

**Notes on project managers teleconference  
01/07/02**

**SPIRE-RAL-MOM-001319**

Chair: Douglas Griffin

Present:

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

**General**

300-mK Strap System DDR confirmed to be 10 July 2002 at Cardiff.

**Subsystem reports**

**Cardiff. (Peter)**

- Peter introduced Ian Walker who is going to be the Cardiff SPIRE Project Manager.

### **Filters**

- About to send off the CQM PLW filter stack c/w mounts
  - Currently in thermal (cryogenic cycling) and optical qualification
- The JPL/Cardiff Rec/dels have been agreed via email.
  - Needs to be signed off in the business agreement
- Have received the quote back on the SLW filter stack lens

### **S-Cal**

- Have received all the fasteners for the CQM/STM S-Cal
- Iris is currently carrying out the “Cardiff Black” qualification programme. This is based on the PACS qual. Programme. In summary, black is applied to 12 non-aluchromed surfaces and 12 aluchromed surfaces then they all go under thermal cycling, warm vibe, adhesion and outgassing tests.
- AI # 1 – Firmly established requirements on the location of “Cardiff black” need to be generated. It is strongly suggested that it be applied to bolt-on plates. This avoids the possibility of spillage onto other surfaces of SPIRE during the application of the epoxy.

### **P-Cal**

- Tweaks of the design of P-Cal have finished
- The latest iteration of the P-Cal design has been passed on to Jeff Beeman for comment. A response is expected in a week or two.

### **ATC (Ian) - BSM**

- Received Gold plated components
- Flex harnesses between the BSM structure and the BSM mirror will be received in September. (From Tayco) Until then, thin wires will be used.
- Currently testing the batch variation of the position sensors and tuning the ADC system with LAM to get a working system. Brian Stobie will be having a meeting with LAM soon to finalise this
- C-Flex (suppliers of the Be/Cu Flex pivots) will be visiting ATC. Ian is intending to find out about the C-Flex in-house acceptance testing of the pivots; especially in regard to the fillet radius of the blades brazed into the rest of the pivot.

### **MSSL (Chris) – Structure**

- Urgently working through the final details of the SOB. (fillet radii etc.) No SOB interface sensitive issues open.
- Drawings are coming out on the subsystem harnesses
- 300-mK Strap System DDR documentation in progress (Note: DDR Date is 10 July)
- Spect. Det. Box spine has been received
- SMEC harness position open
- Currently evaluating JDs input on the position of the BDA/JFET harness routing
- ICD due out before the end of July.

