

Minutes : Common EGSE meeting #19

Present	:	PACS	Otto Bauer (Chairman)	ohb@mpe.mpg.de
			Erich Wiezorrek	erw@mpe.mpg.de
		SPIRE	Ken King	K.J.King@rl.ac.uk
			Jeff Payne	J.Payne@rl.ac.uk,
		HIFI	Luc Dubbeldam (minuteman)	L.Dubbeldam@sron.nl
			Albrecht de Jonge	Albrecht@sron.nl
		ESTeC	Bryan Melton	Bryan.Melton@esa.int,
			F.N. Wechsler	Frederick.Wechsler@esa.int
			Serge Valera	Serge.Valera@esa.int

Date : 12 March 2002

Place : Telcon

Agenda:

1. Minutes and Action Items from last meeting
2. EGSE-DPU testing at IFSI
3. CDMS Simulator
4. SCOS-2000
5. TOPE
6. Meeting with TERMA (EGSE-CCS interface)
7. Next telcon

1. Minutes and Action Items from last meeting

No comments on the minutes.

Action	Actionee	Description	Due Date
EGSE#09-06	Otto	Provide CDMS Simulator SOW	>> 15 th March 02
EGSE#09-07	Otto	Provide Letter of Understanding of the EGSE WG	>> 15 th March 02
EGSE#13-01	Otto Stephane	Issue a HCSS Integration and Acceptance Test Plan	>> 31 st March 02
EGSE#13-10	SPIRE	Comment on Test Control Requirements Matrix	>> 31 st March 02
EGSE#13-17	PACS SPIRE	Specify their implementation of the PS-ICD and send to Otto	Closed
EGSE#17-01	Bryan	Prepare list of requirements for the listed items concerning the personalisation of SCOS-2000 and send them to Otto	closed
EGSE#17-02	Otto	Send list of requirements to Project as input from EGSE WG	closed
EGSE#17-03	Bryan	Provide list of changes and add-ons of SCOS-2000 V2.1.1e (Linux)	Obsolete
EGSE#17-04	Bryan	Distribute SCOS-2000 V2.1.1 Solaris	Obsolete
EGSE#18-01	Otto	Contact Passvogel and Piersanti to set up a new CCS-EGSE interface meeting	19 th March 02
EGSE#18-02	Luc (and/or Erich)	Specify changes to the MIB required to support the correct packet header structure	Obsolete

		for Herschel	
EGSE#18-03	Bryan	Arrange a telecon with the relevant parties to discuss time correlation	Closed during meeting

Notes

- wrt Action Item 13-10 Erich may reissue the test-control requirements matrix. If he does, luc will comment on it, too. If he does not he will let us know.
- Action Item 13-17 should be reopened to discuss the differences with Alcatel Otto is worried about the different approaches of the three instruments. For example PACS uses on-board procedures where SPIRE and HIFI do not have them.

EGSE19-1 Ken sends the SPIRE data ICD to Luc and Otto
 Luc and Otto fill out the tables that list the used TM and TC services for HIFI and PACS respectively

The result will be discussed first between the three instruments and if there is anything left to discuss this will be passed to Alcatel. CDMS wg meeting April 9th.
 Luc makes the statement that the implementation of packet structure and services has been frozen for HIFI. HIFI is not prepared to introduce any change in approach that is more than insignificant.

2. EGSE-DPU testing at IFSI

SCOS-2000 and the DPU are exchanging packets back and forth. Initial problems have suddenly disappeared.

Milena is working on the PACS-MIB and brings this in line with the ASPI naming conventions.

3. CDMS Simulator

The CDMS sim is subject of a soak test. It is in burst mode, passing 60 TM packets per second for already 7 days, without errors
 There are two bugs to fix (TC confirmation and cpp naming conventions) Jeff expects to issue version 1.0 end of this week.

The functionality to change buslist by TC has not been implemented yet.

The use of implemented messages will be included in SPIRE data ICD

4. SCOS-2000

The new TM-receiver has the correct PUS version number. This must be reflected in the application that generates TM-packets. (Not in the router or the EGSE interface)

SCOS-2000 can be ordered at ESOC. The patched will be delivered by Serge.

SCOS-2000 2.1.1e runs on both Solaris and Linus. Use Suse 7.3

Changes in the MIB-editor have been implemented long ago, but not yet tested.

Time correlation:

The TM-receiver has three options: use the time-stamp in the TM packet (SCET), use the time stamp added by the EGSE-interface (ERT) or use the SCOS-received time.

This could have been tested at the setup operational at SRON.

AI EGSE 19-2 Now we are aware of this option, Luc takes the action to check if this works, in cooperation with Serge and Nicholas (Terma Leiden).

Serge asks what kind of instrument simulators have been supplied by HIFI to Terma to test the TOPE to instrument link.

This refers to the following setup: TOPE generates 1 TC per second. This is passed to SCOS, SCOS-GW, EGSE GW, Router to an application that only receives it and does nothing with it. Further there was a TM-generating application that connects to the Router sending TM to SCOS.

The reason that this configuration has been sent to Nicholas was a system lockup that occurred within a few hours. This was caused by an improperly installed network card. The current system has worked continuously for three days (160 000 Command and even more TM)

Back to the test-application:

AI EGSE 19-3

Erich has a Java application that accepts TC and generates TM. He will send a complete configuration (including MIB-ASCII files, HFAconfig, TMDsetup) to Serge.

5. TOPE

Erich works now on:

- shell command line without TOPE task launcher
- procedures fetched from HCSS

next

- supply user manual for setup and start and additional TCL statements.

Serge works on SCOS-TOPE interface. Serge needs discussion with Erich to avoid double work. Serge will try to get Erich's changes incorporated in the standard TOPE.

AI EGSE 19-4 Serge to distribute SPR template.

Instrument teams can use SPR to report problems.

TOPE is end of March available to install

6. Meeting with TERMA (EGSE-CCS interface)

Frederick reports on a preparation meeting with Alenia and Terma. Apart from memory images and memory patches the CCS is absolute compatible with what we are building.

Otto proposes to have information exchange between the instruments and Terma. Two problems: Alenia wants to manage this contract and stay in between these two parties and we have to wait for the kick-off meeting (20th of March). Therefore Otto proposes to discuss this subject earlier.

We agree to have a short meeting on this subject on the 19th of March (three instruments + Project) . At least Ken and Otto are then at ESTeC. Luc will check if Kees will attend and make sure that HIFI will be represented, too.

7. Next telcon

23rd of April 14h00

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EGSE#09-07	Otto	Provide Letter of Understanding of the EGSE WG	15 th March 02
EGSE#13-01	Otto Stephane	Issue a HCSS Integration and Acceptance Test Plan	31 st March 02
EGSE#13-10	SPIRE	Comment on Test Control Requirements Matrix	31 st March 02
EGSE#19-1	Ken Otto Luc	Ken sends the SPIRE data ICD to Luc and Otto Luc and Otto fill out the tables that list the used TM and TC services for HIFI and PACS respectively	31 st March 02
EGSE#19-2	Luc	Check Time-correlation	31 st March 02
EGSE#19-3	Erich	Send Java application and SCOS-configuration to Serge	15 th March 02
EGSE#19-4	Serge	to distribute SPR template.	15 th March 02