

# SCIAMACHY Quality Working Group (SQWG-3)

## Progress Meeting 7

IUP Bremen, Room U1050

21 September 2016 14:00 – 18:00

22 September 2016 09:00 – 13:00

## Agenda

### 1 Project Status

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

10 min

- Status of CCN1 / extension of project to include verification/validation activities

### 2 Status L2V6 data set

#### 2.1 L2V6 data set overview (ESA)

10 min

#### 2.2 Validation results L2V6 (BIRA)

25 min

#### 2.3 SCILOV results (IUP)

15 min

### 3 Recent findings

(Esp. mention impacts on operational implementation/verification; required decisions etc.)

#### 3.1 Degradation correction (SRON/IUP)

20 min

#### 3.2 Polarisation (IUP/SRON)

20 min

### 4 Status operational products / baseline L1V9, L2V7 (DLR-IMF)

60 min

(especially mention open issues / required inputs, also for verification)

closed WPs are not included

#### 4.1 Level 1

- WP2120: Investigate/improve ESM diffuser solar reference spectra
- WP2140: Investigate/improve degradation correction
- WP2150: Investigate/improve polarisation key data
- WP2210: Investigate/improve and consolidate L1 errors
- WP2220: Investigate/improve dark correction
- WP2240: Investigate/improve spectral calibration ch 6+
- WP2260: Investigate/improve polarisation determination and correction

## **4.2 Level 2**

- WP3110: Documentation and improvement of error calculation
- WP3240: Tropospheric BrO

## **4.3 New product format**

- Include summary of feedback received to NetCDF format (L1 & L2) and discussion of next steps

# **5 Phase 2 Activities**

(General focus: Required inputs / schedule / distribution of tasks)

**5.1 WP1300: SCIAMACHY Product Handbook maintenance (IUP)** **10 min**

**5.2 WP2230: Test degradation correction (SRON/KNMI)** **5 min**

**5.3 WP3260: Link SCIAMACHY time series to follow-on sensors (IUP)** **10 min**

- Discuss draft document (to be distributed before meeting)

**5.4 WP4400: Review of documentation (IUP)** **5 min**

**5.5 WP4600: Summary of L1 and L2 baseline status (DLR-IMF)** **10 min**

- Discuss draft document (to be distributed before meeting)

# **6 Scientific Products (IUP)**

(Focus on status and schedule)

**6.1 Nadir IO** **10 min**

**6.2 Tropospheric O3 from Limb-Nadir matching** **10 min**

**6.3 Limb aerosols** **10 min**

**6.4 Limb water vapour** **10 min**

**6.5 Limb clouds** **10 min**

**6.6 Limb ozone (new IUP product version)** **10 min**

# **7 General**

**7.1 Status AIs (IUP)** **10 min**

**7.2 Schedule / Work plan (all)** **30 min**

**7.3 Date/place of next meeting(s) (all)** **15 min**

- Verification Telecon November 2016
- Final Presentation 2017

**8 AOB** **10 min**