

MIPAS QWG Telecon

19 July 2019

Summary + Action Items List

Level 2 data set version 8:

the Level 2 data set reprocessing is completed. The **total data set comprises 35506 Level 2 data products**, they are distributed in three different directories at the ftp server (due to the extra run and patch).

Level 2 version 8, Data comparison and Validation results:

- IFAC-CNR (Marco, Piera) presented first comparison results of the data set version 8 and DDS as well as version 7 (presentation is available at the MIPAS QWG ftp server).
- Initial Validation results were shown by BIRA (Daan Hubert) and KIT (Gerald Wetzel).

Gerald used the latest MIPAS L2 error analysis from Anu

(<http://eodg.atm.ox.ac.uk/user/dudhia/mipas/err/>) and found that there are large error bars e.g. for weak species.

Anu remarked that he is still working on the MIPAS error analysis and the values are likely still changing over the next weeks.

Action_01_Anu will inform the QWG, when a stable version of the error analysis is available by e-mail.

BIRA's validation work is performed on the simplified netCDF data set – not the extended data set. ESA confirms that both data sets will be made available to the public. A verification needs to be performed by IFAC that the content of the measurements data set is consistent between the two data sets.

Action_02_IFAC, BIRA and KIT will continue their analysis and validation over the next weeks.

It was agreed to organize a **teleconference between BIRA/IFAC/KIT and ESA prior to the final meeting (week starting 23 September for doodle poll**, by ESA), in order to align the conclusions of the findings. Any issues that will be found before shall be exchanged by e-mail immediately, in order to help the interpretation of the results.

Deliverables/documentation:

To close out the project, deliverables as defined in the contract need to be provided to ESA. These can be grouped into two parts:

- 1 – Level 2 product release related (e.g. ATBD, IODD, Product Readme File, ...)
- 2 – all other documentation – Technical notes, Product Handbook, Final report,

The first group shall have priority for readiness for the final meeting, the second group may be delivered also after the meeting.

A teleconference between IFAC and ESA will be organized to clarify any open points related to the documentation **during 29-31 July 2019**.

Final Meeting October 2019: start and stop:

We agreed to start the meeting on **Monday 28/10/2019 after lunch (13:30) and finish on Wednesday 30/10/2019 around 13:00**. The half day on Wednesday is considered mainly as technical working session related to the project documentation.

Bianca suggested to invite also ESA colleagues that were involved in the MIPAS mission at the early stage. No comments to the draft agenda already provided earlier.