

**Notes on project managers teleconference
29/04/02**

SPIRE-RAL-MOM-001261

Chair: Ken King

Present:

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

General

Detector Summit held at JPL – minutes available
Instrument Simulator discussion held at ESOC

Subsystem reports

IFSI (Riccardo) – DPU

- Not present

CEA Grenoble (Lionel) – Cooler

- Problem with subcontractor led to failure on 2 of 4 heat switches during braising – agreed that the subcontractor will replace the 2 failures. Different subcontractor will provide future switches. SBT will qualify switches from new manufacturer if necessary
- All structures for coolers are at SBT - STM Cooler has been pressure tested
- Will use old switches to test thermal properties of this cooler, should have real switches after this
- Vibration test of STM coolers at end May – beginning of June
- Algorithm for cooler control remains as in Lionel's note.

USK. (Victor) - Shutter

- ComDev shipped a sample vane to Cardiff last week
- CSA have given ComDev an time extension to complete the work
- Decision on further funding will be made after S/C PDR.

Cardiff. (Peter) Filters, calibrators

- Updated Cardiff schedule available – new deliveries dates to ATC agreed
- PCAL – modelling should allow finishing of design in next two weeks
- SCAL – should get parts in next few days
- Shutter Vane received from ComDev and will be used for qualification of 'QMW Black' as it is a large area to be coated. Vibration test mount is in manufacture - should be available in two weeks
- Cardiff have manufactured two sets of filters for BODAC, but JPL are only using one BODAC now. So Cardiff will only send one set. Light baffles have also been manufactured – will be sent in a few days
- Set of 300mK filters were sent to JPL some time ago with a request for comments on the mount design – nothing received, so assumption is that the design is OK.
- Dates for 300mK filters have been specified by Cardiff – Jerry to say if these fit in with JPL schedule
- STM Filters and CQM 300mK filters now in manufacture.
- Interfaces for 300mK straps now more-or-less agreed. There will be a meeting at Cardiff of tiger team on 1st May to discuss outstanding design and plan for the DDR to be held in ~two weeks.
- AIV – testing and cleaning of stepper motors for use in fold mirror is ongoing
- Filters for cryostat have been ordered. There is a problem with the 77K filter as it is too big for the usual supplier. Cardiff are looking for new supplier.

ATC (Ian) - BSM

Not Present

JPL (Jerry) - Detectors

- Detector Summit was held last week
- Currently assembling 2nd and 3rd units so will have 3 available by the middle of May.
- Analysis of fatigue life has been made and looks to be sufficient

- JFET membranes still in test
- Harness – minutes of telecon needed - Chris will send her notes
- Doug asked for a sample of 10 m of 12-ax cable

MSSL (Chris) – Structure

- Finishing detail design of optical bench – in particular photometer box and SCAL box
- Outer covers are being pocketed
- Optical bench will be manufactured in 2 weeks
- Integration (fit check) starts early June (and July) at MSSL. In August the parts will be sent to RAL for cleaning. Reassembly will take place in September
- Routing of internal harnesses should be out in couple of weeks
- Outstanding item is the thermal bussbar – will be discussed at 300mk tiger team meeting
- Chris and Berend will be away 10-31st May – John Coker will be point of contact for this time

LAM. (Dominique) - Mirrors, SMEC
Not present

SAP (Jean-Louis) - DRCU
Not present

RAL, (Dave) - AIT
Not present

No.	Action	Who	Due date	Response/Comment	Status