

Interactive comment on “New particle formation events observed at the King Sejong Station, Antarctic Peninsula – Part 2: Link with the oceanic biological activities” by Eunho Jang et al.

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This paper represents some interesting observations on what is clearly an important atmospheric phenomenon. However, I feel I should comment on the authors' working hypothesis, which is that DMS emissions are responsible for the new particle formation (NPF) observed. While this is undoubtedly a major source of particulates in the marine environment, there has recently been an amount of evidence in support of iodine compounds also being responsible for NPF in Arctic and Antarctic regions (see references below). It would be highly informative to gain the authors' view of this, specifically whether abiotic or biotic iodine releases from the ice or ocean could also

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be contributing to the correlation noted here.

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