

# COMMISSIONING LOG

March 4, 2020

## 1 CALIPSO 1 repetition

The technical notes:

PAS EGSE	192.168.0.101	anybody
PAS transfer mashine	192.168.0.17	fedorov
EGSE HK DATA dir	solar/EGSE/logbook, backup	
PAS transfer DATA dir	PAS/FLIGHT/COMMISSIONING/REPETITION/	

03 Mar 2020

The first step of the commissioning:

The procedure and the data of the first commissioning day:

Procedure	PAS_commissioning_procedure_V_2_1_15_Jan_2020.xlsx	
data dir	REPETITION/2020-03-03/2020-03-03_16.26.23_2020_03_03_FS_Commissioning	
HK origin	HK_20200303_162636.txt	/hk/
HK prepared	HK_20200303_162636_correct.txt	replace "." to "T"
Science Origin	SC_20200303_162624.txt	/science/
Total count IDL Script	SC_20200303_162624_TC.txt ReformScienceFile.pro	IDL script COMMISSIONING/

I have created in AMDA two data bases, see Figure 1

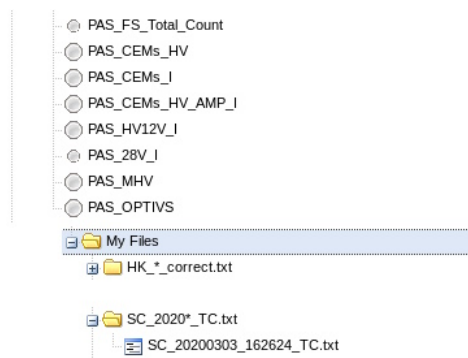


Figure 1: AMDA parameters and files for Commissioning rehearsal

The Engineering scheme is shown in Figure 2.

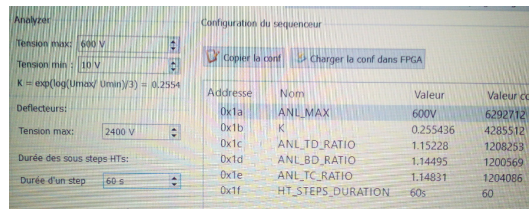


Figure 2: Commissioning constants for Engineering steps

The performance is shown in Figure 3 and Figure yyyy

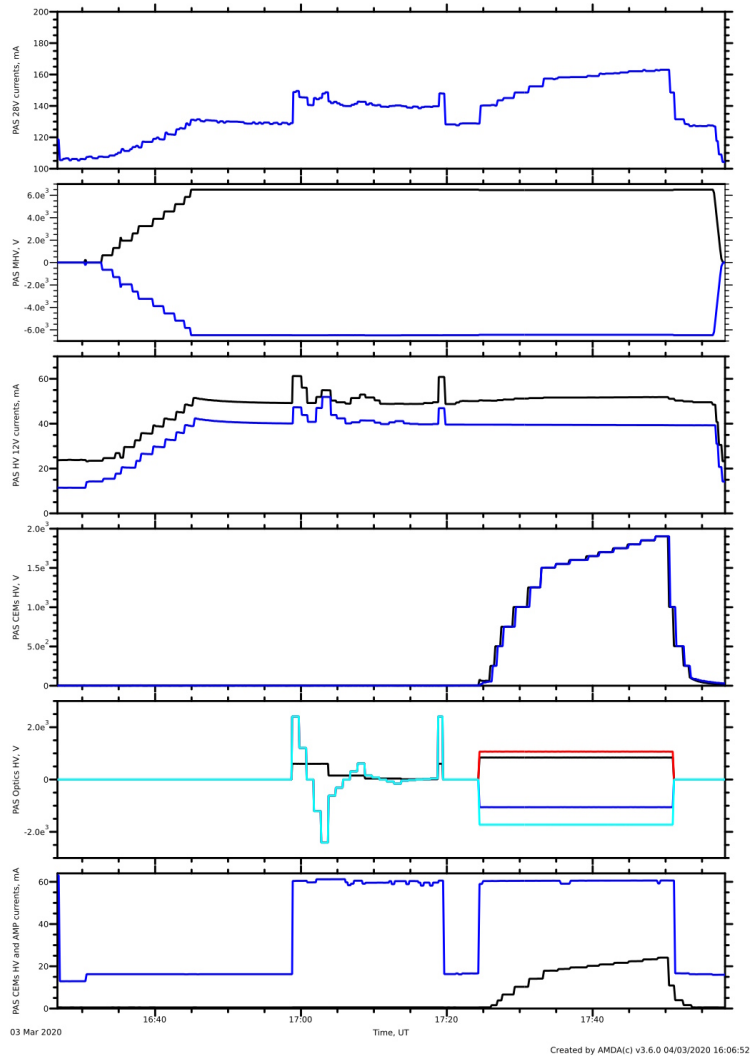


Figure 3: HK parameters during the Day1 of the commissioning rehearsal

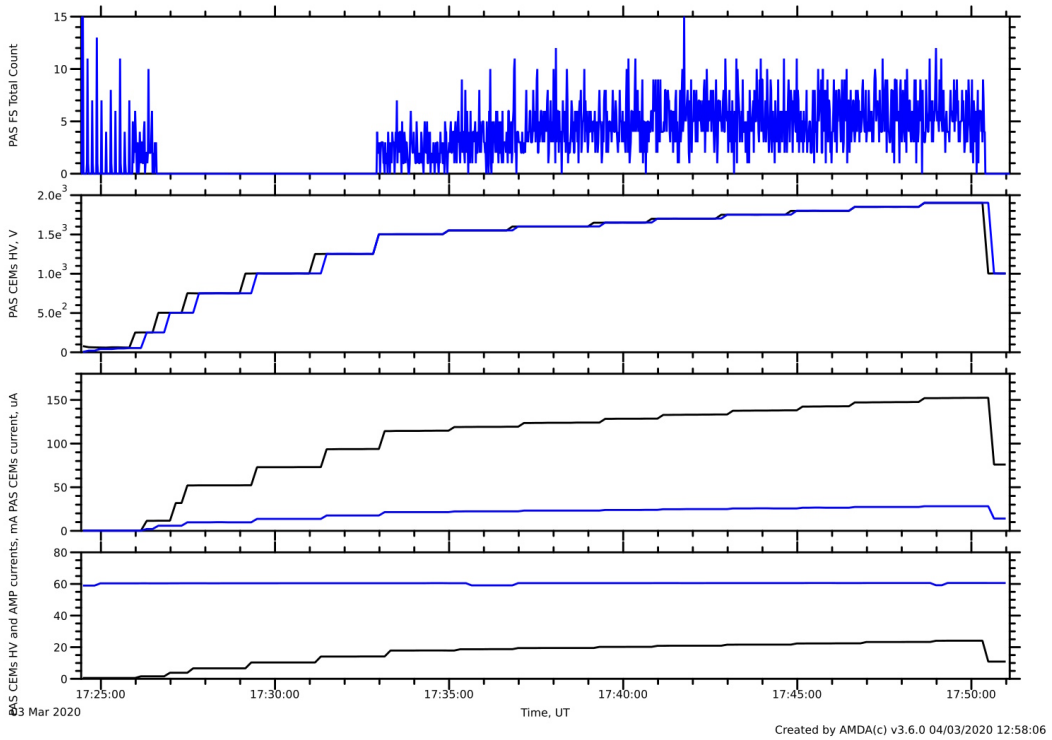


Figure 4: Total count (top panel) during the Day1 of commissioning rehearsal

To compare Figure 5 show the Da1 HKs taken with the real flight procedure with EQM and SolO simulator at MSSL on 23 Dec 2019.

Note: the duration of the Engineering mode at MSSL procedure was 23 min. The real duration of the Engineering mode is exactly 20 min.

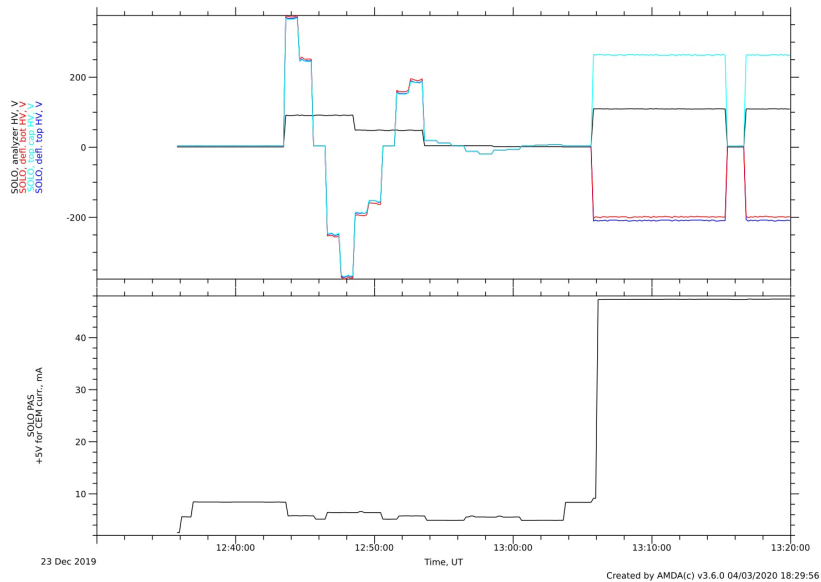


Figure 5: HK profiles taken at EQM (MSSL) on 23 Dev 2019