*Interactive comment on* "Replacing Missing Values in the Standard MISR Radiometric Camera-by-Camera Cloud Mask (RCCM) Data Product" *by* Michel M. Verstraete et al.

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Dear Birgit,

Thanks for your inputs on this manuscript.

The comments of the Reviewers have been taken into account as follows:

1. The question raised by Catherine Moroney (SC1) during the public discussion period was answered directly on the ESSD web site (AC1).

2. The comments made by the first Reviewer (RC1) were addressed in our formal responses also already available from the ESSD web site (AC2 and AC3).

3. Your remarks (EC1) have been taken into account by generating the following additional resources:

- A stand-alone, self-contained, executable version of the software to process MISR RCCM data and replace missing values, using the IDL Virtual Machine technology.

- A User Manual (in PDF format) explaining how to acquire, install and use this software package on a PC running under Microsoft Windows operating system.

- A ZIP archive of MISR L1B2 GRP and RCCM files for Path 168 and Orbit 68050 to serve as an example of input data: this allows users to explore how this software works on actual data, without having to acquire data from the NASA ASDC.

- A ZIP archive containing all intermediary, final and ancillary results obtained while generating the Figures of this manuscript has been assembled to document every step taken in this process.

- A User Manual (in PDF format) to explain how to acquire, install and use this second archive.

These five resources are available on the Research Data Repository of GFZ Data Services. We are currently waiting for the assignment of their final DOIs to synchronize the cross-references and update the PDF documents.

The diagram attached to this message shows how these various files and resources interact and complement each other: Reddish boxes refer to input data, the green box represents the software package, bluish boxes stand for the outputs generated by the software, and yellow boxes contain documents in PDF format. Except for the ESSD manuscript (available from this web site), and the 'Custom' input and output files, which will depend on the individual needs of each user, the other 5 files are available through the GFZ Data Services (pending DOI assignments).

Last but not least, the most current version of the manuscript will be provided as soon as we know the final DOIs assigned to each and every resource, so that all cross-

references can be synchronized.

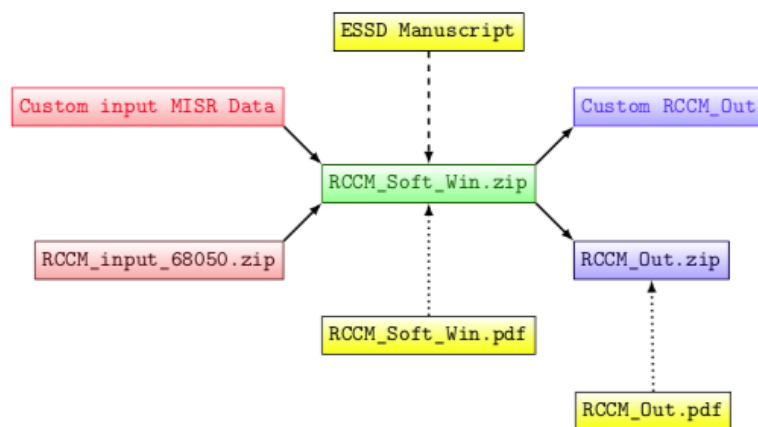Best regards, Michel Verstraete on behalf of all co-authors.

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**Fig. 1.** Logical relations between the various files and resources generated to address the Editor comments.

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