

# SCIAMACHY Quality Working Group (SQWG3)

## Progress Meeting 4

Telecon

22 September 2015, 09:30 – 17:30

## Agenda V2

### 1 Project Status

#### 1.1 General/contractual issues (ESA/all)

15 min

- Key personnel
- CCN / extension of project to include verification/validation of reprocessed products

#### 1.2 Status reprocessing L1V8, L2V6 (ESA/DLR)

15 min

- Short status (focus L2)

### 2 Level 1 Results

*Notes:*

- *Only level 1 results foreseen for operational implementation*
- *Focus of presentations should be status and what is required/missing for operational implementation (probably to be discussed with DLR-IMF)*

#### 2.1 WP2160: Individual pixel characterization for DBPM characterization (SRON/ DLR-IMF)

15 min

- Quality of new DBPM / consistent use in processing
- Open: Final delivery

#### 2.2 WP2220: Investigate/improve dark correction (SRON/DLR-IMF)

15 min

- Open: Use SDMF V3.0 or V3.2

#### 2.3 WP2240: Investigate/improve spectral calibration ch 6+ (DLR-IMF)

15 min

- Status?

#### 2.4 WP2250: Investigate/improve spectral calibration ch 8 (SRON/ DLR-IMF)

5 min

- Parameters and documentation delivered.

**2.5 WP2270: Investigate/improve pointing  
(IUP/DLR-IMF)**

**5 min**

- Open: Final delivery of mispointing parameters, documentation

**2.6 WP2120: Investigate/improve ESM diffuser solar reference spectra  
(SRON/DLR-IMF)**

**15 min**

- To be covered by delivery of new keydata/mirror model
- Open: Final delivery, documentation

**2.7 WP2140: Investigate/improve degradation correction  
(SRON/IUP/DLR-IMF)**

**15 min**

- To be covered by delivery of new keydata/mirror model/m-factors
- Open: Final delivery, documentation

**2.8 WP2150: Investigate/improve polarisation key data  
(SRON/IUP/DLR-IMF)**

**15 min**

- To be covered by delivery of new keydata/mirror model
- Open: Final delivery, documentation

**2.9 WP2260: Investigate/improve polarisation determination and correction  
(IUP/DLR-IMF)**

**30 min**

- What will be delivered to DLR by IUP and what needs to be done by DLR?
- Open: decide on implementation of new limb UV algorithm; delivery of documentation and required data bases

**\*\*\* LUNCH BREAK \*\*\***

### **3 Level 2 Results**

*Notes:*

- *Only level 2 results foreseen for operational implementation*
- *Focus of presentations should be status and what is required/missing for operational implementation*
- *Status of scientific products to be discussed during MTR*

**3.1 WP3140: Limb cloud flagging  
(IUP/DLR-IMF)**

**30 min**

- New concept summary
- Open: delivery of documentation and required data bases

**3.2 WP3240: Tropospheric BrO  
(BIRA/DLR-IMF)**

**5 min**

- All required inputs delivered to DLR
- Open: details of implementation

## **4 General**

### **4.1 Status of Als (IUP)**

**15 min**

### **4.2 Schedule / Work Plan (all)**

**30 min**

- Potential changes of work plan / delivery dates for inputs to operational processing

### **4.3 Preparation of MTR (24-25 Nov 2015 ESRIN) (all)**

**45 min**

- Detailed schedule
- Participants
- Setup/discussion of draft agenda (IUP will prepare proposal)

### **4.4 Validation results L2V6 (BIRA)**

**15 min**

### **4.5 AOB**