

Interactive  
Comment

# ***Interactive comment on “MISR calibration issues in high-contrast scenes, and empirical corrections” by J. A. Limbacher and R. A. Kahn***

**Anonymous Referee #1**

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Review of “MISR calibration issues in high-contrast scenes, and empirical corrections, submitted for possible publication to Atmos. Meas. Tech., by J. A. Limbacher and R. A. Kahn.

This paper uses coincident MODIS and MISR observations to convincingly demonstrate some stray light issues with the Nadir camera of the latter. An empirical correction is applied which solves most of the issue. The same correction is applied to all 9 MISR cameras, which leads to slightly better aerosol retrievals as demonstrated through a comparison against sunphotometer measurements. This paper is extremely clear. The demonstration flows logically and the figures are of high quality. My only significant comment concerns the title. In my opinion, what the authors show is more a straylight issue than a calibration issue. I urge them to consider changing the title to

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make it clear what the analysis is about.

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Interactive comment on Atmos. Meas. Tech. Discuss., 8, 2521, 2015.

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