

Interactive
Comment

Interactive comment on “Distributions, long term trends and emissions of four perfluorocarbons in remote parts of the atmosphere and firn air” *by* **J. C. Laube et al.**

J. C. Laube et al.

j.laube@uea.ac.uk

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Referee comments

This paper reports the first data set of atmospheric abundances for four perfluoroalkanes. These results will be of significant interest to the atmospheric science community and I recommend it for publication. Only one thing to post so far: p. 4063 l. 16 IPCC 2007 reference should be updated to the WMO 2011 reference since some lifetimes values were a little bit modified. For instance the lifetime of C6F14 of 3200 yrs was replaced with 3100 yrs. And the lifetime of C7F16 was already included (3000 yr) WMO 2011: WMO (World Meteorological Organization). Scientific assessment of ozone de-

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pletion: 2010, global ozone research and monitoring project–report no. 52.

Author response

We would like to thank you for reviewing our manuscript. The IPCC, 2007 reference has been replaced with WMO, 2011.

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 4073, 2012.

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