

Interactive  
Comment

## ***Interactive comment on “Greenland Ice Sheet exports labile organic carbon to the Arctic oceans” by E. C. Lawson et al.***

**E. C. Lawson et al.**

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On reflection, we have changed our response to the following comment from Reviewer #1;

Figure 2. Legend states that suspended sediments are plotted. You mean the POC data? Why not plot the POC in micromolar so that it is directly comparable with DOC?

We thank the Reviewer for their comment. The caption for Figure 2 is correct and we purposely plotted SSC owing to the uncertainty associated with the POC calculations. We use SSC plotted in Figure 2 to make basic inferences about the POC export, e.g. when SSC is relatively high, the POC concentration will also be relatively high, regardless of which value (minimum, mean or maximum) we use for POC. The un-

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certainty associated with the POC determinations has been discussed in response to earlier comments from the Reviewers, and we decided that plotting SSC would more accurately illustrate the particulate flux from Leverett Glacier.

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Interactive comment on Biogeosciences Discuss., 10, 19311, 2013.

**BGD**

10, C9407–C9408, 2014

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C9408

