to Paragraph 5, Line 10: Replace: "favoured by Reviewer 2" by "pointed out by Reviewer 2". I apologise to Reviewer 2 if the original wording did not capture his relation with the idea correctly.

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Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2020-217>, 2020.

C2