

As the former Reviewer #1, I believe that the authors have responded to my suggestions and comments, and those of the other reviewers, satisfactorily. However, there are some further minor points:

* Former minor point 1: The explanation should be placed at the end of Line 70, "In this study, we analyze the effects of the turbulent mixing generated by the M2 internal tides on the ocean circulation."

* Former minor point 3: Please provide references for your first and second arguments.

* Fig. 1: Please add the unit and also check the rest of the figures for similar mistakes.

Thank you to the authors for responding to all of the reviewers so thoroughly, and congratulations on your manuscript. I am happy to recommend publication in the Geoscientific Model Development after the small corrections noted above.