

SPIRE (IFSI)	Monthly Report –November 2002	Date: 16/12/2002
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Work Package: DPU

SPIRE-IFS-REP-001786

1. Subsystem Progress Since Project Inception		
2. Subsystem Progress This Month		
Software: Multiple hk_asking: completed , under testing, updating to new ICD; HS link communication task: new DRCU_SIM SW arrived on (11th dec '02): it seems that there are bugs; OBS under updating to new DRCU ICD; Multiple Non Real Time-VM and RT-VM: completed, test procedure started; TeleCommand execution: completed, interaction with HK's and VM's under testing Dynamic mem-management: completed, interaction with TC_exec task under test.		
3. Problem Areas	Remedial Action	
EEPROM boot procedure: performed many tests which seems to point to an HW problem High Speed serial link: we asked CGS to modify the HW in order to accept marginal timing on clock and sampling line	Under investigation in CGS	
4. Engineering Activities		
5. Design Changes		
6. PA/QA Activities		
7. Subsystem Management Issues		
8. Actions Requiring Immediate Attention		
None		
9. Status of Previous Actions		
10. Activities Yet to be Achieved		
11. Milestones	Status	
28/06/01	DRCU simulator at IFSI	Late - expected completion 30/2/02
15/6/01	CDMS (S/C I/F) at IFSI	Late - Proto SW arrived on 21/8/01
28/6/01	EGSE at IFSI	Late - SCOS 2000 arrived on 20/8/01
1/10/01	DPU-AVM Board at IFSI	Late - arrived on 15/04/02
2/4/02	DPU-AVM delivery to RAL	Late - new date 1/07/02
15/11/01	QM author. To proceed	Late - new date 15/02/02
22/4/02	DPU-QM Board at IFSI	On schedule
2/1/03	DPU-QM delivery to RAL	On schedule
20/12/02	FM author. To proceed	On schedule
15/9/03	DPU-FM Board at IFSI	On schedule
1/3/04	DPU-FM delivery to RAL	On schedule
24/2/04	FS ready for delivery	On schedule
13. Schedule Changes		
None		