

Hist. Geo Space. Sci. Discuss., referee comment RC1
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Comment on hgss-2022-14

Anonymous Referee #1

Referee comment on "History of the Potsdam, Seddin and Niemegek geomagnetic observatories – Part 1: Potsdam" by Hans-Joachim Linthe, Hist. Geo Space. Sci. Discuss., <https://doi.org/10.5194/hgss-2022-14-RC1>, 2022

The scientific and historical approach is valid. The historical measurement series are among the oldest systematic observations of the geomagnetic field which provide relevant information regarding its long-term evolution.

The paper presents a lot of old documents, sketches, not adequately inventoried until now. This should be a considerable benefit in rescuing the history of Potsdam Observatory before these facts may be lost.

A lot of geoscientists involved in running the observatory, especially Adolf Schmidt, were pioneering scientists in geomagnetism and their work is of great importance today.

Bottom of the line, the theme of the manuscript is valuable, relevant and of interest to the geomagnetic community. It is correctly structured and written, without repetition of ideas or lack of elements.

Some of the minor technical corrections I propose are in the captions of the figures:

Page 11, Fig. 1. ...Hellmann, 1912 .remove **Fig. 19**

Page 11, Fig. 2.Hellmann, 1912 remove **Fig. 20**

Page 12, Fig. 3.Hellmann, 1912 remove **Fig. 23**

Page 13, Fig. 5.Left: remove the **second** : and Hellmann, 1912 remove **Fig. 25**

Page 13, Fig. 6.Hellmann, 1912 remove **Fig. 21**

Page 14, Fig. 7.Hellmann, 1912 remove **Fig. 22**

Page 14, Fig. 8.Bock, 1928 remove **Fig. 1**

Please also note the supplement to this comment:

<https://hgss.copernicus.org/preprints/hgss-2022-14/hgss-2022-14-RC1-supplement.pdf>