

**Common EGSE Meeting #21  
29-May-2002, Telecon**

Participants:           PACS           Otto H. Bauer (chair)  
                           SPIRE           Ken J. King, Jeff Payne  
                           HIFI            Luc Dubbeldam

                          ESTEC        Brian Melton, Serge Valera  
                           IFSI         Sergio Molinari  
                           LFI         Chris Butler

**(1) - Minutes of last meeting:**

CB pointed out, with respect to AIV, that Plank already have regular meetings with Alcatel/Alenia wrt

**Status of Action Items at the beginning of the meeting:**

Action Item	Actionee	Description	Due Date
EGSE#09-06	Otto	Provide CDMS Simulator SOW	Still Open
EGSE#09-07	Otto	Provide Letter of Understanding of the EGSE WG	Still Open
EGSE#13-01	Otto Stephane	Issue a HCSS Integration and Acceptance Test Plan	Closed
EGSE#19-03	Erich	Send Java application and SCOS configuration to Serge	Closed
EGSE#19-04	Serge	To distribute SPR template	Still Open - in meantime send comments to Serge
EGSE#20-01	Sergio	Send log files from V1.0 testing to RAL	Closed
EGSE#20-02	Renato	Allocate times for V1.0 testing	Closed
EGSE#20-03	Otto	Talk to Th.Passvogel about EGSE/CCS Meeting between all parties	Still Open

**(2) EGSE-DPU/ICU testing at IFSI:**

SCOS2000 has been used for testing PACS DPU at IFSI. Has been used by HIFI at SRON. Not used for SPIRE yet.

MPE are using the HCSS (build 34)

**(3) CDMS Simulator:**

Negotiations under way to use ESTEC 1553 test bench for checking the interface protocol. Thuerey says it could be used in two ways: either to test the CDMS simulator, or to test the DPU/ICU interface. He would prefer the latter. He will present how this may be done at the next Data Management meeting.

IFSI are using version 1.0 of the CDMS Simulator, but have not yet tested burst mode.

#### **(4) SCOS 2000:**

Version 2.3e has been delivered to ESOC – should be available at the end of June. Then modifications need to be made by ESTEC. Therefore the modified version should be available beginning of July (This will include the TOPE interface and new SCOSgateway). It will also come with the minimum database that should be added to the instrument database to allow use for EGSE purposes.

Manuals will be provided for users – which these are should to be defined (at next EGSE meeting)

#### **(5) TOPE:**

See above – will be delivered with SCOS in July. Erich will need to add his changes to this.

**Action: Serge and Erich to discuss the mechanism for combining the ESTEC and MPE updates to SCOS before distribution, due 15<sup>th</sup> June**

#### **(6) Manuals and Configuration Documentation:**

We need to put together a set of minimum documentation for all EGSE systems.

**Action: HIFI/PACS/SPIRE to provide updated/new user manuals for each EGSE component, due 19<sup>th</sup> July**

**Action: Otto to provide draft documentation of the baseline EGSE configuration, due 14<sup>th</sup> June**

Serge is in contact with the Prime with respect to the naming convention for parameters. We should keep him up-to-date with comments on this. There is already a problem with the generation of packet identifiers, which is being worked on.

**Action: HIFI/PACS(Milena)/SPIRE to provide comments on inconsistencies between the new naming convention (email 12<sup>th</sup> April) and SCOS , due 7th July.**

#### **(7) TERMA and (8) Interfaces between EGSE and CCS in IST:**

Apparently, Project has removed all requirements to meet the interfaces to the EGSE defined in the ITT for the CCS.

Bryan had questions from the Document ‘Understanding of the interfaces between the EGSE and CCS’ by Viellat. Clearly, we still need a meeting between instruments and Alcatel about how to work together in IST – see Action 20-03. The following questions were raised:

TERMA have been told by Alcatel to use the PIPE protocol for communication between CCS and SCOE (including instrument EGSE). A new interface will be needed to this to the EGSE.

We are still left with the problem of how test procedures can be updated with a new OBSID for each test. This affects the link between uplink and downlink

Instrument memory patching during IST may not be supported because the CCS may only be configured for the CDMU and not the instruments. Chris has a document addressing this for Planck.

How many destinations will there be for telemetry? Could be 3 instruments RTA + 1 HCSS or 3 instruments RTA + 3 HCSS. Need to define a baseline configuration for EGSE for IST.

**Action: Chris to send document on ‘EGSE Interface Requirements Specification (HP1 ASPI IF 0121)’, due 7<sup>th</sup> June**

TC History needs to be transferred to HCSS (could be done post-test?)

**Action: Bryan to summarise his questions on the role of instrument EGSE in IST in an email, due 7<sup>th</sup> June**

**(9) Planck LFI EGSE:**

EGSE is constructed mainly in industry (Laben building CDMS simulator). They believe there CDMS simulator is fully compliant with PS-ICD.

Problems – industry is less flexible – decided to use linux version of SCOS (currently using 2.1.1e), had problems interfacing to this version and COTS tools. Apparently these will not be supported in the future (the only COTS tool required by the linux version is iLOG for mimic displays)

**Action: Serge to investigate cost of iLOG, due 2<sup>nd</sup> July**

**(9) Next Meeting/telecon:**

- EGSE#22 on July 2, 11:00 CET by telecon. Otto will call you.

**(10) AOB:**

- Nothing to report..

**Action Items:**

Action Item	Actionee	Description	Due Date
EGSE#09-06	Otto	Provide CDMS Simulator SOW	03-June-02
EGSE#09-07	Otto	Provide Letter of Understanding of the EGSE WG	03-June-02
EGSE#19-04	Serge	To distribute SPR template	31-July-02
EGSE#20-03	Otto	Talk to Th.Passvogel about EGSE/CCS Meeting between all parties	15-June-02
EGSE#21-01	Serge Erich	to discuss the mechanism for combining the ESTEC and MPE updates to SCOS before distribution	15 <sup>th</sup> June
EGSE#21-02	HIFI PACS SPIRE	to provide updated/new user manuals for each EGSE component	19 <sup>th</sup> July
EGSE#21-03	Otto	to provide draft documentation of the baseline EGSE configuration	14 <sup>th</sup> June
EGSE#21-04	HIFI PACS(Milena) SPIRE	to provide comments on inconsistencies between the new naming convention (email 12 <sup>th</sup> April) and SCOS	7th July

EGSE#21-05	Chris	Chris to distribute document on 'EGSE Interface Requirements Specification (HP1 ASPI IF 0121)'	7 <sup>th</sup> June
EGSE#21-06	Bryan	to summarise his questions on the role of instrument EGSE in IST in an email	7 <sup>th</sup> June
EGSE#21-07	Serge	to investigate cost of iLOG	2 <sup>nd</sup> July