

Interactive comment on “From pole to pole: 33 years of physical oceanography on board of R/V POLARSTERN” by Amelie Driemel et al.

Amelie Driemel et al.

amelie.driemel@awi.de

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We would like to start with expressing our thanks to Mr. Viazilov for reviewing our article. It is especially rewarding to receive such a positive review from an expert in the field of hydrometeorological data management. We agree that Russia has an invaluable history of oceanographic research. In the following we provide answers as to how we incorporated his proposals into our manuscript:

1.) #Proposal#: It is desirable to have a download not only of one cruise, but also all the cruises in a packaged file.

#Answer#: We added a section in chapter 3.1 on how to download several or all files: [“To download several or all datasets at once, you can either use the Data Warehouse integrated into PANGAEA, or you can use a program especially designed for this pur-

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pose called PanGet. Data Warehouse: Log in to PANGAEA (or create an account) at www.pangaea.de, then search for 'PSctd' (or 'PSctd +oxygen' etc.). On the top right corner you can now click on Data Warehouse (above the google map), here you can choose which parameters you want to download, then click on "Start Data Warehouse Query". Please be aware that downloading all files creates a file >1.5 GB which might take a while to download. How to download files with PanGet is described at <https://wiki.pangaea.de/wiki/PanGet>.”]

2.) #Proposal#: It would be very helpful if all the profiles were presented in one of the accepted international formats of structured data, for example, Ocean Data View (ODV)

#Answer#: We added a section to chapter 3.1 on how to easily import the data in ODV

3.) #Proposal#: It is equally important to have a spatial distribution of oceanographic stations in the geographic information system, to be able to choose one or several expeditions belonging to the same region.

#Answer#: We created an interactive kmz file where one can zoom into the single sites and click on the one of interest, with a link to the dataset then opening up. The kmz has been linked in the manuscript and also in the data overview at [doi:10.1594/PANGAEA.860066](https://doi.org/10.1594/PANGAEA.860066).

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