

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		<p>Discussion of JFET failure Ref NCR No.HR-SP-RAL-NCR-087</p> <p>Up issued to include e-mail comments from Pierre Olivier : "Please can you up-date these minutes as you forgot the part concerning calling an NRB with JPL to agree on investigation plan before it is executed. (the visual inspection on receipt by JPL is obviously agreed)"</p> <p>It should be noted however that this update had not been done prior to the Last due date of the Actions.</p>
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>		<p>Additional Distribution Jim Newell JPL Marty Herman JPL SPIRE Project Office Judy Long)</p>
<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