



EGUsphere, author comment AC1
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Reply on RC1

Stephen R. Kaeppler et al.

Author comment on "On the use of high-frequency surface wave oceanographic research radars as bistatic single-frequency oblique ionospheric sounders" by Stephen R. Kaeppler et al., EGU sphere, <https://doi.org/10.5194/egusphere-2022-39-AC1>, 2022

We wish to thank the reviewer for their review of this manuscript. We have added in a reference to the thesis by Heitmann near line 45 of the revised draft. Regarding your question of setting up a fast set of sounders, we certainly agree this is a better way to approach investigating TIDs. However, the purpose of this investigation is to focus on what we can derive from an existing set of HF transmitters, which has a fixed frequency and waveform characteristics, which we do not control. We have added a few sentences throughout the manuscript to make the point that we do not control the transmit frequency or waveform characteristics. See lines 69, 315, and 340 of the revised manuscript. We are also sorry to hear you had trouble uploading your response, but that is a system that the EGU journal will need to update.