

**Notes on project managers teleconference
19/11/2001**

SPIRE-RAL-MOM-001014

Chair: Eric Sawyer

Present:

Lionel Duband	X
Ben Parvin	
Berend Winter	
Chris Brockley-Blatt	X
Matt Griffin	X
Peter Hargrave	
Jerry Lilienthal	X
Joe Taylor	
Ian Pain	
Don Peterson	
Bruce Swinyard	X
Ken King	
Dominique Pouliquen	
Gary Parks	
Jean-Louis Auguerres	
Doug Griffin	
Dave Smith	X
Eric Clark	
John Delderfield	
Didier Ferrrand	
Riccardo Cerulli-Irelli	X
Renato Orfei	
Brian Stobie	

General

HST meeting, Funding problem in US, could impact Plank and SPIRE.

To be compatible with the system level CQM requirements we need to build the CQM to the standard proposed by the SPIRE consortium.

DDR preparations are ongoing. A note will be issued specifying Subsystem inputs.

Subsystem reports

IFSI (Riccardo) – DPU

Interface boards delivered form CG and under test.

CEA Grenoble (Lionel) – Cooler

Note on Kevlar to be issued tomorrow.

All parts in and verified.

EB welding next week.

Further tests on fatigue life of Kevlar, 100,000 cycles complete.

Analysis has shown that Silicon is present on the surface of the Kevlar.

CQM will not be built to the same clean standards as the FM.

RAL to specify witness mirror.

USK. (Joe) - Shutter

Not present

Cardiff. (Peter) Filters, calibrators

Not present, sent this report

Got the re-furbished 300mK strap test dewar (ex. BACUS) to 4K last Sunday, only to find a Helium leak - all Helium boiled off within 2 Hrs!

Found leak was at the interface between the stainless steel LHe fill pipes and the top of the Al Helium tank. Spent all this week dismantling dewar, repairing (hopefully) the leak, & re-building. We are closing up the dewar this afternoon, with the experiment in place, and will leak check it tonight. If all's well, I'll leave it on the pump over the weekend, and Iris will pre-cool and further leak check on Monday.

I've also put a heater and thermometer on the heat exchanger of the first fridge, & intend to troubleshoot the fridge in parallel next week.

I have some components now which will be used to simulate the cooler and BDA strap interfaces. These will go into the dewar mid next week if all goes well.

The Cardiff loo-rolls are in manufacture, as are the 300mK filter clamps.

All DDR documents have been checked, and errors corrected, ready to be sent to Judy for livelinking. ICDs will follow ASAP.

ATC (Ian) - BSM

Not present

JPL (Jerry) - Detectors

Report on Kevlar available and will be sent to RAL.

Component level qual testing added to development plan.

On schedule for manufacture, first components due in one week

Bolometer manufacture started, pin holes in Si nitride layer, had to be stripped and re coated.

Budget problems are being assessed, some reduction achieved. Some optical testing reduced, reduced spares etc. No effect on deliverables.

No agreement on extra boards to be delivered to CEA.

Note on JFET interface to be issued by RAL.

MSSL (Chris) – Structure

RF filter interface completed.
Filter mounts complete.
Dichroic mounts released for manufacture.
Agenda for DDR issued.
Docs to be released by Thursday.

LAM. (Didier) - Mirrors, SMEC
Not present

SAP (Jean-Louis) - DRCU
Not present

RAL, (Dave) - AIT
Test plans outstanding from most subsystems. Integration procedures required from subsystems.

No.	Action	Who	Due date	Response/Comment	Status
010326-07	Issue an updated shutter SSSD	Don	31/7/01	This will be produced after the review next week (DDR).	Open
010509-10	Provide draft of an instrument operations document	Sunil	30/6/01	Status not known	Open
010509-12	Specify date of the DRCU Simulator DDR	Goran	19/5/01		Open
010530-01	Clarify whether an MCU-BSM ICD is available or planned to be written	Dominique	15/6/01	Planned to be complete by 31/7/01	Open
AI-MAN-0753-03	Review cost of cold vibration tests	Eric S	20/7/01	ongoing	Open
AI-MAN-0820-01	Ensure progress reports are sent to RAL (Eric Sawyer) each month.	ALL	Monthly	Thank you to those PMs who did send a report	open
AI-MAN-0820-02	Confirm that Dates listed in the major milestone list are acceptable	All	ASAP		open
AI-MAN-0865-01	RAL to specify., what surface finish is required, for the STM, BSM .	Dave Smith	30/9/01		open
AI-MAN-0865-02	Confirm to JPl proposed return date of CQM BDA.	ECS	30/9/01		open