

Atmos. Meas. Tech. Discuss., referee comment RC1
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Comment on amt-2021-388

Anonymous Referee #1

Referee comment on "Cloud phase and macrophysical properties over the Southern Ocean during the MARCUS field campaign" by Baike Xi et al., Atmos. Meas. Tech. Discuss., <https://doi.org/10.5194/amt-2021-388-RC1>, 2022

This manuscript presents a statistical analysis of the macrophysics of the Southern Ocean cloud, which is helpful to advance the understanding of the SO cloud distribution and its characteristics. Even though most of the conclusions are solid, some figures and descriptions need more justifications. I would suggest a major revision of the manuscript before processing it for publication. Detailed comments can be seen in the attached file.

Please also note the supplement to this comment:

<https://amt.copernicus.org/preprints/amt-2021-388/amt-2021-388-RC1-supplement.pdf>