# (2020-11-05) RCS telecon #25

#### Goals

ROC RCS telecon

#### Date

05 nov. 2020 at 2pm

#### Attendees

- Xavier Bonnin
- Jean-Yves Brochot
- Thomas Chust
- Erik Johansson
- Bruno Katra
- Matthieu Kretzchmar
- Rodrigue Piberne
- Quynh Nhu Nguyen
- David Pisa
- Jan Soucek
- Antonio Vecchio

## Agenda

- 1. RPW data processing Status overview
- 2. On-going & future developments
- 3. Documentation
- 4. Planning
- 5. Next RCS telecon
- 6. AOB

#### Discussion items

Item	Notes	Action-items
1.	<ul> <li>L0/L1/HK data production         <ul> <li>Nominal in overall (triggered every day at 4am)</li> <li>SBM L1 CDF production not started yet (still bug with LFR BP1/BP2 to be fixed)</li> <li>Works in progress to fix minor bugs, update continuous integration (unit test coverage) and improve processing time performance (should be transparent to RCS and data users)</li> </ul> </li> <li>L2 data production         <ul> <li>RCS_Status_20201105.pdf</li> <li>About master CDF handling:</li></ul></li></ul>	

2.	CDF compliance versus SPDF-ISTP standards:	Xavier to modify CDF skeleton on
	<ul> <li>CDF_Check_SolarOrbiter_RPW_Science.txt</li> <li>For TNR L2 CDF: CDF_check_solo_l2_rpw-tnr-surv.txt</li> <li>Check performed with SKTeditor: https://spdf.gsfc.nasa.gov/skteditor/ (installation in progress on roc2-dev server)</li> <li>ROC will fix L1 CDF skeletons to be as much as possible compliant with SPDF standards</li> <li>What about L2 (ROC with support from teams?) Done by Xavier with support of teams, except for TDS_CALBA (already started by David)</li> <li>Dedicated branch "spdf_compliance" will be used to updated skeletons</li> <li>New versions of skeletons will be released with changes</li> <li>L3 data workflow at LESIA</li> <li>Workflow: RCS_LESIA_ESAC</li> <li>LESIA SFTP server shall be used (same than for summary plots, but L3 files will be dropped in I3/ folder)</li> <li>L3 delivered to SOAR with latency? (After reception at LESIA)</li> <li>ROC can support teams to check L3 CDF skeletons</li> <li>As soon as a team feels ready to generate L3 product, please contact me, to define a roadmap</li> <li>Science quality</li> <li>QUALITY_BITMASK - implementation (still) in progress in L1</li> <li>QUALITY_FACTOR setting</li> <li>Summary plots</li> <li>Only Bias, LFR and some TNR-HFR products available</li> <li>TNR-HFR summary plot production implemented at LESIA (LFR in progress)</li> <li>SCM has sent IDL code to plot data. Action Xavier: Sonny to check and send feedback</li> <li>Adding HK CDF dataset for:</li> <li>LFR KCOEFF dump</li> <li>SBM1 HK</li> </ul>	"spdf_compliance" branch for ISTP compliance (except for TDS_CALBA)  David to modify TDS_CALBA CDF skeleton on "spdf_compliance" branch for ISTP compliance  Xavier to contact each team individually to take stock of the summary plots production at LESIA  Xavier to provide to LFR team piece of information about how HK CDF are generated in the ROC pipeline  LFR teams to provide skeletons for LFR Kcoeff dump  Xavier to upgrade RCS ICD with information about summary plots and L3 data workflow  Xavier to check with Sonny about IDL codes sent by SCM team to plot their data
3.	<ul> <li>DPDD         <ul> <li>Delivered to ESAC (see in https://issues.cosmos.esa.int/solarorbiterwiki/display /SOSP/Archive+Support+Data)</li> </ul> </li> <li>RCS ICD 1.4 released (See in ROC Documents)</li> <li>ROC Data Products (RDP) updated to 1.3 (See in ROC Documents)</li> <li>RCS-related documentation included in the ROC V5.1 (RSS5.1) datapack</li> </ul>	
4.		
5.		
6.		

### Action items

## Open issues

summary type created updated due assignee reporter priority status resolution



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#### **Closed issues**

key summary type created updated due assignee reporter priority status resolution



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## Attached items

• 200423\_ROC\_Telecon21\_NQN.pdf