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Oral

The ongoing GRACE(-FO) Release 7 (RL07) re-processing aims to understand the source of the remaining errors in gravity recovery, further reduce the error in the monthly gravity field solutions, improve the fidelity of error estimates and eventually establish a baseline for multi-mission continuity. As part of the efforts, an intermediate mean gravity field model GIF63 is developed in preparing for the final re-processing. We used the updated data, including preliminary GRACE V05 L1B data, reprocessed GOCE V202 gravity gradient data as well as pseudo surface gravity data. In this presentation, we summarize efforts to incorporate the latest progresses in gravimetry and the resulting GIF63 model.

Presentation file

[zhang-chaoyang.pdf](#)

Meeting homepage

[GRACE-FO 2025 Science Team Meeting](#)

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