PACS-MPE-MN-185

Minutes of Meeting
EGSE-WG # 38 Telecon
26 May 2004

Participants:

HIFI: Luc Dubbeldam
PACS: Otto H. Bauer
SPIRE: Ken King
ESTEC: Johannes Riedinger
          Brian Melton, Serge Valera
Alcatel: -
Astrium: Christian Schlosser, Markus Kölle
ESOC: -
LFI: Chris Butler

Proposed Agenda: (Minute writer: Otto)

(1) Minutes and Action Items from last meeting
(2) Report from 1553 test (CCS-Light/CDMU Simulator + DPU)
     at Astrium on 13/14 May
     -    next steps
(3) CCS/IEGSE tests at Astrium (now planned for cw 34)
     -    Status of hardware procurement
     -    Integration and Test Plan
     -    HPSDB and MIB
     -    Configuration and test of systems at MPE prior to delivery
(4) Next meeting/telecon
(5) AOB

 (1) Minutes and Action Items from last meeting

     No comments on minutes from last 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 30-April-04
EGSE#36-04	Alcatel, Astrium	To comment on Otto's IEGSE SW update proposal	30-April-04
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	14-May-04
EGSE#37-03	Astrium	To confirm date of next CCS-DPU test	30-April-04
EGSE#37-04	Alcatel	To confirm date of delivery of bridge files to CSDT	30-April-04
EGSE#37-05	Astrium	To confirm that the PACS command sequences are useable	30-April-04
EGSE#37-06	Astrium	To nominate a test responsible	30-April-04

EGSE#32-15: Closed by Markus, still open on Felix and Ken: new due date: 18-June-04
EGSE#36-04: Closed, proposal accepted.
EGSE#37-01: Closed.
EGSE#37-02: Closed, works already with patch level 4, this was not installed by PACS.
EGSE#37-03: Closed, next test will take place on 13/14-May-2004 at Astrium.
EGSE#37-04: Obsolete, Alcatel could not deliver HPSDB generated bridge files, still problems with. HPSDB.
EGSE#37-05: Closed, command sequences can be used.
EGSE#37-06: Closed, responsible is Markus Koelle.

(2) Report from 1553 test (CCS-Light/CDMU Simulator + DPU) at Astrium on 13/14 May

It should be noted that the HPSDB still cannot generate bridge files. The MIB delivered to Astrium had to be generated manually.

After initial problems concerning the overall grounding concept of the test set-up and the corruption of the MIB file delivered by Alcatel (not allowed line feeds) the test could be executed.

The test was in general successful, only the PACS Burst Mode did not work. In the meantime this could be verified at MPE, IFSI is looking into the problem. Astrium will raise NCR.

It was also the first time that a TOPE test procedure could be executed successfully.

→ **AI EGSE#38-01:** Astrium to raise NCR on PACS Burst Mode problem,
due 11-June-04.

Astrium issued a draft Test Report, which was discussed:
- In the beginning (after the initialization of the whole system) the Force Boot command had to be sent twice. This seems to be a problem of the Command ID, which is set to Zero on both sides (CDMU and DPU). HFI reported a similar problem.
- Astrium will ask P. Couzin concerning the successful execution of test step 3.6.5.
- 3.6.9 step 20 is ok.

→ **AI EGSE#38-02:** Astrium to raise NCR on Force Boot command problem,
due 11-June-04

→ **AI EGSE#38-03:** Astrium to update Test Report, due 11-June-04.

→ **AI EGSE#38-04:** Otto to distribute report to Ken, Luc and Chris, due 15-June-04.

Astrium will distribute final report end June.

Comments:
- For the time synchronization of the whole CCS system, Astrium should install the network time protocol.
- It would be very useful for Astrium to have a Remote Terminal Simulator in order to train their personnel on the CCS.

Next steps: After correction of the Burst Mode problem PACS would like to repeat the TOPE test procedure, which also contains the burst mode test. Astrium proposes 21-June or 28-June as possible dates.

(3) CCS/IEGSE tests at Astrium (now planned for cw 34)
- **Status of hardware procurement**
- **Integration and Test Plan**
- **HPSDB and MIB**
- **Configuration and test of systems at MPE prior to delivery**

Status of H/W procurement:
The IEGSE H/W has been ordered. The MPE and HIFI part should arrive at MPE beginning of June, the SPIRE part end June.

Integration and Test Plan:
At Astrium the IEGSE room will be available soon. We will have one row of tables on each side of the room, one for the Prime, one for the Redundant IEGSE.

The integration will start 16-Aug-04.

The Integration and Test Plan should be issued by Alcatel.

→ **AI EGSE#38-05:** Otto to contact Alcatel concerning Integration and Test Plan, due 04-June-04.

HPSDB and bridge files:
The CSDT needs the bridge file of the three instruments end of June 04 in order to be able to start testing of the HCSS v 0.2, which is part of the IEGSE system.

→ **AI EGSE#38-06:** Otto to contact Felix concerning status of HPSDB and the delivery of bridge files to CSDT (need date: 30-June-04), due 16-June-04.

Configuration and test of systems at MPE prior to delivery:
- Otto will organize telecon with HIFI, SPIRE, CSDT in order to discuss the configuration of the data base, Brian and Serge would like to participate.
- The configuration at MPE could take place during cw 33, Luc is not available in July.
- Otto will organize telecon with Ken, Luc, Johannes in order to discuss details.

→ **AI EGSE#38-07:** Otto to organize telecon concerning configuration of data base, due 30-June-04.

→ **AI EGSE#38-08:** Otto to organize telecon concerning configuration and test at MPE, due 30-June-04.

(6) Next meeting/telecon

Telecon: Tuesday, 22-June-2004, 11:00 LT

(7) AOB

- SCOS 2000 v2.3: Overflow of History File Archive (HFA), reported by Sunil
  The HFA has a limitation of 2 GB. When full one has to write archive to CD-ROM. Serge will provide small procedure.

→ **AI EGSE#38-09:** Serge to provide procedure to solve HFA problem, due 22-June-04

Status of Action Items at end of 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, Markus. Still open on others. 18-June-04
EGSE#38-01	Astrium	To raise NCR on PACS Burst Mode problem	11-June-04
EGSE#38-02	Astrium	To raise NCR on Force Boot command problem	11-June-04
EGSE#38-03	Astrium	To update Test Report	11-June-04
EGSE#38-04	Otto	To distribute report to Ken, Luc and Chris	15-June-04
EGSE#38-05	Otto	To contact Alcatel concerning Integration and Test Plan for IEGSE	04-June-04
EGSE#38-06	Otto	To contact Felix concerning status of HPSDB and the delivery of bridge files to CSDT (need date: 30-June-04)	16-June-04
EGSE#38-07	Otto	To organize telecon concerning configuration of data base	30-June-04
EGSE#38-08	Otto	To organize telecon concerning configuration and test of IEGSE at MPE	30-June-04
EGSE#38-09	Serge	To provide procedure to solve HFA problem	22-June-04