Minutes of EGSE telecon #37
20th April 2004

Participants:
PACS: Otto Bauer (MPE)
HIFI: Luc Dubbledam (SRON)
SPIRE: Ken King (RAL)
LFI:
ESTEC: Bryan Melton, Johannes Riedinger
Alcatel: Bernard Dubois,
Astrium:

1. Minutes and Actions from last meeting

Minutes of last meeting accepted

Action	Actionee	Description	Comments
EGSE#32-14	Erich	To provide validation plan for Telecommand Sequence interface	Closed
EGSE#32-15	Felix, Markus, Ken, Luc, Otto	To comment on Erich's validation plan	Closed on Otto, Luc Still Open on others Due 30/4/04
EGSE#34-04	Otto	To provide the inputs necessary to create the test procedures to be carried out in the CCS-DPU tests	Closed
EGSE#35-05	Otto	To provide input needed for OBSM Sow to ESOC	Closed
EGSE#36-01	Felix,	To check availability of SSBV during this test	Closed
EGSE#36-02	Christian	To distribute the integration plan	Closed
EGSE#36-03	Otto	To provide a new MIB	Closed
EGSE#36-04	Alcatel, Astrium	To comment on Otto's IEGSE SW update proposal	Still Open New due date: 30/4/04

2. DPU/ICU Status

Two outstanding problem areas:

Need to reset DPU after upload of new OBS – this needs physical pushing of a button on the front panel of the DPU (for CQM/AVM DPU/ICU only). Astrium need to confirm that this is acceptable for the CQM IST.

During testing with CCS it was found that the DPU/ICU Boot software did not conform to the 1553 interface. A new PROM has been written and is under test at CGS/IFSI. It will be distributed to the instruments for installation in their CQM/AVM electronics in the next few weeks

3. IEGSE Hardware

Otto has proposed a division of the total cost. This was agreed by all instruments.

Instruments will receive a proposal from the company handling the procurement and should send the order to them along with a delivery address (nominally MPE). It may be necessary to split the order in two to allow delivery of parts to two different addresses.

ACTION EGSE#37-01 Otto to provide the delivery address at MPE for IEGSE hardware, due with the delivery of the proposal.

Installation of the IEGSE hardware and test of interface to CCS at Astrium needs to be defined soon. Otto proposes this should take place in July, but Luc is on holiday. A common date needs to be negotiated between the instruments as all have ILT planned during this period and will not have the resources available at any time. Otto will arrange a telecon between the 3 instruments and HSC in due time.

4. Telecommand I/F and TOPE Status

The interface test failed initially but it was found that upgrading SCOS to patch level 5 removed the problem. It is not clear why this should be so.

ACTION EGSE#37-02 Bryan to follow up why SCOS patch level 5 corrects the problem with the telecommand I/F, due 14 May

5. 1553 Test Status

5.1 Test Report

Tests with CCS-Light, CDMU Simulator and PACS DPU were held at Astrium and MPE with support of Satellite Services, which was very useful.

First tests at Astrium failed as the CCS software rejected contact with DPU during boot – due to the non conformance of the DPU Boot Software with the 1553 interface. After modification of the CDMU DFE software to ignore this, the test was run again at MPE using the PACS set-up and the PACS OBS was executed successfully.

5.2 Repeat of Test

After correction of the DPU PROM the test needs to be repeated but:

- The electrical setup for the test needs to be better defined
- The status of MIBs and the Satellite Database needs to be confirmed
- The Integration and Test Plan needs updating

The test can be repeated on 13-14th May (PACS DPU is only available on this date)

ACTION EGSE#37-03 Astrium to confirm date of next CCS-DPU test, due 30th April

In addition the bridge files from the Satellite Database are needed by the CSDT by the end of May to test the next HCSS version (v0.21)

ACTION EGSE#37-04 Astrium to confirm date of delivery of bridge files to CSDT, due 30th April

Command Sequences for the test have been delivered to Astrium and need to be checked if they can be used directly

ACTION EGSE#37-05 Astrium to confirm that the command sequences are useable, due 30th April

Satellite Services will not be available for the next test. Bernard confirmed that someone from Alcatel will be available. It is not clear if an Allenia representative will be there.

It was agreed that Astrium would be responsible for the next test and will deal with the open items above, i.e. test definition, documentation update etc.
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ACTION EGSE#37-06 Astrium to nominate a test responsible, due 30th April

6. Next Meeting/telecon
Telecon: Thurs 26th May 11:00 CET.

7. AOB
Luc and Ken agreed that TOPE will be updated at IFSI

Actions open at the end of the Meeting

Action	Actionee	Description	Due Date
EGSE#32-15	Felix, Markus, Ken, Luc, Otto	To comment on Erich's validation plan	Closed on Otto, Luc Still Open on others 30th April 2004
EGSE#36-04	Alcatel, Astrium	To comment on Otto's IEGSE SW update proposal	30th April 2004
EGSE#37-01	Otto	to provide the delivery address at MPE for IEGSE hardware,	due with the delivery of the proposal
EGSE#37-02	Bryan	to follow up why SCOS patch level 5 corrects the problem with the telecommand I/F	14th May 2004
EGSE#37-03	Astrium	to confirm date of next CCS-DPU test	30th April 2004
EGSE#37-04	Astrium	to confirm date of delivery of bridge files to CSDT	30th April 2004
EGSE#37-05	Astrium	to nominate a test responsible	30th April 2004