Dear Fanie,

STATEMENT OF CONTRIBUTION

Please find along with this letter a new manuscript titled ‘Development of a map-matching algorithm for dynamic-sampling-rate GPS signals to determine vehicle routes on a MATSim network’, by my co-author, Mr Jaco-Ben Vosloo, and myself, Prof Johan W. Joubert (corresponding author: johan.joubert@up.ac.za), to be considered for publication in ORION. The manuscript has not been submitted elsewhere and is based on new work. More specifically, based on the Masters dissertation of the first author. This version has been approved by both authors for submission. All figures were produced by ourselves, from own analysis, and appropriate reference is made to all authors whose related work influenced this paper.

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The contribution is significant in that it takes a step towards making ubiquitous, low-frequency geospatial positioning system (GPS) data more useful by a) matching it to the road space; and b) estimating the original travel speed.

We hope you will consider this submission favourably, and thank you in advance for the effort in reviewing the manuscript.

[Signature]

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