

***Interactive comment on “Contribution of shipping
NO_x emissions to the marine nitrogen budget of
the western Baltic Sea – A case study” by
D. Neumann et al.***

Anonymous Referee #2

Received and published: 3 September 2019

General comments:

The manuscript attempts to answer a relevant ocean research question, which is very clearly stated in the title.

The manuscript reads in a clear, concise, and well-structured way. The scientific approach is transparent and the methods and results are presented in an appropriate way.

However, the manuscript is lacking in the discussion and conclusions sections.

Specific comments:

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The summarizing discussion section mainly consists of a summary of the results and very little actual discussion and the results are not set in context to relative literature.

The conclusions section partly consists of discussion and recommendations for further studies. It is not very clear what the conclusions are, except “. . . , the shipping sector might relevantly contribute to eutrophication at specific locations in the western Baltic Sea in summer.”

It seems too unsubstantial for the work that has been done and needs to be improved.

Technical corrections:

Page 2, Line 33: I think it should be ‘where’ instead of ‘with’.

Page 3, Line 79: Remove ‘But’ at the start of the sentence.

Page 16, Line 88: Consider rephrasing “. . . stations distant to the coast . . .”.

Interactive comment on Ocean Sci. Discuss., <https://doi.org/10.5194/os-2019-78>, 2019.

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