



**SPIRE ICC
Monthly Progress Report
January-February 2003**

Ref: SPIRE-RAL-REP-001552
Issue: 1.0
Date: 4th March 2003
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1. STAFFING

No changes.

2. MEETINGS AND THEIR CONCLUSIONS

Date	Location	Meeting	Comments
23 Jan	RAL	IA-WG #9	SG, MG, MH, HB present for SPIRE
24 Jan	RAL	IA JD preparation #1	SG, MG, MH present for SPIRE
05 Feb	RAL	ICC software development team meeting #7	S.Ott present for HSC
06 Feb	RAL	CSDT #16	SG, MG, MH present for SPIRE
25 Feb	RAL	ICC calibration team meeting #1	
26 Feb	MPE	IA-WG #10	SG, MG, MH present for SPIRE
27 Feb	MPE	IA JD preparation #2	SG, MG, MH present for SPIRE
03 Mar	ESTEC	HGSSE #22	SS represented SPIRE

3. ACTIVITIES

3.1 General

- EGSE integration.
- EGSE including HCSS reference system moved to Lab.
- ICC systems upgraded to Java 1.4.1 and Versant 6.0.5.
- SPIRE MIB updated and tagged as 0.3 for HCSS system test.
- MIB for the SPIRE Test Facility produced and imported into SCOS.
- Refinement of QLA/AVM components, preparation for User Release 1.1.
- QLA/CQM components under development.
- Continuing investigations into database replication.
- Work started on SPIRE calibration documentation.

3.2 Training

None this month.

3.3 HCSS activities

3.3.1 TC History/OOL

- SPRs 198,199,200 closed.
- The Logica patch produces OOL & TC History files that appear to be compliant with Herschel Ground Segment ICDs #3 & #5.
- Handling of manual TCs now consistent with SCR-0118/0119.
- SCOS-2000 2.3e (patch level 3) received from Serge Valera in January. Not yet installed on the SPIRE EGSE machine as HIFI have reported a problem using the Logica patch for retrieving OOL & TC History data. The problem has been reported to Serge.



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3.3.2 Access

- SCRs 0251 and 0262 raised and closed.
- DataSelector refactored to support reuse of code by IA shopping basket. This exercise will also make maintenance easier.
- Specific SID support now built into API but only implemented for router interface. Full implementation awaiting resolution of SCR-0255 on CCM.
- Support for user authentication added.

3.3.3 IA Framework

- Access enhancements to support framework development (see above).
- M.Huang has implemented a prototype plotting framework based on VisAD.
- M.Graham/H.Bright providing documentation support for Product/Process/Dataflow.
- Prototype adapter class written to make Product/Process fit better into GUI architectures.

3.3.4 Data Frame Generator

No activity.

4. CRITICAL AREAS, CONCERNS, UPCOMING EVENTS

4.1 Critical Areas

- DPU acceptance testing scheduled for week beginning 10th March at RAL has been delayed until April.
- HCSS Release 0.1.2 due sometime in March. Acceptance testing of 0.1.2 following delivery.
- QLA User Release 1.1 due March 7th.

4.2 Concerns

- Funding problems continue to make attendance at meetings extremely difficult.
- The acceptance test for HCSS 0.1.2 should take place in March, as April will be a very busy month because of the DPU Acceptance Test.
- As noted in section 3.3.1, there is a problem using the Logica patch with the latest version of SCOS.
- In some cases it is taking a worrying length of time to address high priority SPRs on the HCSS. Is the package deputy scheme working as it should?

4.3 Upcoming Events

Date	Location	Event	Comments
11 Mar	RAL	ICC software development team meeting #8	
?? Mar	RAL?	ICC meeting	To be arranged

SG/SS, 4th March 2003