



EGUsphere, referee comment RC1
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Comment on egusphere-2022-252

Qian Yu (Referee)

Referee comment on "Technical note: On seasonal variability of the M_2 tide" by Richard D. Ray, EGUsphere, <https://doi.org/10.5194/egusphere-2022-252-RC1>, 2022

This manuscript is on the seasonal variability of the M_2 tide, which has been widely recognized based on global observations. It provides a comprehensive and clear description of the origin of the seasonal variability of the M_2 tide, which has not been found in literatures. In addition, the nomenclature used in the M_2 tidal group is clarified, and H_1 and H_2 should be abandoned.

I believe that it will be a paper of high impact. The concept is fundamentally important to be written in the textbooks on the ocean tides. Thus, I recommend its publication in the current form.