

## **Meeting of Integration and AIV Planning Team at MSSL Thursday 1 August 2002**

Present

Chris Brockley-Blatt MSSL  
Eric Sawyer Rutherford Appleton Laboratory

### **Discussions**

This was the second meeting of the Integration and AIV Planning Team. Dave Smith was unable to attend as he was on leave.

### **Minutes of last meeting**

The minutes of last meeting were deemed acceptable and the status of the actions is given in the table below.

### **MSSL Schedule**

The plan is for the Optical Bench design to be finished by and released on 2 August 2002 is still on track.

### **Delivery Dates**

The current delivery date for parts to RAL for MSSL is 7 October 2002 for cleaning and baked out before final assembly, still holds. The Cardiff black still needs to be applied but unsure of when; definitely before bake out but before cleaning? This needs to be discussed at a meeting proposed for September on Cardiff Black, after the qualification testing of the black.

### **MGSE**

Both MSSL and RAL require the HOB simulator at the same time. It was reiterated that RAL will need to order a second HOB simulator to ensure that there is no delay to the current schedule (**ACTION 3**).

RAL to check the height of the test area, as there was concern expressed about the height of the lifting equipment as designed by MSSL (**ACTION 4**).

Who makes the Vibration plate? ES and CBB to check (**ACTION 11**)

It looks like that the JFETs will have to be lifted at the same time as the main FPU during space craft integration. Need to produce a design for JFET lifting gear with the FPU – this needs to be discussed with BW when he gets back.

### **Schedule**

RAL have re-planned their activities. ES to send CBB a copy (**ACTION 10**) .

MSSL will start trial integration in mid August. 300mK busbar supports are due to MSSL at the start of September, so final integration cannot start until after these have arrived and been tested.

## LAM

LAM has requested that there should be an optical cube at the telescope axis during alignment. This would mean a plate bolted to the feet of the instrument that has the cube mounted to it. It is proposed that this should be light and only be used as an alignment tool. MSSL need to review this when BW gets back.

## Lubrication

To be discussed at next meeting.

## Next Meeting

Next meeting is scheduled for Thursday 15 August 2002 at RAL.

## Actions

Action Number	Name and Description	Owner	Date Raised	Progress	Deadline
1	Check with Peter Hargrave when will the dichroic filters be ready and when will thickness be available.	CBB	18 July 2002	Post meeting – Pete emailed on 19 July to say that the CQM filter were scheduled for 15 October but he could let MSSL have thickness before mid September	19 July 2002 <b>CLOSED</b>
2	Contact the subsystems and request realistic delivery dates	ES	18 July 2002	Dave has supplied to Eric required delivery dates by which the subsystems must deliver by. Eric will send these out	15 August 2002
3	Order a second Hob Simulator	DS	18 July 2002		15 August 2002
4	Check the height of the test facility.	DS	18 July 2002		15 August 2002
5	Check the number of sets of MGSE that will be delivered to RAL.	CBB	18 July 2002	Post meeting - Only one set will be delivered	19 July 2002 <b>CLOSED</b>
6	Revise the	DS	18		1 August

	integration and AIV plan for STM and CQM to get realistic dates for activities		July 2002		2002 <b>CLOSED</b>
7	Plan out which parts of the structure are getting cleaned and baked out where.	CBB	18 July 2002	Post Meeting - Current listing is available.	26 July 2002 <b>CLOSED</b>
8	Quote for the use of the RAL clean and bake out facilities	ES	18 July 2002	Quote was submitted to MSSL	16 August 2002 <b>CLOSED</b>
9	Chase Bruce Swinyard and Tony Richards for details of where the blacking goes on the structure	CBB	18 July 2002	Tony has sent a list to MSSL and Cardiff of required areas. CBB proposed a meeting in September for all parties to discuss the practicalities.	1 August 2002 <b>CLOSED</b>
10	Send CBB a copy of subsystem delivery dates and integration plan	ES	1 August 2002		15 August 2002
11	Check who is contracted to make the vibration plate. MSSL or RAL?	ES/CBB	1 August 2002		15 August 2002