
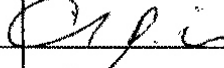
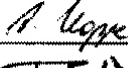
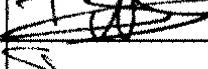
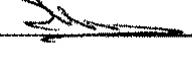


	REF.: H-P-TAS-MN-10131	
	DATE : 11/02/2008	PAGE : 1/3

MINUTES OF MEETING

PURPOSE :
 SPIRE Warm SFT Wrap-up meeting

CLASSIFICATION :

ATTENDEES	FIRM	SIGNATURE	ATTENDEES	FIRM	SIGNATURE
Eric Sawyer	RAL				
Sunil Sidher	RAL				
Axel Koppe	ASED				
Bernard Collaudin	TASF				
Simon Hamer	ASED				

WRITTEN BY : Bernard Collaudin

CONCLUSION :
 SPIRE SFT completed successfully.
 However: LPU test not performed because current parameter was not present in CDMS software as expected.
 Correction to be implemented urgently (required for mechanical tests)

SPIRE detector check indicated that bolometer PMW-B6 has not been corrected as reported. To be corrected when connector P03 will be replaced.

SPIRE gives go-ahead for Cryostat cool down.

DISTRIBUTION : ATTENDEES	FOR FURTHER ACTION :
	FOR INFORMATION :

APPROVED BY			
NAME			
SIGNATURE			

MINUTES OF MEETING

PLACE : ESTEC

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ATTENDEES

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APPROVED BY

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MINUTES OF MEETING

PLACE : ESTEC

CONTINUED :

ACTION

SPIRE warm SFT (after transport to Estec) was performed today. ° Detector check Procedure:

HP-2-ASED-TP-0212_1 - SPIRE FM Short Functional test
+ HP-2-ASED-SD-0203_1_SPIRE WFT after SD-195

Check of TRR Open points

None from TRR.

- Temperature of OBA was checked to be <31.5°C
- Following PACS test, and NC 3949: the tmd.dat file was corrected, and the database updated.. Checked to be correct for SPIRE

Summary of the test

Both Tests run smoothly.

SFT:

Error in an Script (step SPIRE_FT_SFT_FUNC_DCU_01_P).
SPIRE used an AVM script (for DRCU simulator) instead of an FM script.
SPR 162 generated
Script corrected & verified to work on redundant.
AI 1: SPIRE to update procedure for next (cold) SFT with updated script

One temperature for L0 out of range (normal at ambient) went from max positive 32767 to min negative value (-32768) expected.

AI 2: SPIRE will check the raw telemetry to understand the origin of the problem.

LPU test was not performed as the related packet for current measurement are missing.

After clarification, it appears the these parameters have NOT been corrected in CDMS software (issue 3.1.2) as they should have.

NCR 3661 remains OPEN. Needs urgent correction (required to be operated for mechanical test.

Test duration: 1:30 for nominal 1:20 for redundant.

Total SFT in about 3h

→ Go ahead for cool down.

Detector check.

During detector test, one of the bolometers (PMW-B6) has still negative slope, although it is reported to be corrected in ACS-195 (312100-P03), pins 031 & 043 have obviously not been swapped as expected (& reported)

Most probably human error.

Propose to correct when the connector will be changed.

NC3725 remain open until this.

NCR generated during this test

NCR to be raised:

MINUTES OF MEETING

PLACE : ESTEC

Yellow Out of limit reported on SLIAP5V (5.25V) on redundant and not on nominal (with same value and same hard & soft limit for nominal & redundant.

The nominal & redundant having the same SPID should have similar behaviour. SCOS problem ? (May be significant places in limits checks)

Proposed to add this on NCxxx (either existing or to be created) (SPIRE parameter SMD2V505 with yellow soft limit)

DCU-11 test: the script did not work because the IEGSE database was not changed to the current test configuration. Not an NCR.

Step 39 - DCU_13_PHOT_P - Command completion status reported unknown. NCR on CCS to be raised.

Step 48 – During Power off DRCU, current WM408565 higher than expected.

Older NCR's investigated during this test:

3631 Command execution failure DRCU Start: Has been observed again. → use as is for all functional tests (warning in the procedure)

3633 Unknown Type 21,4 packets reported on CCS: Corrected in HPSDB. Not observed during this test → Proposed for closure

NCR 3661: SPIRE detectors repair remains OPEN (PMW-B6 to be corrected).

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