

## Minutes of ROB telecon from November 13, 2019 10:00

Participants: Antonio, Diane, Xavier, Milan, Yuri, Eric, Erik, Milan, Matthieu, Thomas, Jan

### 1) News from project/SWT

- Everything seems on track, Spacecraft is in Florida.
- There us a risk of SO launch being delayed due to a possible delay of another launch from the same pad.
- Milan participated in the MAG team meeting. They are planning science exploitation of the first SOLO data. We should do the same.

### 2) In-situ instument data sharing policy discussion

Milan presented the RPW proposal for the ROR and the status of PI discussion. There is a general consensus about sharing data for calibration. For science exploitation of proprietary period data, there are still open points. The discussion needs to be done in ISWG, a telecon will be set up. Agreement needed before launch. Early data have a large potential, due to high datarate and SOLO-Earth conjunction.

### 3) Commissioning phase operations:

#### *In flight interference campaign (IW-6):*

It was agreed that other instruments than RPWI should run the same sequence as during the EMC tests at IABG. As an exception, SWA could use high voltage modes that are not tested on ground.

RPW will run in RPW-6 mode, not the mode used at IABG. Lead-CoIs are invited to check again the configuration. ROC to send again the document.

**Action:** Xavier to send a mail to Andrew Walsh, asking about the timeline of this test and data sharing.

#### *Inter-instrument communication test campaign:*

Activity lead by Isaias Carrasco-Blazquez from MAG team. 5 tests proposed to check inter-instrument configurations. RPW teams needs to check the timeline (looks generally OK).

**Action:** Xavier will prepare an answer.

A possibility to verify the response of RPW to Service 20 on a LESIA testbench was discussed. It could possibly be done on a software testbench, most likely not on EM1.

**Action:** Xavier to check with LESIA SW team.

### 4) SVT test results (and any new analysis of test results if anyone has any news on this)

TDS: Jan reported on analysis of TDS SVT1B data. The HK and data suggest that the absence of triggered snapshots was due to the commanding sequence and TDS configuration (threshold set too high). The data do not suggest an instrument issue.

THR: FFT issues were due to a mistake in calbar script. After correction, the FFT timeline is now correct.

SVT1A data now on rocdev, SVT1B will be there soon, but there is a timing issue.

5) AOB:

- Milan asked about comparing FFT/EMC data from different RPW subunits ? Some comparison was done between TDS/THR. LFR team working to compare waveform and spectral data.

- There was a discussion of a wider RPW team meeting or telecon to discuss a plan for initial science topics with RPW data. A limited meeting can be done at AGU. A telecon or a meeting probably in January. Milan will organize.

- ROC keypoint is planned for late December or January (more likely) in Paris. It would be good if representatives of teams involved in ROC attended in person. Science discussion can be attached to this meeting.

- Jan's proposal to make David Pisa a CoI was discussed.

6) Next ROB telecon: 17/12 10:00