

## ***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***

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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 CH<sub>2</sub>F<sub>2</sub> dissolved in the ocean mixed layer, and relation between dissolution of CH<sub>2</sub>F<sub>2</sub> in the ocean and estimation of CH<sub>2</sub>F<sub>2</sub> 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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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>

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