



SPIRE ICC
Monthly Progress Report
March-April 2003

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1. STAFFING

Matthew Graham will be leaving the ICC for Caltech in June.

Maohai Huang will be leaving the ICC for Beijing in July.

Asier Aramburu will be joining the team at RAL in June as the Canadian contribution to the ICC.

2. MEETINGS AND THEIR CONCLUSIONS

Date	Location	Meeting	Comments
03 Mar	ESTEC	HGSSE#22	SS for SPIRE
11 Mar	RAL	ICC software development team meeting #8	
18 Mar	ESTEC	IA "Judgement Day" meeting	KK, SG for SPIRE
08 Apr	ESTEC	IA WG#11	SG, MG, MH for SPIRE
09-10 Apr	ESTEC	CSDT#17	SG, MG, MH for SPIRE
11 Apr	ESTEC	Post-CSDT splinters: SG/NdC JConsole MH/HS Plotting/VisAD SG/MG/JP/JP Persistency and IA usability of products	

3. ACTIVITIES

3.1 General

- The DRCU Simulator and the DPU were delivered to RAL.
- EGSE integration.
- OBS Acceptance Test performed 15-17 April. Twenty-eight SPRs were raised. Remainder of the test in progress.
- Acceptance Test of HCSS 0.1.2 partially performed, not completed due to various problems. Some of these problems have now been resolved and the tests are expected to be completed later this month.
- QLA/AVM 1.1 released
- Refinement of QLA/AVM components, preparation for User Release 1.2.
- QLA/CQM components under development.
- QLA data product definition.
- Continuing investigations into database replication.
- Definition of calibration tables and conversion curves.
- Sent the Logica patch source code to Serge Valera for rebuilding with the 2.3e P3 version of SCOS-2000. Serge has provided us with the Linux version, which we have forwarded to HIFI.

3.2 Training

None this month.



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3.3 HCSS activities

3.3.1 TC History/OOL

- Test harnesses added for TC History

3.3.2 Access

- SPR-0301: implemented, yet to close.
- SPR-0296: Javadoc corrections made
- Added scripts for the only “application” in access: RtaPlayback

3.3.3 IA Framework

- Framework for context-sensitive help, printing, image saving etc implemented and offered for common use.
- Prototypes of generic average process and savable product.
- M.Graham/H.Bright providing documentation support for Product/Process/Dataflow.

3.3.4 Data Frame Generator

No activity.

4. CRITICAL AREAS, CONCERNS, UPCOMING EVENTS

4.1 Critical Areas

- HCSS Release 0.1.2 acceptance testing still incomplete.
- Schema evolution is necessary as soon as data intended for saving are entered into the database. We are waiting for an update to the Data ICD before starting to do this. The new version of the ICD is expected in about a month’s time.

4.2 Concerns

- Funding problems continue to make attendance at meetings extremely difficult.
- The problems associated with HCSS 0.1.2 Acceptance Testing highlighted the chronic lack of a Release Note describing what was in the release and what had changed. There also does not appear to be any coherent means of identifying versions of packages within the HCSS, and which items of documentation are applicable to which version.
- Much IA framework functionality continues to lag behind when it is actually needed. Consequently we continue to have to prototype items ourselves, resulting in either loss of commonality or more work to retrofit it later.
- There is an issue with using the Logica patch with later versions of SCOS. At present we rely on the goodwill of Serge Valera.

4.3 Upcoming Events

Date	Location	Event	Comments
7 May	IC	ICC software development team meeting #9	
4-6 Jun	Seville	IA Conclave #2	



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12-13 Jun	Leuven	CSDT#18	
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SG/SS, 2nd May 2003