

# SCIAMACHY Quality Working Group (SQWG-3)

## Mid Term Review (MTR)

ESRIN

*Date TBD*

## Draft Agenda

### 1 Welcome/introduction (ESA)

### 2 Project Overview (IUP)

- Summary of tasks / WPs; especially mention all ‘general’ WPs not covered below and work for ‘old’ baseline
- Status Phase 1 incl. WPs not recommended for implementation:

WP2130: Time dependent spectral slit function ch 8 (SRON)

WP2180: Investigate/improve absolute radiometric calibration of ASM diffuser (IUP)

- Planned work for phase 2

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

- Possibly include validation results here

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

Suggestion: Summary presentations by DLR – supported by SQWG input; alternatively, individual presentations

Lists of course depend on what will be implemented

#### 4.1 Implemented L1 improvements

- WP2160: Individual pixel characterization for DBPM characterization (SRON)
- WP2220: Investigate/improve dark correction (SRON)
- WP2240: Investigate/improve spectral calibration ch 6+ (DLR-IMF)
- WP2250: Investigate/improve spectral calibration ch 8 (SRON)
- WP2270: Investigate/improve pointing (IUP)
- WP2120: Investigate/improve ESM diffuser solar reference spectra (SRON)
- WP2140: Investigate/improve degradation correction (SRON/IUP)
- WP2150: Investigate/improve polarisation key data (SRON/IUP)
- WP2260: Investigate/improve polarisation determination and correction (IUP)

#### 4.2 Implemented L2 improvements

- WP3140: Limb cloud flagging (IUP)
- WP3240: Tropospheric BrO (BIRA)

#### **4.3 First verification results**

- If available

#### **4.4 New product format (DLR-IMF)**

#### **4.5 Open issues**

- What is not yet implemented?
- Suggestions for further activities

### **5 Status scientific products (IUP)**

Suggestion: Summary presentation by IUP;  
alternatively, individual presentations

WP3250: Nadir IO (IUP)

WP3220: Tropospheric O<sub>3</sub> from Limb-Nadir matching (IUP)

WP3120: Limb aerosols (IUP)

WP3230: Feasibility study of Limb water vapour product (IUP)

### **6 Schedule / Work plan for Phase 2**

- Current limitations due to e.g. national funding
- Resulting adaptation of schedule

### **7 Status Als**

### **8 Date/place of next meeting**