

Minutes of the ROB telecon 24/4/2019

Participants: Jan, Antonio, Xavier, Diane, Eric, Yuri, Matthieu, Thomas, Lorenzo

1) SWT report (Jan)

- Report on operation matters (presentation from SWT circulated)
- SWT agreed the optimized cruise phase plan presented by Andrew in Kiruna
- Some “spare” TM will probably be available at the beginning of cruise (May June 2020)

2) Preparation of ground spacecraft EMC campaign

- The EMC tests will be run between 23-24 May 2019
- RPW will run continuously in a single configuration. CNES team will monitor the operation with EGSE, some real time visualization will be available. No configuration changes possible.
- The configuration previously agreed by email seems to be fine with everyone
 - NORMAL mode with maximum cadence of snapshots
 - No SBM1 is possible
- Data shall be provided by CNES to ROC
- Ideally, ROC will run the full pipeline (raw data → L2). Xavier is not sure whether the complete pipeline will be ready. If not, we will use the same approach as before (ROC generates L1, the teams run their software to produce L1R and L2).

3) High rate configurations

- More telemetry than the EID-A rate will be available at the start of cruise phase (until ~ June 10, 2020). This is before the first perihelion, at a heliocentric distance 0.6-0.5 AU.
- It was agreed that we should try to use this opportunity to get some extra RPW data
- The LTP01 (Long Term Planning period 01) should be fixed at the next SOWG in July, but we have some time.
 - We need to prepare 1-2 configurations to use during that time and have it ingested in SOOP kitchen.
- Action on Jan to contact Andrew Walsh (done). Andrew’s response:
 - For the first 2 weeks, we can ~ 5 x the EIDA rate.
 - Then for another two weeks, maybe 2 x EIDA
 - All is to be seen, depends greatly on the actual launch date.
 - Configurations should go to Andrew by early June.
 - It would be pragmatic to keep things simple (no SBM etc.).

3) Next telecon June 6, 14:00