

<b>TRR MoM</b>	<b>Date:</b> 15 <sup>th</sup> Dec 2003	<b>NUMBER</b>	<b>SPIRE-RAL-MOM-001902</b>
----------------	--	---------------	-----------------------------

<b>Spacecraft / Project</b>	HERSCHEL
<b>Instrument / Model</b>	<i>SPIRE / CQM</i>
<b>Sub System / Serial No.</b>	

<b>Type of Test</b>	<i>FPU Cold Verification</i>
<b>AIV Facility Test No.</b>	<i>TBD</i>
<b>Date(s) of Testing</b>	<i>2 Jan 2004</i>
<b>Applicable Test Specification (Document No. &amp; Issue)</b>	<i>SPIRE RAL DOC 1888 cold thermal verification master test procedure</i>
<b>Applicable Test Procedure (Document No. &amp; Issue)</b>	<i>AS ABOVE BEFORE TEST 0.1 TO BE UP ISSUED</i>

<b>Assignment of Personnel</b>		
<b>Function</b>	<b>Name</b>	<b>Contact number</b>
Test Director	DAVE SMITH	LIST IN AIV LAB
Project Manager	ERIC SAWYER	LIST IN AIV LAB
AIV Facility Manager	DAVE SMITH	LIST IN AIV LAB
Safety Officer	DAVE SMITH	LIST IN AIV LAB
Product Assurance	Dave Kelsh Eric Clark	LIST IN AIV LAB

<b>Documentation / Inspection Status</b>	
<u>Test Documentation available:</u> <ul style="list-style-type: none"> <li>AIV Facility Test Plan (if applicable?)</li> <li>Verification Procedures</li> </ul>	CRYO TEST PROCEDURE DAVE SMITH TO SUPPLY OFF LINE Harness x talk check to be updated harness integration to be marked up  Bruce ran through the verification to be completed Verification matrix
<u>Inspection Status and Records:</u> <ul style="list-style-type: none"> <li>Cleanliness</li> <li>Unit/Item Bagged</li> <li>Screws Locked</li> <li>Connector Savers</li> <li>Hazards Identified</li> <li>Other</li> </ul>	FPU bagged covers still on Particle counts TBD before test  See above  FET BOXES ok some items are still open to be checked before start of test  NOT FITTED  See Procedure SPIR RAL DOC 1888

TRR MoM

Date: 15<sup>th</sup> Dec 2003

NUMBER

SPIRE-RAL-MOM-001902

**CONTINUATION SHEET**

<b>As Built Status</b> (Will the following have an impact on the test performance / results?)	
Outstanding "NCR's"	NCR 41.1 OPEN mains filter to be connected to pump 13 use as is CEA NCRs to be reviewed before delta trr delta 19 dec with Bruce / Dave Eric
Outstanding "Waiver's"	
"Open Work"	Disconnect harnesses Complete warm functional test return to G56 Fit cooler Temperature harness Fit level nought straps Fit ND filters to black body Potting harness, fitting harness to cryostat, Alignment of telescope sim. Final verification test to be completed on tel sim. Purge tel sim. Up load calibration curves, GSE thermometry harness to be re routed Terminate ground wires to BDA
Other	Dave Smith to produce a schedule for cover over Christmas.  Sunil ran through the status of tests MCU test has inrush current problem NCR to be raise <b>Check CEA NCRs there may be one raised</b> <b>NCR to be raised against warm functional test Sunil to do.</b>

**HARDWARE COMMENTS/ OBSERVATIONS:**

<b>Decision for test continuation</b>		
Company	Name	Signature
RAL	Ken King	
RAL	Eric Sawyer	
RAL	Bruce Swinyard	
RAL	Eric Clark	