

## ***Interactive comment on “Inorganic carbon time series at Ocean Weather Station M in the Norwegian Sea” by I. Skjelvan et al.***

**I. Skjelvan et al.**

Received and published: 12 December 2007

The following are our answers to the comments from C. Goyet 16 Nov 2007:

Thank you very much for your comments.

We do agree that several references should be mentioned in the manuscript. When it comes to your comment on the origin of the MLR method we will mention both Wallace and Brewer et al., since these papers were published at the same time.

We also agree that the anthropogenic carbon estimate based on eMLR should be compared with other anthropogenic estimates and are looking into this issue. The originally TROCA method gave negative values of anthropogenic carbon in the Nordic Seas, but the revised TROCA method suggested by Goyet (Touratier et al., 2007) seems to give more reliable values. At present the challenge is, however, that we do not have final-

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

ized alkalinity data available from OWSM, which limits the selection of anthropogenic methods usable for comparison.

When it comes to the discussion part we will revise this and make it more to the point as the referee suggests.

Sincerely, Ingunn Skjelvan, on behalf of the authors

---

Interactive comment on Biogeosciences Discuss., 4, 2929, 2007.

**BGD**

4, S2136–S2137, 2007

---

Interactive  
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper