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12, C1404-C1405, 2016

Interactive Comment

Interactive comment on "Jason continuity of services: continuing the Jason altimeter data records as Copernicus Sentinel-6" by R. Scharroo et al.

R. Scharroo et al.

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Dear Referee #2,

Thank you for you comments to our article. We are glad that you deem this article "a good basis for future publications on Sentinel 6", as that was our intent.

As for your suggested changes, we have the following responses:

Ad p 2932. Indeed this typo escaped us in the proof reading. Thank you for spotting it.

Ad p 2935. In the final version we add the following references: "(e.g. Raney, 1998; Gommenginger et al., 2012; Halimi et al., 2014)", and included them in the reference

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list at the end of the article:

- Gommenginger, C. P., Martin-Puig, C., Dinardo, S., Cotton, P. D., and Benveniste,
 J.: Improved altimetric performance of CryoSat-2 SAR mode over the open ocean
 and the coastal zone, Presented at the European Geosciences Union General
 Assembly, Vienna, Austria, 22–27 April 2012, 2012.
- Halimi, A. and Mailhes, C., Tourneret, J.-Y., Thibaut, P., and Boy, F.: A semi-analytical model for delay/Doppler altimetry and its estimation algorithm, IEEE Trans. Geosci. Rem. Sens., 52, 4248–4258, doi:10.1109/TGRS.2013.2280595, 2014.
- Raney, R. K.: The delay/Doppler radar altimeter, IEEE Trans. Geosci. Rem. Sens., 36, 1578–1588, doi:10.1109/36.718861, 1998.

Ad p 2937. This was originally not done to avoid putting parentheses inside a parenthesised subsentence. By removing the parentheses around the subsentence in line 20, we could accommodate your suggestion.

Ad p 2939. This was, in fact, changed by the copy editor from "3 hours" to "3 h". We agree with the Referee that for clarity "3 hours" is more appropriate, and have changed the text accordingly. Same for "36 hours".

Regards,

Remko Scharroo (on behalf of all authors)

Interactive comment on Ocean Sci. Discuss., 12, 2931, 2015.

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