

Response to reviews of " A Newly Digitised Ice-penetrating Radar Data Set Acquired over the Greenland Ice Sheet in 1971-1979" by Karlsson et al., submitted to ESSD.

Changes in the final version:

1. On line 55 (new version) We have changed "Antarctic ice sheets" to "Antarctic Ice Sheet" as requested by referee J. Bodart.
2. The caption of Figure 5 has been updated to include a reference to the source of the Greenland coastline. The caption now reads:
"All flight lines with digitized coordinates in purple where the parts of the flight lines that have no bed signal are shown in yellow. The Greenland coastline in black is from the digital elevation model by the ESA CCI (European Space Agency Climate Change Initiative) and is based on a composite product of Cryosat-2 elevation measurements and the 5 metre resolution digital elevation model provided by the Polar Geospatial Center at University of Minnesota, USA."

Once again we would like to thank the editor N. Dematteis and referees J. MacGregor and J. Bodart for their constructive reviews of the our manuscript.

On behalf of all authors,



Nanna B. Karlsson