

Interactive comment on “Technical Note: Ensuring consistent, global measurements of short-lived halocarbon gases in the ocean and atmosphere” by J. H. Butler et al.

Anonymous Referee #3

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This reviewer basically shares the view of the authors that a coordinated effort should be made to ensure that laboratories across the world are inter-calibrated. However, I agree with Reviewer 1 that the manuscript has very little substance, and it is repetitive. Basically this article could be condensed to one or two pages and contain the same amount of meaningful material that it now has and eliminate the figures which do not add much to the document as is. Alternatively, the document could be re-written with more conciseness and clarity and 1) make a stronger case for the need of a large scale effort 2) contain the list of target species (including chlorine-containing species?), and 3) go into more depth about previous inter-calibration experiments in which tanks were sent around versus smaller flasks and 4) make a strong case for the latter if that is

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indeed the consensus of the group. Proposed mechanisms for accomplishing the goals of the group should also be discussed in the revised paper in the event that the editor decides that it should be more than a one or two pager.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 11287, 2009.