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Dr. Joerg Heber
Editor-in-Chief
PLoS ONE

Dear Dr. Heber,

We are pleased to re-submit our manuscript, entitled "Aerial-trained deep learning networks for surveying cetaceans from satellite imagery," with comments and revisions as suggested by the Reviewers. We are grateful for their comments and believe this manuscript has been much improved. As suggested by multiple Reviewers, we have included the results of several parallel model architectures which we believe greatly adds to the utility of this work. We have also included many clarifying details that we hope will make what can be a complicated topic for non-computer scientists intelligible to readers across disciplines.

The manuscript is now 24 pages in length, with 4069 words of body text, 173 words of abstract, and includes 3 tables, 5 figures, and 53 cited references. We believe that we have corrected any formatting errors that may exist. We have include in a document (and in the "Respond to Reviewers" section) our responses to comments made by the Reviewers. We have submitted our figures to PACE and have uploaded the versions we have downloaded from PACE. All authors have approved this revised manuscript.

In response to the comment about competing interests, we include the following statement, as requested:

This does not alter our adherence to PLOS ONE policies on sharing data and materials.

Sincerely,

Alex Borowicz (for all authors)