

ICC Definition Team Meeting

10-11th January 2002

ICSTM

SPIRE-ICS-MOM-001076

Present: Matt Fox, Tanya Lim, Christophe Morisset, Sunil Sidher, Steve Guest, Mat Page, Toshinobu Takagi, Ken King, Matthew Graham, Maohai Huang, Dave Clements.

1. 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 ICC Scenario Document- [Still Open](#)

2. Documentation in Preparation for Usecase Review end Jan/early Feb 02

KK identified the need to write an ICC operations scenarios document from the usecases and user-requirement documents (which are now almost complete). Also, the SIP needs updating which references the ICC operations scenarios document. The SIP requires updating to ensure that the ESA work packages (if any) are identified before the deadline 15th Feb 2002.

3. ICC Documentation

Configuration index within Livelink provides an accessible documentation tree for SPIRE ICC. It was agreed that the various SPIRE websites should point to the Herschel Livelink system for the important versioned documents and the ICC members should use the 'Other Documents' or 'Draft' folder for work-in-progress. The current ftp site (hosted at Sussex) will remain. There should be a single portal for SPIRE website (RAL) where components are hosted and maintained at the ICC sites.

4. Usecase Review

UC-FSC010 - 'Training in software tools' TITLE CHANGE to 'Training' - **issue**

UC-ICC050 – Maintain Computing environment. - **issue**

UC-ICC080 – Store an artefact locally in ICC database.

The Ground Segment Design Description (version 10/12/01) Section 3.2.1.9 contradicts parts of this usecase.

[Action 020110-01 M Fox – to consolidate this usecase into UC-ENG010.](#)

UC-AIV050 – superceded by UC-CUS010. This usecase is to be deleted form the summary list.

Overview of FTS usecases written by Christophe M.

UC-FTS1## are equivalent to UC-PHT1##
 New usecases, UC-FTS3##, are to be reviewed later.

5. Work Packages for QLA.

The RAL members of the ICC have drawn up a list workpackages from the current usecases and user requirements documents and incorporated the existing workpackages. These are listed in SPIRE ICC Work Packages Technical Note 1.01.

The high priority workpackages (AVM phase of QLA) were identified.

11th January 2002 – KK, MF, SS, SG, TL, TT, MH, CM, MG, DC, MP.

6. Discussion of Steve Guest's Work Packages for AVM phase of QLA.

The AVM phase is the most urgent and requires work packages allocation now.

- There is no allowance for the algorithm development.
- Parameter display may require the MIB to select and define the available parameter.

The workpackages were allocated according to the expertise of the IDT member and requirement of intimate knowledge of the instrument.

QLA Workpackage table drawn up by KK.

WP	Resource	Who
Requirements	6w	Tanya
System Analysis	9w	Steve
Framework	6w	Steve
Data Import/Export <i>Software to deal with QLA products as externally readable files(e.g. FITS, ASCII)</i> Data Storage to/from HCSS <i>Store and retrieve QLA products</i>	2w	Matthew G
Data Selection	2w to finish	Steve
Detector Selection Parameter Selection	5w	Matt F +Dave
Packet Display	1w	Maohai
Parameter Display Plotting (Time) Series	1w 2w	Maohai
Parameter Information <i>Software to provide information about a channel e.g. name, where in packets to find it etc</i>	2w	Toshinobu
Timeline Construction <i>Software to provide the data and time series for every channel</i>	4w	Steve
Engineering Simulator	4w	Saclay
Total	44W	

Action 020111-2 Matt F to write WPs for data reduction steps. Provide templates and examples for Mat P and Jason Stevens to write the WP associated with the photometer usecases they authored.

7. FTS Usecase review

Christophe M has identified the usecases that are already covered by UC-PHT###

There are several new usecase covering specific FTS reduction/analysis steps.

UC-FTS303

UC-FTS304 issue

The remaining UC-FTS### usecases will be reviewed by MP, MF, (SS, JS) off-line and will be discussed during a teleconference w/b 21st Jan 2002.

8. AOB:

KK will be in touch w/b 14th Jan 2002 with Matt Griffin and Walter Gear to assess whether the review should take place early Feb.

Provisional teleconference 30th Jan 2002 – to see how far we are with SIP, usecase consolidation and integration of remaining usecases, URDxUC cross correlation matrix, consolidation of URDs.

Next meeting provisionally 6 and 7th Feb 2002 ICSTM.