

Interactive comment on “Building a Raspberry Pi School Magnetometer Network in the UK” by Ciarán D. Beggan and Steve R. Marple

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I enjoyed reading the paper and feel it is important to share the use of low cost instruments such as the Raspberry Pi with students and researchers globally. Perhaps science centres and museums would also be willing to host a few of these instruments. The science presented in this paper is sound, well-structured, and acceptable for publication after minor revisions. It may be good to indicate the rough cost of building one of these magnetometers.

Below are a few minor comments on the text:

page 2 line 29 - seasonal* dependence or seasonally dependent*

Page 3 line 12 - The geomagnetic field can be measured with an instrument generically

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(I would delete "generically" as it is not really necessary) known as a magnetometer. There are several types of instruments that can be used to* make a measurement...

page 3 line 33 - causing large electrical currents to flow. Flow where?

Page 5 line 7 – the brackets need to be closed (H...

Page 7 line 28 – use a dash between the time for consistency

Page 8 line 19 - there* is no ... I think you mean there not here.

Spell out all acronyms such as GDASI

Where possible try not to end sentences with prepositions such as 'to' or 'in' etc.

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