Biogeosciences Discuss., 8, C4253–C4253, 2011 www.biogeosciences-discuss.net/8/C4253/2011/ © Author(s) 2011. This work is distributed under the Creative Commons Attribute 3.0 License.



**BGD** 

8, C4253-C4253, 2011

Interactive Comment

## Interactive comment on "Carbon dynamics in the western Arctic Ocean: insights from full-depth carbon isotope profiles of DIC, DOC, and POC" by D. R. Griffith et al.

## B. Chen

chenbaoshan@gmail.com

Received and published: 9 November 2011

- 1. "in situ DIC fixation at these depths (3-16 umol C m^(-3))" in line 9, page 10687. Is the unit correct?ãĂĂI think that it should be "umol C L^(-3)", or the value is too small to be detected.
- 2. For the calculation on page 10686, if no advected POC or sorbed DOC was considered, will the picture of the in situ DIC fixation be changed a lot?

Interactive comment on Biogeosciences Discuss., 8, 10677, 2011.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

