# Minutes of EGSE telecon #31
**8th July 2003**

**Participants**:
PACS: Otto Bauer (MPE)
HIFI: Luc Dubbledam (SRON)
SPIRE: Ken King (RAL). Jeff Payne (RAL)
ESTEC: Bryan Melton, Kevin Galloway
LFI: Chris Butler

## 1. Adoption of the agenda

## 2. Minutes and Actions from last meeting

Minutes of last meeting accepted

| Action | Actionee | Description | Comments |
|---|---|---|---|
| EGSE#23-03 | Otto | Provide EGSE-CCS Integration Plan | Still Open – cannot find CCS rep Due mid Sept |
| EGSE#27-03 | Otto | When IFSI have provided a DPU/UCU Spacecraft Interface Acceptance Test Plan, Otto will organise a telecon (Instruments + Stefan Theurey) | Closed |
| EGSE#28-01 | Serge | To circulate the Siemens' report on feasibility of implementing Option 4 from the TOPE meeting | Closed |
| EGSE#28-04 | Felix | To check whether it is confirmed that it would be possible to use CCS/light to test the implementation of the PIPE protocol | Closed – it is possible |
| EGSE#28-06 | Bryan | To clarify if ESOC can deliver 14 ILOG licences (PACS:5 SPIRE:5 HIFI:4) | Closed – they have allocated a group of licences to be administered by ESTEC |
| EGSE#29-05 | Felix | Confirm date of CCS/light availability and make sure that time will be set aside for IEGSE integration | Still Open – date still not known |
| EGSE#29-07 | Felix | Raise SCOS version problem to Project level | Closed– Bryan recommends that instrument stick with version 2.3e until future policy is clear Kevin: This was raised at Ground Segment Requirement Review and actioned |
| EGSE#29-08 | Bryan, Serge | Find out status of MIB Tailoring Notes | Still Open |
| EGSE#29-09 | Bryan | Find out if and when LOGICA patch will be permanent | Still Open |
| EGSE#29-10 | Felix | Provide OBSM questionnaire to ICC´s | Closed – distributed by John Dodsworth |

| EGSE#30-01 | Luc | to write an e-mail to Félix with the request to formalize the agreements between Instruments and TERMA. | Closed |
|---|---|---|---|
| EGSE#30-02 | Felix | to contact whomever appropriate at Project or Industry to formalize the agreements between Instruments and TERMA | Still Open |
| EGSE#30-03 | Otto | to arrange with Project that one IEGSE system is sufficient | Still Open<br>Due 1 Aug |
| EGSE#30-04 | Erich | to distribute the corrected bus profiles. | Closed |
| EGSE#30-05 | Erich | to investigate SCOS-2000 command release time jitter and report on any result | Closed – email sent |
| EGSE~30-06 | PACS SPIRE HIFI | to confirm that they do not use the parameter-ID | Closed<br>This should, and is, being considered at DMWG<br>A fax has been recieved from Alcatel about the allocation of parameter IDs |

## 3. 1553 Testing

We have received comments from Stefan Theurey. He is not convinced that the test plan covers all the required tests.

Sergio agreed to issue the PACS SVVP, which explains how they will test the TLP. There is no plan to test the low-level protocol.

Luc would like a meeting with an expert on this interface to decide what tests are actually required to be carried out.

Action: Otto to organise a meeting between the 3 instrument , Thuerey  avionics lab to define the tests that should be carried out on the 1553 interface. Due 1st August

## 4. Status of IEGSE Hardware

A Proposal has been made by Jeff..
Otto got a quote from Dell, which is cheaper than Jeff's
Jeff is looking to see if he can get Dell UK to quote a cheaper price.

Luc would like to use a cheaper computer. Maintenance is not included – Luc will check if on-site maintenance is available

## 5. PIPE and TOPE Status

PIPE: Statement of work written.
PIPE gateway written and User Manual available.

Luc is trying to arrange a test with CCS – he is trying to arrange with Astrium, but they are busy.
Bryan: better to try to go to Leiden (or get a machine with CCS at Utrecht). Luc will contact THERMA about this

Could test everything at ESTEC (as ESTEC will have SCOS and HCSS available). This could test CCS, PIPE gateway, HCSS, SCOS, TOPE. This could take place at end of August

Kevin: Maybe interface test between IEGSE and HCSS should be done at MPE. But they would need a CCS machine
This will be discussed off-line between Luc and Kevin

## 6. IEGSE/CCS integration

Waiting for a contact to discuss this.

Action on Otto to finalise formal details about getting CCS

## 7. Next Meeting/telecon

Telecon: Tuesday 9th September at 14:00 CET

## 8. AOB

CDMS simulator has minor problem – update is due soon
This problem should have been raised as an NCR rather than just by email.

We will get an update to SCOS which will reduce the command jitter to ~ 100ms

**Status of Action Items at end of meeting**

| Action | Actionee | Description | Due Date |
|---|---|---|---|
| EGSE#23-03 | Otto | Provide EGSE-CCS integration plan | Mid September |
| EGSE#29-05 | Felix | Confirm date of CCS/light availability and make sure that time will be set aside for IEGSE integration | Mid September |
| EGSE#29-08 | Bryan, Serge | Find out status of MIB Tailoring Notes | Mid September |
| EGSE#29-09 | Bryan | Find out if and when LOGICA patch will be permanent | Mid September |
| EGSE#30-02 | Felix | to contact whomever appropriate at Project or Industry to formalize the agreements between Instruments and TERMA | Mid September |
| EGSE#30-03 | Otto | to arrange with Project that one IEGSE system is sufficient | 1$^{st}$ August |
| EGSE#31-01 | Otto | to organise a meeting between the 3 instrument teams , Theurey and the ESA Avionics lab to define the etests that should be carried out on the 1553 interface. | 1$^{st}$ August |
| EGSE#31-02 | Otto | to finalise formal details about getting CCS | Mid September |