

Hist. Geo Space. Sci. Discuss., referee comment RC2  
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## **Comment on hgss-2022-14**

Anonymous Referee #2

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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-RC2>, 2023

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### **General comments**

This was nice to read this manuscript. The paper is well written and easy to follow. The article is really interesting, especially for people having something to do with observations of earth's magnetic field.

This paper presents a history of geomagnetic observations in Potsdam which are currently continued by Niemegek Observatory. However, in the introduction, we can find some interesting information about earlier observations in Berlin, which are conducted in the frame of the Göttingen Magnetic Union.

Most valuable in the paper is describing problems and difficulties experienced by people engaged in establishing observatory and good-quality observations. This makes us realize that it is not easy, even if are involved in working with such brilliant people, as described in this article.

Also valuable is that the article familiarizes readers with an affiliation and directors of the Potsdam Observatory, as well as instruments makers. Archival figures is also strong point of the publication.

To conclude, I can say that the author has done a good job, reached many archival materials, and arranged them into a logical and ordered whole.

## **Specific comments**

Page 4, line 18  
oscillation boxes

It would be good to add some reference concerning

I would recommend to add DOI's in Reference section where it is possible, eg.

Page 9, line 2-4

<https://doi.org/10.1029/97JB01423>

Page 10, line 13-14

<https://doi.org/10.1556/AGeod.37.2002.4.8>

Page 10, line 15-16

<https://doi.org/10.1029/2000RG000097>

## **Technical corrections**

Page 7, line 17

should be Potsdam

Page 1, lines 23,24,25,27

I would suggest uniformly Gauss or Gauß