

Interactive comment on “Dealing with discontinuous meteorological forcing in operational ocean modelling” by Bjarne Büchmann

Anonymous Referee #2

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Reply to the authors comments

Add 1

I understand the wish of the author “to keep the manuscript brief in the spirit of creating a technical note”. Nevertheless, I do assume that for promoting the use (and getting the right to do it) inside FCOO of the ramping method, the author must have produced a more detailed report. I don’t ask for such a detailed report but for something in between the actual version of the paper and something which could convince me I should use the ramp method. To be fair, I should say we are using the ramp0 method for years and would like to know if it possible to do a better job. I understand that the “magnitude of the problem differ from case to case”, however, we do hope that the tendencies remains valid. For the model results from the inner domains (North Sea, e.g.), I have

no problem if they come from the NA3 implementation even if those results are not used in operational mode. If possible, this will avoid the mixture of models/model forcing.

Add 2

You know why I have a particular interest for the ramp0 method.

Add 3

A good description of the method (as it is foreseen, see below) will help to understand Figure 4.

Suggested revisions

1. If the method is well described, there is no need to change Figure 4.
2. The explanation of the method is good.
3. Thanks to add ramp0 data. Results at one station in the North Sea will be greatly appreciated as well.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2019-35>, 2019.

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Discussion paper

