

Interactive comment on “First ice thickness measurements in Tierra del Fuego at Glacier Schiaparelli, Chile” by Guisella Gacitúa et al.

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This is a concise manuscript reporting the first ice thickness measurement in one of the least known glaciated regions. It articulates the measurements and results well. I suggest following to increase clarity of the manuscript: 1. Legend in Fig. 2 says “depth (m a.s.l.)”, which is confusing. I assume that it is “bed elevation (m a.s.l.)”. 2. Figure 3 can be scaled for the horizontal distance.

Separately, the meta data at Pangaea needs a few more clarifications. 1. elevation (column 6), is this ice surface or bed surface? Clarify. 2. Latitude/longitude (columns 8 and 9), is this decimal degree? Clarify.

Similar measurements over the rest of the glacier using airplane and bathymetry mea-

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surements in the proglacial lake are very useful and the former is mentioned by the authors. I hope such expanded work will be done in the near future to have a better understanding of this remote region in Southern America.

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