Minutes of the 5th FIRST Science Ground Segment Teleconference
FIRST/FSC/MOM/0144

The 5th FIRST Science Ground Segment Teleconference was held on 16 and 17-Aug-2000.

Participants:

O. Bauer (OHB)
T. Dimbylow (TGD)
J. Riedinger (JRR)
P. Roelfsema (PRR)
S. Veillat (SV)

TOP 1: Agenda, MoM of Managerial Teleconference #4, Status of AIs

The agenda (cf. JRR e-mail dd. 15-Aug-2000) was approved with two additional points:

- Confirmation of use-case meeting #4. It was agreed that this meeting should go ahead as planned on 29-Aug-2000 at ESTEC although the agenda for this meeting is not yet clear and depends on inputs to be provided over the next ~2 weeks (the input expected on 23-Aug on the ILT end-to-end chain and affected use-cases, and whether or not the PST can already provide detailed feedback from their review of the actor descriptions/use-cases at that meeting in spite the fact that their internal deadline for providing comments to Ana is only end August).

- ILT end-to-end chain, input expected from the ICCs by 23-Aug: It was agreed that the FSCDT would send to the use-case WG (cc: FCSMG) a snapshot of what we currently have in terms of descriptions, diagrams, models, etc. for the "operational end-to-end chain" to guide the ICC work on the "ILT end-to-end chain".

There were no comments on the MoM of the previous teleconference (cf. FIRST/FSC/MOM/0141).

There are currently no overdue actions in the AI list. However, at the Managerial Teleconference #4 OHB had accepted an action to provide A. Heras with user requirements on the common system arising from the work of the EGSE-WG by end July for inclusion in what currently is the FSCS-URD. OHB stated that he could not complete this action because Ken King had not updated the draft EGSE-URD as agreed at the previous EGSE-WG meeting. TGD will chase KK and it is expected that this update will be available in time for the next EGSE-WG meeting on 6-Sep-2000.

TOP 2: Procurement of tools:

- Together:

  ❖ TGD has discovered that RAL already has a site license, so it will not participate in the common procurement. All other SPIRE sites at which Together might be used are academic and thus eligible to receive free licenses.
  ❖ PRR stated that the affiliation of SRON-Groningen with the local university is such that HIFI will also use free licenses and will not participate in the common procurement.
  ❖ JRR stated that FSCDT is ready to purchase 4 licenses.
  ❖ OHB stated that PACS is ready to purchase 3 licenses.

  We thus come to a total of 7 paid-for licenses (3 less than the threshold of 10, at and above which we could obtain a 25% discount). In between the two days of the telecon, contact was made with the Benelux supplier of Together, who initially refused to lower this threshold from 10 to 7. Discussions will continue.

- ODBMS

  - ❖ A list of detailed questions (cf. telecons #3 and #4) had been sent by FSCDT to OHB for forwarding to Versant. Except for a very few instances, the detailed replies are extremely satisfactory and encouraging. As a result we need to seriously consider Versant as a possible alternative to the current baseline ODBMS (Objectivity).
  - ❖ JRR will distribute the Versant reply to all ICC managers such that they can decide whether/ who to send to a meeting with Versant at MPE, which OHB will try to arrange for 31-Aug-2000 (TBC). FSCDT participants to this meeting will be SV and J. Brumfitt. As chair of the FGSSE, SV is prepared to draw on his pool of VGs to get the Versant representative(s) at this meeting up to speed on the environment and context in which the ODBMS will be used at various stages of development and in operations.
  - ❖ TGD would like to know (possibly from this meeting at MPE) what the total financial commitment would be if we selected Versant (i.e. including any COTS tools that are needed to run Versant).
  - ❖ It was agreed that the ODBMS selection has to be made by end October 2000.

TOP 3: FCSMG Terms of Reference

- Draft 2 of the Terms of Reference (JRR e-mail dd. 13-Jun-2000 in reply to an action from telecon #3) was discussed and minor modifications were suggested.
- In between the two parts of the teleconference, JRR updated these ToR to draft 3, which was agreed.
- Issue 1 of these ToR is available on the SA-DMS.

TOP 4: SRR preparations

By the end of the second part of the teleconference the following conclusions and action plan were agreed:

- The FCSMG requests that a first meeting of the FGSAG be held on 7-Sep-2000 at which the Instrument Managers are present. OHB will provide a draft agenda for this meeting to JRR by 21-Aug-2000 for further discussion with G. Pilbratt, who as FGSAG chair would have to officially set up this meeting.

- The SRR, currently planned for mid-October 2000, will be delayed by about 2 months (TBC at FGSAG meeting) to get the required documentation for the Common System and its development into a consistent state. Although the review is delayed this does not necessarily mean that the delivery date of v0.1 of this system for use in ILT will slip likewise. For the time being the target date for release of v0.1 remains October 2001.

- We will only have a consistent set of SPMPs for the different teams participating in this common development by the end of this year. Because the detailed FSCDT development schedule (contained in Issue 1 of the FSCDT SPMP, FIRST/FSC/DOC/0116) only covers the period until the end of elaboration phase part 1 (mid-October 2000), JRR will write a delta SPMP to cover the FSCDT activities during the period from mid-October until the end of the year.

- The ICC managers will inform the relevant people in their instrument development teams that in the EGSE-WG meeting on 6-Sep-2000 at ESTEC or the FGSAG meeting the following day (TBC) we have to be provided with details concerning the need dates and the required functionality of development versions of the common system for the period leading up to the deployment of v0.1 for the official start of ILT. Without these details we cannot correctly scope the development of v0.1 over the next year.

- By 7-Sep-2000 (FGSAG meeting, TBC), all teams participating in the development of the common system will supply details on the manpower they will have available for the development

of v0.1 over the next year. Without these details we cannot map development of the required incremental functionality onto people and whether or not v0.1 can be built on the required timescale.

- In between the two parts of the telecon, FSCDT released Issue 1 of the document tailoring the ECSS-E-40A and ECSS-Q-80A standards to the development of the common system. JRR is working on and plans to release by 8-Sep-2000 a detailed reply how the FSCDT intends to meet each requirement that has to be met after application of this tailoring document. This document will be used as a draft for the reply from the Common Development Team which has to be agreed within the FCSMG.

- Although the use-cases will remain to be the basis for the actual development of the common system, the PST as one major end user of this system has a URD which they will maintain. The expansion of the FSCS to a Common System is not at present reflected in this URD and therefore this URD needs to be updated. OHB will provide the additional functional requirements arising from the use of the common system in combination with the EGSE-ILT to A. Heras by 7-Sep-2000 such that an updated FIRST Common Science System URD is available by ~mid-September.

- By mid-September at the latest we must have the following documents:

  - ❖ EGSE-ILT URD (K. King, 6-Sep-2000),
  - ❖ FIRST Common Science System URD (A. Heras, mid-September 2000),
  - ❖ ILT use-cases (UC WG, mid-September 2000),
  - ❖ FGS IRD, updated for the I/Fs between EGSE-ILT and the common system (FGSSE, end August 2000),
  - ❖ List of ICDs (FGSSE, end August 2000),
  - ❖ FGSDD, covering at least routine operations and ILT (FGSSE, end August 2000).

  The set of these documents will be reviewed by (at least) the FCSMG, the EGSE-WG and the instrument teams to ensure

  - ❖ Consistency of the overall ILT system
  - ❖ That there is no overlap between EGSE and Common System functionality
  - ❖ That together the EGSE and Common System provide all the functionality required in ILT.

  A detailed review plan should be discussed and agreed at the FGSAG meeting.

TOP 5: AOB and next telecon

- The 6th managerial teleconference will be held at 16:00 on 1-Sep-2000.
- It was agreed that in the future Minutes of FCSMG meetings/telecons would be issued directly and without involving a draft – comment – issue loop. Major comments on these MoM could then be raised and recorded at the following meeting/telecon.

JRR, 18-Aug-00