

***Interactive comment on “Close range photogrammetric methods applied to the study of the fronts of Johnsons and Hurd Glaciers (Livingston Island, Antarctica) from 1957 to 2013” by Ricardo Rodríguez et al.***

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See attachment for new paper with corrections. Thanks for all.

P1 l.15-20 We re-wrote this part. P1 l.20-23: It can be indicated. P1 l.23-25: We have changed the title. P1 l.28-35: We re-wrote this part. P2 l.1-2: It has been corrected. P2 Fig. 1: The names have been changed. The base map is an Spanish map so it is impossible to change. P2 l.11-26 We re-wrote this part. Fig. 2: It has been eliminated. P3-P4 We re-wrote this part. P4 Fig. 3: The figure has been done again. P5 Fig. 4: This figure is clearest now. P5 l.18-20 This accuracy has been introduced. P6 l.9: It

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has been changed. P6 l.10-22: We re-wrote this section. P6 l.19-24: Thanks. P6 l.36: We re-wrote this section and we gave an explanation for this. P7 l.1: We re-wrote this section. There are different ways to calibrate the camera and we have selected this one. The accuracy and the results are enough. P7 l.8-13: It has been included. P8 l.5-6: We re-wrote this section. P8 Fig. 6: A new figure has been included. P8 Fig. 7: It is an own software. We explain it. P9 Fig. 8: A new figure has been included. P9 l.4: We have included an explanation. Landsat images and other ones have a GSD greater than 10 m so we cannot use them. P9 l.10: An explanation has been included in the paper. P9 l.20-21: We re-wrote this part. P12 l.3-9: We have included a new picture (January 1957). If it is not enough, we can change the line using this picture. P12 Fig. 9: We have included more images (1990 Sally Rocks and Johnsons) P12, l.14-17 and P13 Fig. 10: In next corrections, we can explain some of this questions. Our principal objective is to upload an inventory of data from 1957 to 2013. P15, l.2-24: After corrections, we can re-write conclusions with analysis.

Thanks for all. We have done a hard work to get all this information and it is very important to get enough quality. Thanks for your corrections.

Please also note the supplement to this comment:

<http://www.earth-syst-sci-data-discuss.net/essd-2016-6/essd-2016-6-AC1-supplement.pdf>

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