**Geoscientific
Instrumentation
Methods and
Data Systems**

Discussions

Interactive comment on "Martian atmospheric model with a high-fidelity subsurface thermal scheme" *by* M. D. Paton and A.-M. Harri

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Most of the modifications suggested in my first review of the submitted manuscript have been implemented satisfactorily. The following points of my "minor corrections" list wer obviously overseen and not implemented(note: page/line mumbers refer to the original manuscript, not to the published discussion paper!): 1/24: 2/28: 3/13; 7/59/13; please correct as appropriate.

Otherwise I found only a few minor errors in the published discussion paper:

p. 741, line 10: the parameter "h" (which I guess represents the heat transfer coefficient) is not defined.

p. 746, formula 10: since "I" has been defined as the thermal inertia before, better

use a different symbol (e.g. "D_skin") for the skin depth, to avoid double meaning of symbols. Make sure that the symbol is corrested everywhere in the paper where it occurs.

After these corrections have been implemented from my view the paper can be accepted as a regular paper for GI.