The Cryosphere Discuss., author comment AC1  
https://doi.org/10.5194/tc-2022-11-AC1, 2022  
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Reply on EC1  
Giacomo Traversa et al.

Author comment on "Megadunes in Antarctica: migration and characterization from  
remote and in situ observations" by Giacomo Traversa et al., The Cryosphere Discuss.,  
https://doi.org/10.5194/tc-2022-11-AC1, 2022

The authors thank the Reviewers and Editor for their constructive comments and  
corrections that have significantly increased the scientific quality of the manuscript and its  
clarity.

Here we present our answers to the reviewer’s comments. In particular the manuscript  
has been significantly modified and presented more concisely (10% reduction in length),  
with additional analysis and expanding key points in the discussion section. In addition,  
we provide, according to the reviewers’ suggestions, detailed comparisons of the data and  
their correlation along the examined transects, the classification of the glazed surface  
using topographic, NIR albedo and temperature brightness parameters and clarify the  
megadune migration processes and implications.

The revised version and a version with tracked changes are provided, but due the  
manuscript reshaping the tracked change is very difficult to follow.

We hope that the revised version of the manuscript has improved the quality of the text  
and of the scientific message.

Changes and answers in response to the Reviewer’s comments/suggestions (in italic) are  
highlighted in bold A.

Please also note the supplement to this comment:  