Reply on RC1
Alice C. Frémand et al.

Author comment on "British Antarctic Survey's aerogeophysical data: releasing 25 years of airborne gravity, magnetic, and radar datasets over Antarctica" by Alice C. Frémand et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2022-49-AC1, 2022

We would like to thank both reviewers for very insightful and constructive reviews of our manuscript, as well as the editorial team for handling the review process. We are very pleased to see that both reviewers recognised the importance and usefulness of our dataset and manuscript, as well as the time invested in standardising and publishing the data following the FAIR principles. Both reviewers have provided us with some excellent comments, which have undoubtedly improved the quality of our manuscript.

In the attached supplement, we begin by addressing the comments from Reviewers #1, followed by those made by Reviewer #2. We have formatted the comments of each reviewer in italics, and have indented our responses in red below each comment. Attached to this response letter are also two versions of the manuscript, one with changes highlighted in red ('ESSD_dataPaper_BAS_resubmit_highlighted') and the final updated version with all changes incorporated but not highlighted ('ESSD_dataPaper_BAS_resubmit').

Please also note the supplement to this comment: https://essd.copernicus.org/preprints/essd-2022-49/essd-2022-49-AC1-supplement.pdf