

## ***Interactive comment on “A sea surface reflectance model for (A)ATSR, and application to aerosol retrievals” by A. M. Sayer et al.***

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Received and published: 26 May 2010

The authors thank the three anonymous reviewers for their comments on the manuscript. Our response to this review is given below.

Review 3.

“The improved ocean reflection model is for a large part a collection of existing models for different contributions to ocean reflection. These existing models are well described in the scientific literature and can be reproduced based on the original publications. Therefore, I think the part of the paper describing the ocean reflection model should be

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reduced substantially.”

We agree that some of the detail was not necessary and so the algorithm section has been condensed in the revised manuscript (both the glint and underlight sections). However we think it is important that the model is presented in full, so have retained the key equations for completeness.

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Interactive comment on Atmos. Meas. Tech. Discuss., 3, 1023, 2010.

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