

**Notes on project managers teleconference
24 June 2002**

SPIRE-RAL-MOM-001320

Chair: Bruce Swinyard

Present:

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

General

Matt reports that the decision to implement the CTA for both PFM and EQM means the shutter will definitely go. CSA work-package will be redefined – will include test FTS

Action BMS to define need date for test FTS

Matt – funding meeting at Estec. Big problem with HIFI schedule – overall schedule for PFM will not change – we will be pressurised to keep to the IBDR delivery dates.

ESA will pay for the central parts procurement. This does not alleviate problems with funding in Germany and the U.K..

Subsystem reports

IFSI (Riccardo) – DPU

Not present

CEA Grenoble (Lionel) – Cooler

Extra problem with Kevlar after thermal cycling – apparent loss of tension after cycling from RT to nitrogen to RT to nitrogen. Accelerated creep? Young's modulus and ultimate strength not affected.

Dustin will be doing some similar tests at JPL.

STM cold testing can go ahead – STM now available – cold facility availability to be confirmed – August.

Sub-contractor for brazing has been changed and new one is doing some tests – aerospace approved.

USK (Jo.) - Shutter

Present but no report.

Cardiff. (Peter) Filters, calibrators

Spectro-lens Pete will draw up an ICD for this item.

Bodac filters will be ready in two weeks – ND filter is holding item.

CQM 300 mK filters – filter hardware should be at JPL within a few weeks

Changes to commanding interface for the calibrators – ECR will be raised

300 mK parts for the STM/CQM will be put into manufacture this week

Cardiff black – send samples to Estec for outgas test.

Note: PACS Nextel suede failed its outgas test.

AIV stuff – Burger-Lar stepper motors will be used. Thermometer calibration will be done at QMW.

ATC (Ian) - BSM

DM parts are in and plating – problems with original mirror – re-make now done.

Discussion with LAM on wiring.

Instrument harness – Doug is pursuing getting quotes from Tekdata

PCAL wiring for the STM? Hopefully is the response from Pete.

JPL (Jerry) - Detectors

Most pressing issue is BDA suspended section shifted during cold test (100 K) – shifted during last test – but it has been through a lot of testing. Could be that the

cold finger bolted onto the unit was too stiff. May also be possible the large number of test cycles has caused a problem with the flexures.

Need a waiver for the thermal dissipation on the CQM JFETs – BMS to send out official form for RFW.

MSSL (Chris) – Structure

2-K photometer box has been manufactured.

300 mK definition now complete – manufacturing drawings to be prepared – DDR on 10 July 2002

Harness layout done

Optical bench will go to manufacture Wednesday – main parts

Main points for JPL are TC interface; BDA strap interface and harness interface.

LAM. (Dominique) - Mirrors, SMEC

Not present

SAP (Jean-Louis) - DRCU

Not present

RAL (Dave) - AIT

BMS reported that the vacuum vessel is complete

Glennair have made a mistake on the connectors which may have knock on effects of the test harness delivery.

