

***Interactive comment on “Missing SO<sub>2</sub> oxidant in the coastal atmosphere? – Evidence from high resolution measurements of OH and atmospheric sulfur compounds” by H. Berresheim et al.***

**P.S. Monks (Editor)**

p.s.monks@leicester.ac.uk

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With respect to the arguments made in this paper re. the role of ozone-alkene chemistry at Mace Head. It might help your arguments (or not) if you look at some of the previous work that has looked at this issue at Mace Head see Salisbury et al. (2001).

Salisbury, G., Rickard, A. R., Monks, P. S., Allan, B. J., Bauguitte, S., Penkett, S. A., Carslaw, N., Lewis, A. C., Creasey, D. J., Heard, D. E., Jacobs, P. J., and Lee, J. D.: Production of peroxy radicals at night via reactions of ozone and the nitrate radical

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in the marine boundary layer, *Journal of Geophysical Research-Atmospheres*, 106, 12669-12687, 2001.

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