

***Interactive comment on “Brief Communication:
Update on the GPS Reflection Technique for
Measuring Snow Accumulation in Greenland” by
Kristine M. Larson et al.***

Anonymous Referee #1

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This manuscript by Larson et al. is almost fit for final publication in TC. However, for the sake of readability, I would recommend to reiterate the principle of GPS-IR in the introductory section. It is currently in section 3, but it would make sense to me to move this to the start of the paper. My suggestion would be to insert this as a first paragraph of section 1, or after the sentence in page 1 line 22.

page 3 line 66: can you explain how these vertical velocities due to the ice slope were derived?

page 3 line 74: can you clarify what you would expect? Does the combination of a shallow anchor and a tall tower cause additional settling of the tower? Please clarify

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whether the non-linear effects are an artefact of the new installation.

page 3 line 89: equal-to → equal to

page 3 line 90: relative-small → relatively small

page 4 line 99: Suggest to add that a user manual is available at GitHub as well.

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-303>, 2020.

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