

Subject / Title:	CQM JFET Failure NRB	Document No:	SPIRE-RAL-MoM-002193	Date	3 Nov 04	Page 1 of 2
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Spacecraft / Project	Herschel / SPIRE	Meeting Place	Telecon ES Office
Instrument / Model	CQM	Subsystem	JFET

Participants		Agenda
<i>Print Name & Company</i>	<i>Signature Required</i>	
Chairman Eric Sawyer		Discussion of JFET failure Ref NCR No.HR-SP-RAL-NCR-087
Secretary Eric Clark		
<i>ESA</i> Gerry Crone		
<i>ESA</i> Pierre Olivier		
<i>ESA</i> Carsten Scharmberg		
<i>RAL</i> Doug Griffin		
<i>Company</i>		
<i>Company</i>		
<i>Company</i>		Additional Distribution Jim Newell JPL Marty Herman JPL SPIRE Project Office Judy Long)
<i>Company</i>		

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Action			Title & Description
No	Responsibility	Due Date	
			<p>The failure should be addressed in two phases.</p> <p>1 For CQM</p> <p>2 For longer term and PFM</p>
1	RAL	Before 16/11/04	<p>1 For CQM the agreed plan is to replace damaged JFET with spare from JPL.</p> <p>Carry out warm functional test.</p> <p>Deliver to Astrium on 16/11/04</p> <p>There will be no opportunity to do a cold test.</p>
2	RAL	By the DRB on 11/11/04	<p>2 For the longer term the following action is planned.</p> <p>Investigate the command logs and data files taken just before and during the time of failure.</p> <p>Conduct tests to check for voltage spikes etc when dummy loads are powered by the warm electronics following the procedures used during the failure.</p>
3	JPL	19/11/04	JPL to carry out investigations on the failed unit which has been returned to JPL