

Interactive comment on “Export of calcium carbonate corrosive waters from the East Siberian Sea” by Leif G. Anderson et al.

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1 We include the suggested reference to Comeau et al (2010).

2 We expand the text with the notation that the $\text{HCO}_3^-/\text{H}^+$ ratio or just the H^+ are the controlling factors of biogenic calcium carbonate precipitation and include the suggested references.

3 We cite the paper by Haese et al (2014).

4 A sentence describing the consistencies of our measured carbonate system data is included.

5 Finally with regard to the impact of salinity on the solubility of calcium carbonate we are mainly considering its effect on the calcium ion concentration, not on the chemical

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equilibrium solubility product or carbonate ion concentration. This is clarified in the next version of the text.

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