Dear Robert Larter,

Thank you for your comments on the paper!

I would like to make a couple of quick comments on the points raised:

1) Access to the data for reviewers. There are single use keys for data access which can be made available to the reviewers direct from the journal editorial team...or from me via an email (autun.purser@awi.de). Please let me know if you would like one of these?

2) The repeat of the data availability info in the abstract. This is a feature of the ESSD journal submission at the moment, and was directly requested by the journal.

3) As to the lazer points, I will add some indicative arrows to an image in the revised version of the manuscript.

Thank you again for your rapid response!

Autun Purser, on behalf of all authors