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 M2 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 M2 tide, which has not been found in literatures. In addition, the nomenclature used in the M2 tidal group is clarified, and H1 and H2 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 recommand its publication in the current form.