Work Package: Structure	SPIRE-MSS-REP-001791
1. Subsystem Progress Since Project Inception	
implications and implementation since first half of 20 Started with production drawings in February 2001 a	ne design decided upon in June 2000. Working on the system 001. Continuing to close interfaces with the various subsystems. and were finished in January 2003. The concept of the suspension Hardware produced and tested, meets specifications. Detailed inuing. The initial integration has started.
	urrently with the goldplaters. FEA of Busbar was completed and
the results have been presented at the delta DDR on 1 and will be completed in Early March. Optical Bench	14 February. Spectrometer 2K Detector box is still in production was completed in early February and is currently undergoing fit SL's workshop continues to finish all the smaller parts of the
3. Problem Areas	Remedial Action
<ul> <li>Also other subsystems have problems with them.</li> <li>Thermal busbar suspension has strong non- linear responses</li> <li>Level 1 thermal strap interface with spacecraft still has been confirmed</li> </ul>	<ul> <li>The busbar has been completed.</li> <li>Delta DDR was held on for 14 February. A report has been produced.</li> </ul>
Redesign of the Level 0 Thermal Straps	The thermal test of the 99.999% pure Aluminium wire is scheduled for End of March. The design of the alternative isolation joint will commence in mid March as well as the redesign of the Level 0 outer baffle.
Delivery date now 7 months late – due to loss of supplier for detector box and optical bench. Manufacturing problems with the optical bench have led to a 2 month delay.	Constant monitoring of manufacturing progress and preplanning of follow on activities with RAL to minimise impact on whole project.
4. Engineering Activities	
Redesign of the Level 0 straps and isolation joint for	rm results of the TMM.
5. Design Changes	
6. PA/QA Activities	
Preparation of End Item Data Package is still continuing	
7. Subsystem Management Issues	
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8. Actions Requiring Immediate Attention	act the structure to DAL
Trying to work progressively and methodological to generation of <b>9. Status of Previous Actions</b>	get the structure to KAL.
10. Activities Yet to be Achieved	
11. Milestones           February 2002         Interfaces defined and reported	Status Completed
13-08-2002Interfaces defined and reportedSTM delivery to RAL	now 7 months March 03
01-02-2002 CQM FTB enclosure to RAL	On schedule
10-06-2003PFM delivery to RAL01-10-2002PFM FTB enclosure to RAL	On schedule On schedule
6-01-2004 FS delivery to RAL	
13. Schedule Changes	
Due to liquidation of our main supplier and integratio	on problems, we are lagging 7 months behind on original