

## ***Interactive comment on “Transport of Antarctic stratospheric strongly dehydrated air into the troposphere observed during the HALO-ESMVal campaign 2012” by C. Rolf et al.***

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These new observations are indeed very welcome, and show some new light on the spread of dehydration from Antarctica; the authors are to be congratulated. I suggest they may find some support from earlier aircraft data in the following references:- J Geophys Res 94, 11687-11737 [1989] Geophys Res Lett, 17, 353-356 [1990] Nature, 344, 321-324 [1990] Quart J R Meteorol Soc, 123, 1-69 [1997]

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