

My thanks to Joe MacGregor for his constructive comments to which I respond as follows:

Text comments

- a. Outlet glacier or ice stream: *I acknowledge the confusion here, born of a development of thinking while preparing the manuscript. Amended to use ice stream exclusively as there are no bounding rock margins.*
- b. Topographic correction of radargrams: *Topographic corrections are relatively small but the final version of the manuscript now displays topo corrected profiles.*
- c. Line numbering: *I disagree with this suggestion. I think that loosing the link between published data and original file names hinders future work with the same datasets whereas the gain in clarity for the reader is very small.*
- d. Width changes vs. Fold intensity: *This will be quantified in the final version.*
- e. Reference point for flow duration calculation: *Text amended around 1228/21 to 'advected through the survey area' rather than 'advected over the grounding line' with other consequential changes.*
- f. Future work – numerical modelling: *Agree, amended.*

Figure comments

All suggestions for improving the figures (many of which overlap with those of the first reviewer) are accepted.

Grammar

All accepted.