



**SPIRE ICC
Monthly Progress Report
September 2002**

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1. STAFFING

Helen Bright of Imperial College London has joined the ICC Software Development Team on a 50% basis. She will initially be working on the SPIRE QLA.

2. MEETINGS AND THEIR CONCLUSIONS

Date	Location	Meeting	Comments
17-Sep	RAL	ICC Software Development team meeting	
18-Sep	RAL	ICC definition team meeting	First Canadian involvement

3. ACTIVITIES

3.1 General

- Consolidation of ICC documentation and work packages following ICC Review.
- Preparation of ICC development schedule.
- Refinement of QLA/AVM components.
- QLA/CQM components now under development.
- Engineering simulator development. This simulator is being developed to support QLA testing.
- Generation of a MIB for CDMS simulator.
- Attendance at HGSSE#20, IAWG#6 and CSDT#15 meetings
- Installation and testing of SCOS-2000 and HCSS data server (Linux) machines
- Installation, setting up, and testing of SCOS-2000 2.3e with Serge Valera who visited RAL on 9th September

3.2 Training

None this month.

3.3 HCSS activities

3.3.1 TC History/OOL

- Installation of the updated Logica patch for reading OOL and TCH from SCOS-2000 2.3e and TOPE. This patch arrived at RAL 26th September. Some problems were encountered and solved.
- Testing revealed that the OOL files do not conform to the ICD. Moreover, the format of multi-byte integers is different between the two versions of the patch.
- TC and OOL ingestion is being modified in order to handle these files.

3.3.2 Access

- Partial implementation of SCR-0122 (improvements to DataSelector). Waiting to integrate Test Execution browser from PACS.
- Continued exercise of DataSelector in SPIRE QLA context. SPR-0142 has been raised as a result.



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3.3.3 IA Framework

- Attendance at IA workshop in Groningen.
- IA development activity is in the access area and is covered above.
- M.Graham and M.Huang are familiarising themselves with the Product/Process framework.

3.3.4 Data Frame Generator

No activity.

4. CRITICAL AREAS, CONCERNS, UPCOMING EVENTS

4.1 Critical Areas

- QLA-AVM Beta scheduled for October 7th. At this point SPR/SCR tracking needs to become more formal. We plan to initially use an installation of the SPR/SCR system at RAL. It is hoped that we will be able to use a "SPIRE ICC area" in the HSC system at a later date. QLA 1.0/AVM is scheduled for October 31st.
- Preparation for HCSS Acceptance testing (due 14th-18th October).
- AVM testing now scheduled to start late November / early December.

4.2 Concerns

- The implications of the new Versant licencing scheme as of version 6.0.5 are not yet fully understood. This version is the first to support Java 1.4 and Windows XP (migration to XP at RAL has already started though 2000 will be supported for the foreseeable future). Of particular concern is the potential impact on client deployment.
- The SCOS/Logica patch does not conform to the ICDs. We assume we will have to live with the delivered format for the time being.
- Database replication issues need to be better understood. In particular, will there be security problems in replicating between sites?

4.3 Upcoming Events

Date	Location	Event	Comments
02-04 Oct	RAL	Visit of R.Zondag and C.Porrett	
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

SG/SS, 3rd October 2002