

Interactive comment on “An Overview of the Surface Ocean Aerosol Production (SOAP) campaign” by Cliff S. Law et al.

Anonymous Referee #3

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The manuscript involves an overview of the SOAP campaign which involves identifying relationships between biogeochemistry and marine boundary layer aerosol in the remote ocean. Several measurements were conducted in biologically productive waters east of New Zealand. The introduction of the manuscript is well written and provides a detailed background of previous work on the subject. The remainder of the manuscript thoroughly describes the measurements made throughout the campaign. While the manuscript is well written, only basic results comparing measurements to previous campaigns or models, are mentioned. It is mostly an overview of the measurements made and not the results or analysis. I realize the manuscript is an overview paper and the authors can not include all the results of other manuscripts that are in the works, but I was expecting a bit more analysis or at least some key findings followed by a

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citation to another SOAP manuscript where I can learn more. Based on the current manuscript, I do not know what manuscripts or analysis I should look forward to. Overall, I suggest accepting the manuscript after minor revisions. I encourage the authors to clearly identify some key findings.

minor comments: Pg. 11. I may have missed it, but were particles dried before they were measured?

line 390- is there analysis behind this or is this speculation based on the marine conditions?

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-535>, 2017.

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