

# ***Interactive comment on “Optical properties of laboratory grown sea ice doped with light absorbing impurities (black carbon)” by Amelia A. Marks et al.***

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A (likely) correction to the Abstract: "Particulate black carbon at mass ratios of 75, 150 and 300 ng/g in a 5 cm ice layer lowers the albedo by 97 %, 90 %, and 79 % compared to clean ice at a wavelength of 500 nm." I believe that the authors mean that it "lowers the albedo to (i.e. not "by") 97%, 90% and 79%" – or some other wording adjustment is needed. Lowering it \*by\* 97% would make for some very black ice indeed!

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Interactive comment on The Cryosphere Discuss., https://doi.org/10.5194/tc-2017-76, 2017.

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Discussion paper

