



SPIRE ICC
Monthly Progress Report
October-December 2002

Ref: SPIRE-RAL-REP-001478
Issue: 1.0
Date: 8th January 2003
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1. STAFFING

No changes.

2. MEETINGS AND THEIR CONCLUSIONS

Date	Location	Meeting	Comments
02-04 Oct	RAL	Visit of R.Zondag and C.Porrett	HCSS installation
07 Oct	IC	ICC team leaders and deputies meeting	Definition of Terms of Reference and Interfaces
22-24 Oct	Den Dolder	IA conclave	SPIRE participation S.Guest, T.Lim, M.Huang, R.Gastaud, M.Fox
14-15 Nov	ESTEC	Herschel Ground Segment Reviews	SPIRE participants K.King and S.Guest
02-06 Dec	IPAC	SG visit	Primary purpose to set up database replication between RAL & IPAC
12-Dec	IC	ICC software development team meeting #6	S.Ott attended from HSCDT
18-Dec	RAL	Visit of A.Bonfield	Setup of access control

3. ACTIVITIES

3.1 General

- EGSE integration.
- Preparation of ICC development schedule.
- User release of QLA 1.0.
- Refinement of QLA/AVM components.
- QLA/CQM components under development.
- Engineering simulator development. This simulator is being developed to support QLA testing.
- Production of MIB for DPU Acceptance test
- SPIRE SPR/SCR system now set up and running at ESTEC.
- Preparation for Scientific Ground Segment PDR
- Took delivery of the cryostat

3.2 Training

None this month.

3.3 HCSS activities

3.3.1 TC History/OOL

- Took delivery of updated Logica patch December 5th. Installed it on the SCOS-2000 Linux machine and carried out nominal testing. The output files were found to conform to the respective ICDs. Made this patch available to HIFI and PACS, including an untested Solaris version.
- Testing was then carried out on the TC History and OOL packages. An incompatibility problem between Linux and Solaris was discovered and fixed.
- SPRs 198, 199, 200 were raised as a result of HCSS system tests at MPE.



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3.3.2 Access

- Implementation of SCR-0122 (improvements to DataSelector) completed.
- Implementation of SPR-0142 (DataSelector bugs and improvements).
- Fixed reappearance of router caching bug.

3.3.3 IA Framework

- S.Guest, T.Lim, M.Huang, R.Gastaud, M.Fox participated in IA conclave.
- M.Graham and M.Huang attended IA-WG #8.
- M.Huang has implemented a prototype plotting framework based on VisAD.
- IA data access work package completed (overlaps with access above).

3.3.4 Data Frame Generator

No activity.

4. CRITICAL AREAS, CONCERNS, UPCOMING EVENTS

4.1 Critical Areas

- HCSS Acceptance testing (due week beginning January 13th).
- EGSE including HCSS reference system to be moved to Lab by end-January.
- DPU acceptance testing at IFSI week beginning February 17th.
- DPU delivery due week beginning February 24th.

4.2 Concerns

- Funding problems continue to make attendance at meetings extremely difficult.
- We have not yet been able to successfully run Test Control, which potentially might jeopardise the HCSS Acceptance test.
- There appears to be only a small window of opportunity to perform systems upgrades (SuSe, Versant, Java). This window is currently at the beginning of May.

4.3 Upcoming Events

Date	Location	Event	Comments
23 Jan	RAL	IA WG meeting #9	
05 Feb	RAL	ICC software development team meeting #7	

SG/SS, 8th January 2003