**Minutes PROBA2 Science Working Team**

*ROB Meridian Room: 20130624 11:00- 15:00*

*Notes taken by D. Berghmans*

**Attendance:**

* ESA: Joe Zender
* ROB: SWAP and LYRA PI-team, other scientists
* BIRA: Erwin Dedonder
* KU Leuven: Katrien Bonte, Stefaan Poedts, Francesco Zuccarello
* PROBA2 Guest Investigators: Andrew Inglis, Nandita Srivastava

1. SWAP status

* See attached presentation Dan Seaton
* SWAP performance is nominal, if there is any degradation at all, it is <<5%.
* The number of individual bad pixels is slowly rising and should be monitored
* A reprocessing of the SWAP data might be needed on the mid-term for an update of the calibration files, adding new metadata and production of JPEG2000.

2. LYRA status

* See attached presentation Ingolf Dammasch
* LYRA unit 2 and unit 3 have degraded significantly but flare channels remain fully operational
* A candidate contaminant for the degradation has been identified, further work is needed to come to definitive conclusions.
* LYRA unit 1 remains pristine and can still be used for both campaigns or as calibration references. Operations TBD.

3. P2SC status

* See attached presentation Koen Stegen
* LYRA annotation file finished. This will ease not only LYRA data analysis but also SWAP data analysis
* All P2SC software is nominal. Koen provides an overview of strong/weak points.
* Reprocessing past data is considerable work, to be decided with caution
* Year 2015 is hard-coded in isolated software: TBD

4. Guest investigators

* See attached presentation Matt West
* In general positive feedback from guest investigators
* Matt has made a “Welcome book”
* New GI-call will be for 6 GIs. Call will open in comings days and nominally close mid-August with an option to extend the call till mid September if we do not have enough submissions.

4. Mission extension

* Joe Zender clarifies that the ESA D/SRE support for science operations (SOC) is foreseen up till 2016 pending successfully passing a review mid 2014

5. Ideas for stimulating science publications

* See attached presentation David Berghmans

**ACTION ITEMS:**

1. Koen and other to come up with a more generic, catchy name for LYTAF.
2. Matt to distribute the “Welcome book” for internal review.
3. Matt/Dan/Marie/David to release GI call asap. To identify referees that are available second half august.
4. Dan/Laurel to organize Workshop/Topical Issue on outer corona (white light to EUV)
5. Matt to direct the ESWW10 SWT towards Operational Space Weather services.
6. Marie/David to look into the option in joining our EUV occultation efforts in a bigger meeting or network.
7. Matt/Dan/Marie/David to put the forgotten topics on the proba2 website as inspiration for others.
8. Laurel to look into how we can link up with modellers. Big structures of SWAP are good for PFSS comparison