

Meeting of Integration and AIV Planning Team at RAL Thursday 15 August 2002

Present

Chris Brockley-Blatt MSSL
Eric Sawyer Rutherford Appleton Laboratory
Dave Smith Rutherford Appleton Laboratory

Discussions

This was the third meeting of the Integration and AIV Planning Team.

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 Optical Bench will be released on Friday 16 August 2002.

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 on Cardiff Black which was arranged during the meeting for Tuesday 20 August at MSSL.

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**).

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. (**ACTION 12**)

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.

Lubrication

Eric and Dave reviewed the properties of Apezion AP100 and determined that this was acceptable. To ensure cleanliness, a procedure will have to be followed which will form part of the MSSL integration plan.

Integration

RAL have a jib crane and is now in the SPIRE test facility.

MSSL to list what we need for the integration at RAL as tools and clean room equipment can be provided. (**ACTION 13**).

RAL need a procedure for the vibration testing. MSSL to provide?

Next Meeting

Next meeting is scheduled for Thursday 28 August 2002 at MSSL.

Actions

Action Number	Name and Description	Owner	Date Raised	Progress	Deadline
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	29 August 2002
3	Order a second Hob Simulator	DS	18 July 2002	There will be a second HOB simulator.	15 August 2002 CLOSED
4	Check the height of the test facility.	DS	18 July 2002	The height of the test facility is not the determining factor as the height of the clean room is lower. This was estimated at the meeting to be 2m.	15 August 2002 CLOSED
10	Send CBB a copy of subsystem delivery dates and itegration plan	ES	1 August 2002		28 August 2002
11	Check who is contracted to make the vibration plate. MSSL or RAL?	ES/CBB	1 August 2002		28 August 2002

12	Discuss with BW about JFET lifting and LAM request for plate on FPU feet for a HOR	CBB	15 August 2002		28 August 2002
13	MSSL to list what tools and clean room equipment is needed	CBB	15 August 2002		28 August 2002
14	MSSL to provide vibration test procedure?	CBB	15 August 2002		28 August 2002