

Interactive comment on “Experimental determination of Henry’s law constants of difluoromethane (HFC-32) and the salting-out effects in aqueous salt solutions relevant to seawater” by Shuzo Kutsuna

S. Kutsuna

s-kutsuna@aist.go.jp

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Thank you very much for the constructive comments.

The comments are on description of errors and potential systematic bias for the determined values, discussion of the salting-out behavior observed, estimate of the amount of CH₂F₂ dissolved in the ocean mixed layer, and relation between dissolution of CH₂F₂ in the ocean and estimation of CH₂F₂ emissions in the Southern Hemisphere and its seasonal variability.

I will reply to each comment as mentioned in a pdf file attached. In the pdf file, parts of

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Discussion paper



texts and numbers revised in the manuscript are marked in blue.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/acp-2017-58/acp-2017-58-AC4-supplement.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2017-58, 2017.

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