

ICC Definition Team Meeting

4-5th October 2001

ICSTM SPIRE-ICS-MOM-000985

Present: Matt. Fox, Matthew Graham, Steve Guest, Tanya Lim, Christophe Morriset, Marc Sauvage, Sunil Sidher, Dave Clements

1. Minutes of last meeting

2. Actions carried over from previous meeting:

010425-03: Ken: to collect together all WPs and create a compliance matrix with Use Cases - [Still Open](#)

010518-05: Use case authors and reviewers (except Seb) to review use cases, extract work packages and cost them, due 25th May - [Still Open](#)

010620-02: Ken to convert URDxSIRD table into Access database - [Still Open](#)

010620-03: Sunil to write 'URs that are to be fulfilled externally' document (by 4th July) - [Still Open](#)

010718-01: Ken to provide a Plan for ICC communications- [Still Open](#)

010808-01: Ken to organise update to the Scenario Document- [Still Open](#)

3. Division of work packages between ICSTM and RAL staff.

MF and SG agreed that the non-database dependent software artefacts are suited to be developed at ICSTM (i.e. algorithms) and the software artefacts concerning database access is suited to be developed at RAL where the 'test' database is likely to be situated. The test database structure is necessarily identical to the HCSS-developed database structure.

4. Discussion on Database Location and Access.

It is not clear that a local database is needed at the ICC sites other than RAL (ICSTM, Saclay). Considering the low bit-rate the network connection may be transparent. Importantly there will be no other database development other than that through HCSS. It is envisaged that the test database at RAL will be incorporated into the main database (identical to HSC database) after launch. This will be addressed by the usecases which are being reviewed by SG.

5. Review of Summary-level Use Cases

UC-ENG010 - Simulate instrument behaviour.

Any reference to the 'Simulate Science Performance' was deleted and will be addressed by a separate use-case: UC-CAL060.

UC-CUS020 - Test, validate and verify observing modes.

This use-case is the precursor to UC-CUS011 (Update the CUS). Work packages have been added, including HCSS work packages.

UC-ICC150 – Retrieve artefact from the database

This use case is covered by HCSS usecase UCF-489 but will remain a part of the ICC usecases.

UC-ICC130 – Place an item into configuration control.

Referenced by many usecases.

UC-CAL060 – Simulate science performance

Spawned from UC-ENG010 (see above). Discussion about the scope of this simulator. Production of synthetic data at all stages; from packets (ideally) to fully reduced images of the sky. It was recognised that this was a large work package and needed by 2003. See notes in usecase.

6th October 2001 ICSTM MF, MG, CM, MS, DC, SS, TL, SG

UC-OTH010 – Interface for joint-ICC areas of commonality.

This usecase is expected to be initiated by HSC and not frequently used.

Revisited UC-CAL060 – Simulate science performance.

Produces IA-readable data frames from an input map of the sky. Incorporates all instrument/telescope characteristics.

6. Usecases to be reviewed by next meeting:

Actions on all present:

Steve – AIV030, ICC030, ICC040

Tanya – AIV040, CAL020, ENG020

Matt G - ICC050, FSC010, (CUS030 reviewed later at 8.)

Christophe – ICC060, ICC070

Matt F – ICC020, ICC080

Dave C - CON010, CON030, CON040

Sunil - AIV050, OBS020, OBS030

Marc - FSC020, ENG030

Ken (not present) - ICC090

Action : Send to Marc for the 5th Nov 2001 to be posted on the ftp site.

7. Reviewing UC-FTS200 – Detect and identify lines

Identifying the usecases that are common to FTS and PHT.

8. UC-CUS030 – Viewing schedules of the CUS.

9. Next meeting 7-8th November 2001 ICSTM.

