

ICC Definition Team meeting – ICSTM – 24 May 2002

First a question of timescales: we have the July consortium meeting, but we are also supposed to meet with the instrument team (a workshop around the ILT) sometime in June.

We should have a meeting with the review panel before the end of June where we present our response to the review report (modified docs, answers...). That would place the meeting with the instrument team a week before that.

Points we need to address:

- We have software systems as actors in our document. Apparently this is not correct. So what do we do?
- Build a correlation matrix between the HCSS use-cases and the ICC ones, to make sure the connection is correct. Also see which use-cases are parallel between the two systems.
- How many levels of use-cases do we create and what is a summary-level use-case?
- How deep do we go in the use-case analysis of systems such as the QLA or the IA? Surely not down to the button pushing level, but the limit between use-case and software system design is not clear.

Management

What do we need? Milestones, and schedules mostly.

In the next twelve months, there will be AVM, CQM, and STM tests, all parts of ILT. So from this we should be able to see which functionalities of the ICC are required to exist in the next 12 months. What does this implies as far as work packages are concerned?

Listed below are those work-packages that need to be (partially) implemented for the ILT to proceed. Further analysis of their content will be done by the individuals listed after the work-package names. Remember to also indicate a prioritization tag (essential, desirable).

ICC continuous tasks [all]

Generation of instrument information

- Provision of instrument database (MIB) [at various levels]
- Definition of instrument observations [at some level]

Development activities

- Contribution to external development activities [HCSS activities]
- ICC design
- Provision of software infrastructure
- Interactive Analysis framework
- Quick Look Analysis
- Calibration analysis modules
- Support tools [at some level]
- Software development meetings

Training

- Training in use of HCSS systems
- Training in use of external systems

KK
SS

SG&MG

KK

Other training	
<u>ILT support [all]</u>	TL
<u>IST support</u>	TL
Provision of IST system (at some level?)	
<u>Calibration support [all]</u>	TL

All analyses have to be sent back to Ken, before mid-June. Note that Ken also needs by next Friday any correction on the inputs and outputs and costing of the work-package, to go in a new version of the SIP. A good idea would be to send the analysis of one work package to Ken ASAP, to check that this is actually what he needs.

Issues with the use-cases

Here is the list of big topics

- Sort out Actors/Software
- Hierarchy of use-cases
- QLA use-cases
- Scope for the use-cases
- New high-level use-cases
- Use-case/WP matrix
- Cross-correlation with the HCSS use-cases
- Relation between the ICC and HCSS versions

Actors/Software: A software system cannot appear in the actor list of the use-case if it is internal to the use-case being written. The software system can appear in the main success scenario.

We need to identify for each use case the primary actor.

Action on all: read and comment the actors document.

Hierarchy of use-cases: The idea is that from the set of summary level use-case you have a complete idea of the system. Summary level use-case show the business processes of the system. We would have three levels, (1) Summary level (e.g. such as presented at the review and some existing), (2) user-level use-cases, and (3) sub-functions use-cases.

Action on MS: do this re-casting into these categories.

New high-level use-cases: maybe the best solution is to first come up with a list of titles for these use-cases. People in charge of this brainstorming are: calibration:

Marc; ILT: **Sunil**; IA/Observing modes: **Matt**.

New user-level use-cases: this is mostly the QLA: **Tanya**. We also have a request to handle serendipity mode (if it exist): **Matt**.

Use-case scopes: rather than scopes, re-organize the use-cases along the lines proposed by Matt: use-case where actors interact with systems, those where actors interact with the outside world. This is an action on **Marc**.

Cross-correlation with HCSS use-case: **Matthew**.

Cross-correlation matrix between WP and UC: **Ken**.

Side notes:

- I should get the HCSS use-cases for ILT technical note (available on LiveLink).