

Interactive comment on “Iodine observed in new particle formation events in the Arctic atmosphere during ACCACIA” by J. D. Allan et al.

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We thank R. Saunders for pointing this work out. While we were aware of the potential for changes in iodine speciation associated with algal-aggregates, high levels of algal aggregate material comparable to those reported by Assmy et al., (2013) were not observed from the ship. We note that the observations of Assmy et al. (2013) and Boetius et al. (2013) were made further north and in denser ice coverage than our cruise ventured. Given that the iodine during the strongest events was probably produced upwind of the ship, the lack of aggregate material in the vicinity of the ship does not preclude these playing a role, so this has been added as a speculative possibility to the discussion alongside the other possible biogenic iodine sources.

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