

## ***Interactive comment on* “Bromocarbons in the tropical marine boundary layer at the Cape Verde Observatory – measurements and modelling” by L. M. O’Brien et al.**

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I would like to thank the Authors for the efforts they have gone to validate the accuracy of their measurements. This they have done so exhaustively, and have failed to find any evidence for a systematic error in their measurements. It is true that there are a few remaining technical reasons why an unrecognised error may have been missed, but these appear unlikely, and cannot be tested further at present; but may be the subject of future work. At this stage there is no reason to doubt the concentrations quoted; and indeed their veracity has been robustly defended. The origin of the high concentrations remains a mystery, and may be due to exceptionally high production rates from

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local biogenic sources, such as attached intertidal seaweeds, as suggested by the Authors, or perhaps even offshore sargassum communities. This discussion highlights the value that can be expected from future concerted attempts to intercompare calibration scales between labs internationally. With all other concerns having been dealt with, the revised manuscript is now accepted for publication (see Final Revised Paper which will appear within a few weeks from today's date).

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Interactive comment on Atmos. Chem. Phys. Discuss., 9, 4335, 2009.

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