

Interactive comment on “Spatiotemporal variations of $f\text{CO}_2$ in the North Sea” by A. M. Omar et al.

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Response to anonymous Referee #1: We are grateful for the reviewer's comments/suggestions and overall positive evaluation of our work. All the edits suggested by the reviewer were included in the revised manuscript.

Response to a nonymous Referee #2: We are glad for an overall positive evaluation of our work and appreciate the reviewer's comments/suggestions. All minor changes suggested by the reviewer were included in the revised manuscript. In particular, the 0.5 degree mentioned in page 1662 of the original manuscript was a typographical error and no data outside the box were used. Regarding this issue the revised manuscript states “Data from these 18 months were used to assess the consistency between measurements from the two ships within the crossover area (bounded by 57.94 – 58.3°N, C881

5.23 – 5.5°E; see Fig. 1). For this purpose the data from each ship have been organized into 0.27°E×0.38°N×7days bin averages for each year.”

Interactive comment on Ocean Sci. Discuss., 6, 1655, 2009.