

Interactive comment on “Gas phase acid, ammonia and aerosol ionic and trace element concentrations at Cape Verde during the Reactive Halogens in the Marine Boundary Layer (RHAMBLE) 2007 intensive sampling period” by R. Sander et al.

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Received and published: 24 September 2013

We thank the anonymous reviewer for his/her comments (shown below in italics). Our replies are embedded:

In its current form nothing is available on a single platform. For assessing the data one has to download a zip file and then decompress.

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On its web page, the journal Earth System Science Data (ESSD) describes how data sets should be presented. They request that the data sets referenced in the manuscript are submitted to a long-term repository. We followed these instructions, therefore the paper and the data are on different platforms. We are open to any suggestions from the reviewer how to improve the data availability.

Next, the figure quality of Figure 6 to 10 is extremely poor and can't see the marking/units on either axes.

We think that the problem resulted from squeezing the figures into the online page layout of the ESSD format (note that you can see the figures in full resolution if you magnify the pages in your pdf viewer). For the final revised paper, we will make full use of the A4 page layout which will increase the size of all marking/units to publication quality.

It is unfortunate to see only parts of the study presented here.

We agree. The RHAMBLE campaign contained several other measurements as well, and it would certainly be good if these were also presented in this journal. However, none of these additional measurements were made by our team. We can recommend this journal to the other groups but obviously, we cannot publish their data.

Interactive comment on Earth Syst. Sci. Data Discuss., 6, 367, 2013.