SPIRE ICC
Monthly Progress Report
July/August 2002

Ref:	SPIRE-RAL-REP-001359
Issue:	1.0
Date:	4th September 2002
Page:	1 of 2

1. STAFFING

No changes.

2. MEETINGS AND THEIR CONCLUSIONS

Date	Location	Meeting	Comments
16-17 Jul	IFSI, Rome	SPIRE Consortium meeting	Strongly focused on the planned activities of the ICC
17 Jul	IFSI, Rome	SPIRE ICC Steering Group meeting	The conclusions of this meeting will be discussed at the next ICC development team meeting planned for later this month.

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.
- Preparation of a completed MIB to test S2K (v2.1.1e) with a rudimentary SPIRE data simulator.
- Preparation of an AVM MIB.
- Attendance at IAWG#4 meeting.
- Procurement of two machines for SCOS-2000 and HCSS data server. Installation of Linux on these two machines. Note that the QLA workstation will be procured at a later date.

3.2 Training

None this month.

3.3 HCSS activities

3.3.1 TC History/OOL

- Some testing was done against SCOS 2000 v2.1.1e (with the Logica patch) to verify the TCP/IP retrieval mechanism. Minor changes were required to the TC History ingestion code as a result.
- Time spent: ~0.5 days.

3.3.2 Access

- Major refactoring took place to make the interface more general and thus provide support for arbitrary "products".
- Known bugs in utilities were fixed.
- Added first support for observation "browsing".
- The router classes were reworked to make them compatible with the latest Router API.

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Page: 2 of 2

- The documentation was improved and expanded.
- SCR-0122 was raised to add more functionality to the Data Selector tool.
- Time spent: ~7 days.

3.3.3 IA Framework

- A version of the SPIRE QLA was produced that was working with the Product/Process framework. To avoid massive disruption, the existing interface for packets and accumulated data was retained unchanged – only the implementation was changed. This version has not yet been placed into CVS.
- The access package also provides framework support (see above).
- Time spent: ~2 days

3.3.4 Data Frame Generator

No activity.

4. CRITICAL AREAS, CONCERNS, UPCOMING EVENTS

4.1 Critical Areas

- Installation, configuration and testing of SCOS 2.3e. We expect Serge Valera to visit RAL and perform the installation on our new Linux machine early next week.
- Timely delivery (by September 13th) of the updated Logica patch for 2.3e is necessary in order to have any chance of meeting the current deadline for HCSS 0.1.1 with regard to TC History and OOL inclusion.
- Preparation for HCSS Acceptance testing (due 14th-18th October).
- AVM testing now scheduled to start late November / early December.

4.2 Concerns

- We encountered several problems when using our test MIB with SCOS 2.1.1e during late July and early August, which could not be resolved because of lack of support. Consequently the testing of OOL and TC History was incomplete.
- Given the current deadline (assuming September 20th), the schedule for inclusion of TC History and OOL into HCSS 0.1.1 is extremely tight.
- There is still no agreement on use of numerical and visualisation libraries, though this is now alleviated somewhat with the distribution of the draft IPAC report.

4.3 Upcoming Events

Date	Location	Event	Comments
TBD	TBD	ICC Definition team meeting	
TBD	TBD	ICC Software Development team meeting	

SG/SS, 4th September 2002