

**10:30 Monday 20th Jan 03**

Note new format – high priority to dos are RED

**Thermal.**

Detector information has been sent to JPL, some confirmation is expected.  
Control config document to be worked on this week, also the 300mK strap design.  
Study the effect of reducing the thermal conductivity of the feet by a factor 4.  
Model already sent to Astrium.  
Feedback from Astrium awaited.  
Some iteration with Astrium will be required,  
The design of the Astrium cones is still changing.  
The proposal is to investigate a solid aluminium feed thorough in the cooler strap baffle.  
A test to characterise the flex strap interface under flight like conditions may be required.  
Model verification required on the STM, Anneso to talk to Dave.

**Finance.**

Meeting planned for 14 Feb.

**Schedule.**

We are assuming the full STM programme is followed.

**Meetings.**

SPIRE will not attend the next AIV meeting. TBD, format may change to become more attractive.  
EGSE meeting with ESA/Alcatel has been postponed. No update. Bruce to chase.  
Date for next EMC meeting, 20 February. RAL to support.  
Next PA meeting to be at RAL, probably in March.  
300mK strap delta DDR 14/2/03

**PA**

Nothing new

**NCR/ECR/RFW**

List of open NCR/ECR/RFW to be circulated by Eric C.  
PAD for Cernox temperature sensor 1030 is no longer required.  
Parts can now be ordered.  
Doug is designing a mount for the 1030.

**Documentation.**

IID-B –has been sent to Glenn. No response yet, Astrium has sent comments to Glenn.  
Many draft documents still exist. These need to be under configuration control, Eric C to chase.

EIDP to be put on Q drive in separate folders for each subsystem, i.e. Q:\PA\EIDP\Subsystem\Model. A copy of the TOC to be on Livelink.

### **Harness.**

Meeting with Tecdata planned for 21/1/03.  
Still waiting for confirmation from JPL.  
Test harness - changes to be implemented.  
BDA harness testing is being assessed by Dave, a response will then be sent to JPL.  
Rework of test harness to allow ground isolation test is planned.  
Internal harnesses have started, they need a solid model. Doug is progressing this.  
JPL have been asked for a step file for the JFETS, we also need one for the BDA, Doug to re-ask JPL for these files.  
Tecdata have received the order for the cryo harness rework (warm side).  
New rework has been agreed and carries no extra charge.  
All testing complete but test data not yet available.  
Cold harness delivery required now.  
Harness to be tested after installation using shorting plugs in the DRCU end.  
Thermal harness (external) required for STM.

### **AIV.**

We still have a problem with the pumping. Dave investigating.  
Cardiff will supply ICD for black body.  
List of delivery dates for Cardiff equipment has been sent by Dave. An update will be sent from Eric to Ian.  
Alan Pearce has assembled JFET racks, John to finish bonding and send to JPL starting this week.  
There is no plan to test the FPU with the electronics in the cleanroom as the Cryoharness is required.  
EGSE will be set up in the control room.

### **Subsystems.**

Structure	Optics bench not yet finished, not alocromed yet. Confirm inspection points, Dave. Doug will chase FPU subsystems for mass updates. Bruce to chase Pete on blacking.
JFET Racks	See above, not sent to JPL yet needed for harness jig.
Mirrors.	Bruce to check on mirror size error is ok cold – it is OK. NCR can be closed. Surface finish is not as good as hoped for optical alignment, NCR expected. Test shows its ok Acceptance of mirrors to be carried out at RAL.
SMEC	No update
DRCU	Telecon planned for 24 <sup>th</sup> Jan. Response to questions received from CEA. MCU commanding has been reviewed.

DPU	Start up problem, have been resolved. JD to confirm with Alcatel.
BDA	Telecon on vibration levels on Tuesday.
BSM	Some re-jigging of the ATC model programme is continuing. Cold testing with 300mK parts planned for 3 Feb.
Cooler	Meeting to discuss vibration results (MRB) is favoured, Lionel to arrange. ECS to press A general meeting on Kevlar is planned. Alignment of light baffles to addressed, not strictly a cooler issue. Doug to discuss with MSSSL.
300mK straps	MRB held to discuss failure of light baffle in vibration. Delta DDR planned for 14/2/03 at MSSSL. Details to be finalised by Cardiff.
Calibrators	PCAL cold vibe test o.k. – SCAL cold test planned early Feb.
Filters	Need date for cryostat filters is mid April CFIL1 filters, same delivery date. Cold black body structure required mid April Supply Pete and Ian with need by dates. New samples of black being produced by Cardiff, Eric to discuss with Pete.
Simulators.	Example Calibration curves have been received from LAM for the DRCU simulator. FPU simulator – see CEA monthly report – they are ploughing on.
Temperature sensors	No progress to report. PADDs for 1030s not needed.
Cryostat	see above.
EGSE	Acceptance test of HCSS planned for next week, new operating system to be installed. TCS software acceptance to be planned. Lakeshore unit to be returned from Cardiff.
OGSE	Delivered to RAL. LAM to set up 22/1/03

**Priorities/Activities**

Bruce	
Anne-Sophie	
John	
Eric C	
Eric S	
Doug	
Dave	
Ken	
Matt	

AOB

Next team meeting 30/1/03 TBD, ½ day meeting  
IHDR review planning

HSTM soon, inputs required.

MTD quote is progressing.