Minutes   Common EGSE meeting #45

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	SPIRE	Ken King	K.J.King@rl.ac.uk
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	Astrium	Christian Schlosser	Christian.Schlosser@astrium.eads.net
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	Alcatel	Félix Chatte	Felix.Chatte@space.alcatel.fr

Date	15 Dec 2004
Place	Telcon

Agenda:

1. **Minutes and Action Items from last meeting 1**
2. **CCS/IEGSE tests at Astrium   2**
3. **S/W upload via CCS   2**
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1. Minutes and Action Items from last meeting

Action	Actionee	Description	Due Date
IEGSE#01-01:	Felix	will find out details about distribution and archiving of science data on CCS	closed
IEGSE#01-02	Erich	will send PACS related info on science packets (type, APID, SPID) to Markus and Felix.	10-Dec-04
EGSE#43-01	Christian	To try to get an interface from the IEGSE to the public internet setup at Astrium	closed
EGSE#44-01	Erich	To send 4 SPR´s on HCSS to Markus	closed
EGSE#44-02	Markus	To update Test Report and distribute it	closed
EGSE#44-03	Sonia	To send corrected PACS bridge files to Hassan for inclusion into HCSS v0.2.3a.	closed
EGSE#44-04	HIFI, SPIRE	To check set of IEGSE docs and provide their own IA/QLA manuals.	12-Jan-05
EGSE#44-05	Felix	To check S/W upload via CCS and procedure with OBSM setup.	closed
EGSE#44-06	Serge	To check compatibility of CCS	closed
EGSE#44-07	HIFI, SPIRE PACS	To provide Felix with their best estimated need dates for next MIB	30-Jan-05

Notes wrt Action items:
Christian reports that a technical solution to connect IEGSE to the public internet is on its way and involves DSL, router, firewall, VPN and switch.
EGSE#45- 1: Christian to distribute all the details of this solution. What is provided by Astrium? What SW of HW is expected at IEGSE side? What are the operational constraints to this solution? (17 Dec 04)

2. CCS/IEGSE tests at Astrium

o Status

Otto reports on progress of PACS tests (unpack Warm Electronics, mount on SVM, stand-alone test)
A problem occurred when the IEGSE was used in commanding mode and an internal checksum module appeared missing. Further the test passed successfully.

The CCS is still in an experimental phase: several pieces of harness are missing, instruments are powered by their own power supplies, HPSPB is still not fully operational, etc.

o HPSDB and MIB (HCSS and CCS)
As the HPSDB merges the conversion tables of the command and the monitor parameters into one table, the restriction of the merged table applies to both the monitor curves and the command curves.
The description field of the CCS-conversion curves are restricted to 23 characters and Alcatel wants to impose this limit on the description fields of the command conversion curves and the monitor conversion curves.
SCOS-2000 restricts the description fields of CCA to 24 and CAF to 32 characters.
  EGSE#45- 2:   Félix to distribute new issue of the naming convention (17 Dec 04)
  EGSE#45- 3:   Instruments and HCSS to assess the impact of this field-size description (22 Dec 04)

o Storage of Science Data on CCS

- Félix expresses concern about the amount of science data archived by the CCS. When an instrument produces data at full rate during 35 h at one SPID the archive file may reach full size.
  The CCS is designed to archive every packet that is forwarded to the IEGSE.
  An upgrade to SCOS-2000 3.1 would solve the problem of maximum archive size but is not feasible before May 05.

  A solution would be to close the archive once every 24 h.

  This item must be solved later.

- We need a standard procedure to pass the science packets SPIDs to the CCS

3. S/W upload via CCS

The OBSM module in the CCS is not operational.

ESOC has worked on the installation of the OBSM at RAL during the past two weeks but this is not working yet.

Luc has done some tests to write the stream of Load-Memory telecommands into a stackfile that can be swallowed by the Manual Stack of SCOS-2000, and hopefully by the Manual Stack of the CCS.

EGSE#45- 4: Luc to distribute the test-report on this exercise to the EGSE-group
EGSE#45- 5: Luc to distribute this application to PACS and SPIRE
EGSE#45- 6: SPIRE to test this on SPIRE HW
EGSE#45- 7: Félix to assess if this would work on the CCS

4. Next meeting/telecon

Meeting 26 Jan 2005 at Astrium 9h00
Otto will prepare a detailed agenda.
All parties are invited: Instruments, ESTeC, HSS, Alcatel, Astrium and Terma.

5. AOB

Nothing

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IEGSE#01-01:	Felix	will find out details about distribution and archiving of science data on CCS	10-Dec-04
IEGSE#01-02	Erich	will send PACS related info on science packets (type, APID, SPID) to Markus and Felix.	10-Dec-04
EGSE#44-04	HIFI, SPIRE	To check set of IEGSE docs and provide their own IA/QLA manuals.	12-Jan-05
EGSE#44-07	HIFI, SPIRE PACS	To provide Felix with their best estimated need dates for next MIB	30-Jan-05
EGSE#45- 1:	Christian	to distribute all the details of this solution. What is provide by Astrium? What SW of HW is expected at IEGSE side? What are the operational constriants to this solution?	17 Dec 04
EGSE#45- 2:	Félix	to distribute new issue of the naming convention	17 Dec 04
EGSE#45- 3:	PACS SPIRE HIFI HSS	to assess the impact of this field-size description	22 Dec 04
EGSE#45- 4:	Luc	to distribute the test-report on this exercise to the EGSE-group	17 Dec 04
EGSE#45- 5:	Luc	to distribute this application to PACS and SPIRE	17 Dec 04
EGSE#45- 6:	SPIRE	to test this on SPIRE HW	
EGSE#45- 7:	Félix	to assess if this would work on the CCS	14 Jan 05