

## ***Interactive comment on “Comment on “Identification of the IMF sector structure in near-real time by ground magnetic data” by Janzhura and Troshichev (2011)” by Peter Stauning***

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Received and published: 9 February 2021

Reply to RC1: (<https://doi.org/10.5194/angeo-2020-53-RC1> )

Referee #1 has expressed very precisely my concerns over the publication Janzhura and Troshichev (2011) which has Dr. Troshichev as the corresponding author. Having detected by recalculations adhering meticulously to authors' definition of their "real-time" method that the illustrations were different from the ones presented in their Figs. 1, 6, 7, and 8, I completely concur with reviewer's conclusion that "some record of this

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should be published".

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Detailed point-by-point replies to the SC1 submitted by Dr. Troshichev have been provided in my former interactive reply (<https://doi.org/10.5194/angeo-2020-53-AC1> ). To this reply I would like to add the final comment from Referee#1 that upon publication of my comment: "A subsequent reply by the authors of [J & T 2011] would provide an opportunity to present additional reanalysis and determine how well their original thesis is supported in the light of new results". C2

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Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2020-53>, 2020.

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