

Minutes of EGSE Meeting #23
 SRON, Groningen, September 24, 2002

Participants:

PACS: Otto Bauer (MPE)

HIFI: Luc Dubbledam (SRON)

SPIRE: Ken King (RAL)

ESTEC: Bryan Melton, Johannes Riedinger, Kevin Galloway

1. Adoption of the agenda

- Minutes and Action Items from last meeting
- EGSE-DPU/ICU testing at IFSI
- AVM-ILT at MPE
- CDMS Simulator, use of ESTEC Simulator
- SCOS 2000/TOPE
- EGSE-CCS (see also Bryan's E-mail from Sep 9)
- Next meeting/telecon
- AOB

2. Minutes and Actions from last meeting

Minutes of last meeting were accepted

Review of Action Items

Status of Action Items at the beginning of the meeting:

Action	Actionee	Description	Due Date
EGSE#19-04	Serge	To provide SPR template	31 July 02
EGSE#21-02	HIFI	To provide updated/new user manuals for each EGSE component	19 July 02
EGSE#21-03	PACS SPIRE Otto	To provide draft documentation of the baseline EGSE configuration	15 July 02
EGSE#21-04	HIFI PACS SPIRE	To provide comments on inconsistencies between the new naming conventions and SCOS	Closed Closed 02 July 02
EGSE#21-07	Serge	Investigate costs of iLog	Open
EGSE#22-01	Serge	To summarize the flow of actions to be taken to get the next version of SCOS 2000 (2.3e) running	
EGSE#22-02	Otto	Make sure that the information on patching VIRTUOSO will be distributed to HIFI/SPIRE	
EGSE#22-03	Luc	To ask Albrecht to assess the amount of work to write a PIPE-Router interface	
EGSE#22-04	Bryan	To find out reasonable need-date to deliver Instrument-EGSE to integrate with CCS	

EGSE#19-04: Closed: Bryan sent E-mail with problem to Serge, they will feed it into ESOC system.

EGSE#21-02: Closed: SPIRE will send new version of the CDMS Sim end this week with new manual - Router ICD available including Start Script – SCOS, TOPE, CUS are available as first versions.

EGSE#21-03: Closed.

EGSE#21-04: Closed: Comments were sent.

→ **AI EGSE#23-01:** Bryan to find out final status, due Oct 18, 02

EGSE#21-07: Closed: Still discussion with ESOC, ESOC might supply licenses for iLog.

EGSE#22-01: Closed.

EGSE#22-02: Closed.

EGSE#22-03: Closed: Albrecht estimates that the implementation takes 2 days, the documentation 2 weeks. CCS test clients will be needed. This is a TERMA task.

→ **AI EGSE#23-02:** Bryan to bring it to the attention of the Project that CCS tests clients are needed, due Oct 18, 02.

EGSE#22-04: Closed: The need date of the Instrument EGSE is Oct 1, 03. The integration will take 3 days. The Instrument EGSE always contains the HCSS. We will deliver two EGSE's – one for hot standby.

→ **AI EGSE#23-03:** Otto to provide integration plan (2 pages), due Nov 29, 02.

3. EGSE – DPU/ICU Testing at IFSI

- PACS: The acceptance test of the DPU took place at IFSI on July 10. The DPU arrived at MPE on Sep9. MPE misses a proper logging of all activities. This might have consequences for handling and testing.
- HIFI: Similar experience. Also at present the science data transmission is not working, but no problem report available from IFSI.
- SPIRE: Problem with science data transmission from Instrument Simulator to DPU. Acceptance test foreseen for Nov 19, delivery to RAL Nov 25.

4. AVM – ILT at MPE

- DPU arrived Sep 9, SPU Sep 13 and DEC/MEC including BOLC Sim Sep 16.
- Incoming inspection went well.
- During first tests several problems encountered:
 - 1355 I/F: master-slave problem, PACS AVM's cannot be turned on in the right sequence. Project contacted for help
 - CDMS Sim: Crashes from time.
 - Router: Router crashes when packets are not picked up by HCSS. Kevin will check what Router does (SPR?).

→ **AI EGSE#23-04:** Otto will distribute on-board S/W loading procedure developed by Erich, due Sep 27, 02.

5. CDMS Sim, Use of ESTEC Simulator

- Ken distributed ICD draft 4, new the S/W including user manual will be delivered to PACS and HIFI on Sep 27.

→ **AI EGSE#23-05:** Ken will send CDMS Sim ICD, draft 4 to Bryan, due Sep 27, 02.

- The test bed at ESTEC should be used to Test the DPU/ICU 1553 I/F. In principle it could also be used to test the CDMS Sim.
- IFSI would like to have the test bed at IFSI and run the tests there. Brian informed us that the test bed is based on a desktop PC b, but had no further information.
- Instrument teams have to sign test plans – Sergio split the 1553 test plan into a H/W part and put the rest into the OBS test plans of the three units.

→ **AI EGSE#23-06:** Sergio to update all test plans (1553 H/W and three OBS) and send then to the instrument teams, due Oct 04, 02.

→ **AI EGSE#23-07:** Brian to check if description of ESTEC test bed is available, due Oct 04, 02.

6. SCOS-2000/TOPE

- SCOS 2000 v2.3e has been installed at RAL under Linux (Zuse). Serge wrote protocol about installation. It was send to Luc.

→ **AI EGSE#23-08:** Bryan to distribute installation protocol, due Sep 27, 02.

- LOGICA patch (TC History, OOL) is not included in the present delivery. It should be sent out by ESOC on Sep 24. LOGICA patch will never be a part of the official SCOS system. They will migrate to CORBA interfaces and we have to follow.
- P. Estaria raised the question if we get enough SCOS 2000 support from Bryan's team (Serge). It was the general feeling that the support is good and fast if Serge is there, but he is very often on mission and no deputy is available.

7. EGSE – CCS

- Bryan explained his E-mail from Sep 9, which foresees a direct connection between EGSE and CCS for the transmission of command sequences.
- The instrument teams and HCSS (Johannes, Kevin) agreed to the concept. Bryan confirmed that his proposal has the blessing of O. Piersanti.

→ **AI EGSE#23-09:** Erich, John and Albrecht will come up with a feasibility analysis of Bryan's proposal, for further information Bryan can be contacted, due Oct 30, 02.

8. Next Meeting/Telecon

EGSE#24 (Telecon): Tuesday, November 12, 14:00 (CET)

9. AOB

- PACS would like to have a Data Rate Monitor. It could be part of the CDMS Sim or the Router.

→ **AI EGSE#23-10:** PACS to write URD and distribute it, due Oct 30.

ANNEX

Status of Action Items at end of meeting

Action	Actionee	Description	Due Date
EGSE#23-01	Bryan	Find out final status of naming conventions (Alcatel – SCOS 2000)	18 Oct 02
EGSE#23-02	Bryan	Bring it to the attention of Project that test CCS clients are needed for the implementation of the PIPE protocol on EGSE side	18 Oct 02
EGSE#23-03	Otto	Provide EGSE-CCS integration plan	29 Nov 02
EGSE#23-04	Otto	Distribute on-board S/W loading procedure developed by Erich	27 Sep 02
EGSE#23-05	Ken	Send CDMS Sim ICD, Draft 4, to Bryan	27 Sep 02
EGSE#23-06	Sergio	Update all 1553test plans (H/W, 3 OBS) and distribute them	18 Oct 02 !!
EGSE#23-07	Bryan	Check if description of ESTEC 1553 test bed is available	04 Oct 02
EGSE#23-08	Bryan	Distribute SCOS 2000 installation protocol from Serge	27 Sep 02
EGSE#23-09	HIFI PACS SPIRE	Produce feasibility analysis of Bryan's proposal for a transmission of command sequences from EGSE to CCS	30 Oct 02
EGSE#23-10	PACS	Write Data Monitor URD and distribute it	30 Oct 02