Work Package:	Structure		SPIRE-MSS-REP-001206
1. Subsystem Pro	ogress Since Project Inceptio	on	
Several concepts evaluated for the structure. Base line design decided upon in June 2000. Working on the system implications and implementation since first half of 2001. Continuing to close interfaces with the various subsystems. Started with production drawings in February 2001. The concept of the suspension has been analysed and decided on implementation. Hardware produced and tested, meets specifications. 2. Subsystem Progress This Month			
Continuing design of the photometer 2K box. Closed out more subsystem interfaces, only thermal busbar, thermistors RF filters and SMEC open. Detailed design for MGSE nearly completed. DDR documents have been issued for DDR by the end of November. Reworked schedule due to latest shift in activities. MSSL design for thermal busbar has finished testing. Harness routings in progress. Receiving quotes for the manufacture of certain parts. Detail			
drawings of mirror mounts completed.			
3. Problem Areas		Remedial Action -Most interfaces are closed. The outstanding ones include the	
-Difficult to close if behind about 6 mor	nterface definitions, lagging nths now.	-Most interfaces are closed. The outstanding ones include in RF filters, JFETS and the SMEC.	
Also other subsystems have problems with them. - Thermal busbar suspension has strong non- linear responses		- Development team has been set up to redefine design. Concept designs have been chosen and vibration testing has been completed on MSSL low tension design.	
STM delivery scheduled for delivery early September 2002, which includes a margin of 1 month.		Revaluating work packages for suppliers to manufacture parts to reduce time scales.	
4. Engineering Activities			
Nothing special			
5. Design Changes			
6. PA/QA Activities			
DDR held on 29 & 30 November.			
7. Subsystem Management Issues			
8. Actions Requiring Immediate Attention			
Analyse the manufacturing timescales			
9. Status of Previous Actions			
- 40. Activities Vet to be Achieved			
<b>10. Activities Yet to be Achieved</b> Close the I/F with JPL for the RF filters only. Close out interface with SMEC. Define harness routing. Detail design drawings.			
siuwings.			
11. Milestones			Status
February 2001	Interfaces defined and reported		On going
<mark>13-09-2002</mark>	STM delivery to RAL		<mark>On schedule/1 month margin</mark>
01-02-2002	CQM FTB enclosure to RAL		On schedule
10-06-2003	PFM delivery to RAL PFM FTB enclosure to RAL		On schedule
01-10-2002 6-01-2004	FS delivery to RAL		On schedule
13. Schedule Changes			
Due to the closure of interfaces, we are lagging 1.5 months behind on orginial schedule.			