



Minutes of the 3rd German SCIAMACHY validation team (GSVT) meeting

Date: 7th and 8th July

Location: Institute of Environmental Physics, University Bremen

Agenda items of the 3rd German Validation Team Meeting

- ?? Opening of the meeting by John Burrows
- ?? Status of the SCIAMACHY instrument (Stefan Noel)
- ?? Presentation of the Master Plan (Matthias Alpers)
- ?? Information for the validation teams (Klaus Bramstedt)
 - ~~??~~ SCIAMACHY Data distribution and delivery to the validation community
 - ~~??~~ Validation Reference Set
 - ~~??~~ Scientific Products
 - ~~??~~ German Validation SCIAMACHY webpage
- ?? First Scientific Products from Nadir UV/VIS, Limb and Occultation Measurements (Andreas Richter, Thomas Wagner and Christian von Savigny)
- ?? Status of Scientific Nadir NIR products (Michael Buchwitz)
- ?? Overview about the German Validation Activities (Berit Kirchhoff)
- ?? Funding status (Achim Friker)
- ?? Information from ESA about SCIAMACHY data delivery and Workshop planning (Paul Snoeij)
- ?? Individual contributions of the validation groups

Summary

The German Validation Scientists showed very interesting and promising campaign and validation results. Each presentation will be available on the German SCIAMACHY Validation Team web-page: <http://www.iup.physik.uni-bremen.de/gcvos/>

- Master Plan

The validation community was informed about the Master Plan activities and the approximate time schedule for the delivery of the reprocessed SCIAMACHY data. In September the following products should be available:

~~✍~~ NADIR UV/VIS: O₃, NO₂, OCLO, BrO, H₂CO

~~✍~~ LIMB: O₃, NO₂, p

The national co-ordinators should inform the validation scientists, when a validation data set is ready for distribution according to the Master Plan.

- Information from ESA about Workshop planning and SCIAMACHY data delivery

Following information were presented:

1) SCIAMACHY data

~~✍~~ The main validation phase will end in 2003;

~~✍~~ The reprocessing of SCIAMACHY data (1500 states) will be finalized at September the 5th;

~~✍~~ The ESA processing facility in ESRIN will distribute the data via FTP server;

~~✍~~ The dataset is a subset of the validation reference dataset (3000 states).

2) Workshops

~~✍~~ The ACVE-2 workshop in Frascati is postponed from September/October 2003 to 18.-20. November 2003. The main focus will be the Delta validation and only results different from the last workshop in Frascati should be presented.

~~✍~~ Another ACVE workshop (ACVE-3) is planned for 1.-4. March 2004.

~~✍~~ Further on, it is planned to have an Envisat Symposium. Date and place of the symposium is not decided until now.

~~✍~~ It is under discussion to combine the ACVE-3 workshop and the Envisat symposium.

- **Funding situation in the future**

At the moment the funding situation after 2004 is not satisfying. Only money for one scientist is available, for collecting all validation results and combine them into a final report.

John Burrows annotated that definitively more money is needed for long term validation.

- **Publication and Newsletters**

1) Publications

It was suggested to publish scientific and validation results within the ACP (Atmospheric Chemistry and Physics) in two special issues. One issue will be the SCIAMACHY validation and the other one should be focussed on scientific topics. The national co-ordinators will collect ideas of scientific topics within the validation community. Drafts for scientific topics will be discussed during the next GSVT meeting.

2) PR Newsletter

To improve the public relation activities several individuals volunteered to help editing future newsletter:

- Berit Kirchhoff and Klaus Bramstedt about the 3rd GSVT meeting;
- Ulrich Platt and John Burrows about the Status of the German Sciamachy Validation
- Astrid Bracher about Satellite validation;
- Gerhard Ehret about further Falcon activities;
- Andreas Engel about TRIPLE;
- Hermann Oelhaf about MIPAS-B;
- Andreas Richter and Thomas Wagner about the DOAS-Network;
- Gerhard Hochschild about the installation of the Microwave and DOAS instruments in Merida,
- Thorsten Warnecke about the FTIR ground-based stations; and
- Ulrich Blum about the Lidar in Esrange.
- Achim Friker about the German SCIAMACHY Validation – from the view of the DLR

The national co-ordinators will set up a schedule for the delivery of new Newsletters.

- **Recommendations to the Agencies**

Validation scientists must be informed by ESA about new versions of operational products, including a list of changes, which were done in the different versions. A complete documentation of SCIAMACHY key data should be made available for Level-1 validation



scientists. Further on, the validation community would like to have a feedback from ESA about the weekly or monthly report, they have to send to the ESA subgroup-leaders.

- **Recommendations to the Validation community**

Paul Snoeij asked the German Validation Team to pass information about unusual results derived from their validation work to the ESA subgroup-leaders.

- **Any other business**

- ~~✍~~ The national co-ordinators will collect the individual presentations, which should be part of the German SCIAMACHY validation internet sites;
- ~~✍~~ A link to the scientific products will be soon available on the German SCIAMACHY web page;
- ~~✍~~ The next GSVT meeting should take place November the 3rd and 4th 2003 in Heidelberg;
- ~~✍~~ Highlights from the different presentations will be sent to the SCIAVALIG group, Anki Pieters, for the International Geoscience and Remote Sensing Symposium (IGARSS) in Toulouse, France;
- ~~✍~~ The validation community was asked for literature, concerning SCIAMACHY, to build up a literature list, which will be available on the German SCIAMACHY web page.

Berit Kirchhoff and Klaus Bramstedt



List of participants in alphabetical order:

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