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Interactive comment on "Mercury's Sodium Exosphere: An *ab initio* Calculation to Interpret MASCS/UVVS Observations from MESSENGER" *by* Diana Gamborino et al.

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We corrected the value of the TAA in the new manuscript. We originally calculated a TAA of 158° for the radial orbital distance of 0.458 AU (day of observation: 23.04.2012). However, after using the JPL's HORIZONS Ephemeris Tool we found that the TAA is actually equal to 202°. Nevertheless, both angles correspond to the same radial orbital distance and have the same radiation pressure acceleration, thus our results do not change. The new manuscript with the TAA correction and the highlighted corrections from reviewers is enclosed as a supplement in this comment.

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Discussion paper

Please also note the supplement to this comment:
https://www.ann-geophys-discuss.net/angeo-2018-109/angeo-2018-109-AC3-supplement.pdf

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