

# Minutes of the 2<sup>nd</sup> FIRST Science Ground Segment Teleconference

## FIRST/FSC/MOM/0130

The 2<sup>nd</sup> FIRST Science Ground Segment Teleconference was held on 16-May-2000.

### Participants:

O. Bauer  
A. Heras  
J. Riedinger  
P. Roelfsema  
S. Veillat

Prior to the meeting, T. Dimbylow had indicated that he would not be available. The PS was not available.

### TOP 1: Consolidation of agenda; addenda to MoM of first teleconference

The agenda (cf. JRR e-mail dd. 5-May-2000, in the following referenced as [1]) was approved without modification. There were no comments on the MoM of the previous teleconference (cf. FIRST/FSC/MOM/0121).

### TOP 2: Action Items

The list of actions, status 11-May-2000, was reviewed in light of the comments from P. Estaria (attached to [1]):

- AI 040799/1: It was agreed to cancel this action.
- CWG\_4-A1: The current draft of the Packet Structure ICD is not available in electronic form and, according to OHB and PR, is in rather urgent need of updating. Therefore this action is not closed with the currently available draft.
- AI 110100/1: Instrument stabilisation time (now HIFI without but PACS with a cooler) before an instrument can be used in a particular mode are needed rather urgently, as this impacts on scientific mission planning. JRR to check with GP whether this action has been closed (and collect the answer) or, if it hasn't, reopen this action.
- AI 280300/1: AI closed by PE's proposed text for IID-A.
- AI 200400/4: PE's e-mail dd. 9-May-00 formally closes the AI. However, the high level protocol (which goes beyond the AI) has to be defined within the next 3 months according to OHB and PR. PR stated that he feels uncomfortable about the fact that instrument issues (e.g. the 1553 protocol definition) repeatedly come up in ground segment related meetings; this may prevent information from reaching its proper destination and decisions are being made in the wrong forum.

### TOP 3: Progress per site

- FSC: Issue 1 of the FSCS URD should be released end of this week (AMH).
- PACS:
  - Progress reports have been distributed for March and April.
  - A first CUS URD draft exists. SV questioned what status this URD would have and how it would fit into a system which is developed based on use-cases. It was agreed that the FSC would receive and review Issue 1 once this becomes available end May, after having been updated for comments expected from the EGSE WG.
  - Issue 1 of the PACS SIP is expected to be available mid-June.
  - A next draft of the ICC S/W URD should be available end May. JRR repeated his remark already made at the FSCDT kick-off meeting that the software requirements only address parts of the ICC system requirements.
  - PACS contributed to the actor and use-case definitions.

- OHB confirmed that at this time there are no additional requirements on the FSCS URD forthcoming from the ICC S/W URD.
- HIFI:
  - HIFI contributed to the actor and use-case definitions.
  - Currently working on the test equipment and test control I/Fs.
  - Next version of the SIP planned to be available mid/end June.
  - As OHB, PR confirmed that he was not aware of any new ICC requirements on the FSCS, so Issue 1 of the FSCS URD can be established with some confidence. The FSCDT foresees an update to Issue 2 of this URD to be available by end 2001 to cater for additional requirements we learn about during the actual development of the FSC and ICC systems.

At the request of OHB and PR, the meeting planned at ESTEC for 5/6-June to discuss ICC and FSC use-cases was re-instated although we do not expect to have the complete set of use-cases available by then. The review will cover those actor descriptions/use-cases that have been distributed by the end of 29-May-00.

A second meeting on use-cases was agreed to take place on 27 June (since confirmed via e-mail).

#### **TOP 4: Standards**

- It was agreed that a common approach should be taken to the development of the FSC and the ICCs.
- Based on the AO for FIRST instrumentation, the ICCs have based their thoughts on PSS-05 for small projects ("PSS-05 light") more than on ECSS (-E-40A and -Q-80A), for which a tailoring has been internally proposed for FSC development. It was agreed that FSCDT and ICCs would provide input for further discussion of joint applicable standards by mid-June.
- OHB repeated a request already made in conversation at the occasion of the SCOS 2000 meeting that the FSCDM should be more involved in meetings between instruments and between instruments and Project to be aware of discussions, decisions and developments that may heavily influence instrument and ICC development. JRR said that more involvement in such meetings is not mandated by the split in responsibilities between ICCs and FSC but that he would discuss this with the PS (as would the ICC managers). [After the meeting OHB has initiated a discussion with Project and PS to start formal FGSAG meetings to improve the flow of information and coordination.]

#### **TOP 5: AOB**

- SV sought confirmation from the ICC Managers to the FGSSE proposal to have ICCs responsible for the distribution of NRT TM from ICC@MOC to ICC@ICC. OHB agreed to this in principle provided (i) ESOC support with routers would be available and (ii) FINDAS + SCOS 2000 + IA/QLA are fully supported on the ICC@MOC stations. It was agreed that SV would extract the relevant passages from the MoM of FGSSE #5 (FIRST/FSC/MOM/0129), add a diagram and send this around for confirmation.
- In this context it was also discussed that the technical decisions made by the FGSSE need to be formalised, e.g. in Technical Notes, and signed off. The means to arrive at the necessary formalism would be discussed at FGSSE #6 end May.
- The 3<sup>rd</sup> teleconference will be held on 7-Jun-00 at 17:00.

JRR, 23-May-00