

Interactive comment on “Optimal site selection for a high resolution ice core record in East Antarctica” by T. Vance et al.

Anonymous Referee #2

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This paper carefully goes through the different aspects to consider when planning to drill an ice core. As far as I know no such systematic study, including a literature review, has been done before so this is a very useful and valuable paper! In addition to presenting a systematic method for selection of new ice core sites the paper is really well-written and has a good structure! I suggest to accept this with only some very minor editorial changes.

Minor comments p. 5080 line 1. “a strong teleconnection...” should have capital “A” p.5083. line 11. Please spell out “SH”- or introduce this abbreviation when the concept “Southern Hemisphere” is used for the first time in the text. p.5090. line 1. “GPH” is not explained as far as I can see. p. 5096, line 4. The abbreviation SAM for “Southern Annual mode “ is used here for the first time it but should have been introduced when

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the concept “Southern Annual mode” is mentioned the first time in the paper

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