Minutes of the 1st FIRST Science Ground Segment Teleconference FIRST/FSC/MOM/0121

The 1st FIRST Science Ground Segment Teleconference was held on 10-Apr-2000.

Participants:

O. Bauer
A. Heras
G. Pilbratt
J. Riedinger
P. Roelfsema
T. Dimbylow
S. Veillat

TOP 0: In was agreed to follow the agenda provided in JRR e-mail dd. 4-Apr-2000.

TOP 1: Discussion of any contentious ICC requirements on the FSC System

The following was agreed:

- As mentioned in all written inputs, developers of the FIRST Scientific Ground Segment should be described as users of the FSC System. This should be considered when preparing (i.e. selecting and abstracting) FINDAS URs for migration into the FSC System URD (cf. below).

- A performance requirement should be added to the FSC System URD for the speed at which replayed telemetry is available at ICC@ICC. It would be expressed as a fraction of the time it took to generate this data on-board. Because of the limited FSC-ICC bandwidth, this requirement may have architectural implications (replication; local caching mechanism).

- There was some discussion whether "on-demand processing" means "remotely accessible IA processing", i.e. observers using FSC computers for a remote, interactive data processing session. JRR had previously understood that requesting on-demand processing was interactive for submitting such a request but that actual servicing of the request was not; to use IA interactively, observers would have to download IA from the FSC to their own machine and use IA locally on their own equipment (which in turn puts requirements on IA software that might have to run in different environments/on different operating systems). This was confirmed by GP to be the baseline. However, should future growth of bandwidth allow this, remote and interactive on-demand data processing sessions using FSC computers could be envisaged.

- A requirement should be added to allow User Defined Functions to be applied in queries. At this time these functions cannot be defined more specifically; this must be captured in the elaboration of the use cases and the data model).

- Although this cannot be specified in all detail at this time, access will be required by specialists to data at a granularity finer than that of an observation, e.g. at the level of "measurements".

- Section 3.1.5.2 of FSC System URD: It was agreed that this section will remain as is and no specific, more detailed requirements are needed.

- It was agreed that it is an implementation decision whether documentation management and software configuration & change control are an integral part of the database (as described in the FINDAS URD) or resides outside (current FSCDT approach). The user requirement is that it must be possible to link any item (data, software, document) to any other item in a way which is transparent to the user who initiates a query.

- It was agreed that the FGSSE would be in charge of identifying those top-level FINDAS URD requirements which should be merged into the FSC System URD and to rephrase these requirements in such a way that they are generic and free of implementation specifications (as are the other requirements in the FSC System URD). To start off this extraction exercise, PACS will circulate their "destillation" on 11-Apr-00, as they are currently performing this exercise for ILT purposes already. All other teams would make comments or provide their own "destillation" in time for discussing and agreeing these requirements at the next FGSSE meeting on 20-Apr-00 in ESOC. As (co-author) of one of the inputs, E. Wiezorrek would attend this FGSSE meeting.

- As a consequence of this additional activity, bringing the FSC System URD to Issue 1.0 has to be delayed from 14-Apr-00 to end April. JRR commented that this delay might have an impact on readiness of the first consolidated use case model currently envisaged for end June.

TOP 2: Cleaning up the Action Item List

All currently open AIs were discussed and dispositioned; an updated list will be circulated separately.

TOP 3: Agreeing a mechanism to prevent the AI list from getting into such a desolate state again

It was agreed that

- Even though the AI list maintained by the FSCDT is incomplete in several respects (e.g. it does not contain actions from the FST meetings, nor from ICC commonality discussions), it should be maintained.

- In the future, all actions will be assigned a due date and their status will be reviewed at the appropriate meetings (e.g. FGSSE actions during FGSSE meetings). If on the due date of an action the action cannot be closed, the actionee sends an e-mail advising a new due date.

TOP 4: AOB

- The Project Scientist will not be able to comment on the SPMP before 25-Apr-00. As a result, Issue 1.0 of this document has been delayed to end April. Similarly, not all comments on the FSC Scenario Document that were announced have yet come in and comments cannot be processed before the last week in April, which delays Issue 1.0 of this document to end April as well.

  Action 100400/1: All ICC managers to provide comments they may have on the SPMP by 25-Apr-00.

- TGD reported that Neal Todd would attend the actor/use case kick-off meeting with ICCs as Sunil Sidher was not available on that day. Also, Rodney Warren-Smith (who made substantial contributions to the FINDAS system testing) will leave Rutherford Laboratories shortly.

- P. Roelfsema will attend the 17-Apr-00 meeting for HIFI. B. Vandenbussche and E. Wiezzorek will attend for PACS.

- P. Roelfsema announced that start of HIFI ILT activities is delayed from Summer 2001 to October 2001, which formally brings into schedule alignment availability of FSC v0.1 and start of ILT activities for all instruments.

- Because of Easter Monday and 1-May bank holiday, JRR will propose a date and agenda for the next teleconference via e-mail.

JRR, 12-Apr-00