

Interactive comment on “TECHNICAL NOTE: Coupling infrared gas analysis and cavity ring down spectroscopy for autonomous, high temporal resolution measurements of DIC and $\delta^{13}\text{C}$ -DIC” by Call et al.

Mitchell Call et al.

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We thank the Associate Editor, Dr Jack Middleburg, for his positive feedback and reviews which have helped improve our manuscript. We have revised the manuscript with the minor corrections:

p.1, abstract. Accuracy is reported in permille, indicate that this refers to $\delta^{13}\text{C}$ to avoid confusion with accuracy of DIC.

We added “for $\delta^{13}\text{C}$ -DIC” so it now reads:

“Accuracy of $0.1 \pm 0.06 \text{ ‰}$ for $\delta^{13}\text{C}$ -DIC based on DIC concentrations ranging from 2000 $\mu\text{mol kg}^{-1}$ to 2230 $\mu\text{mol kg}^{-1}$ was achieved during a laboratory-based algal bloom experiment.”

p.7, last line section 3.3: mesocosm

We corrected the spelling error. Now reads “mesocosm”.

p. 8, line 3, paragraph 3: before increasing during

We corrected the spelling error. Now reads “increasing”.

p. 3, one but last line, paragraph 3: allochthonous

We corrected the spelling error. Now reads “allochthonous”.