

**Notes on project managers teleconference
11 July 2001**

SPIRE-RAL-MOM-000753

Chair: Eric Sawyer

Present: Joe Taylor
Ian Pain
Doug Griffin
Dave Smith
Eric Clark
Don Peterson
Jerry Lilienthal
Berend Winter
Dominique Pouliquen
Gary Parks
Jean-Louis Auguerres
Peter Hargrave

Review of Actions:.

See table

Subsystem reports

USK

Shutter design review next week.
Launch lock position indicator to be discussed.
Examples of microswitches requested by USK.
Doug to check requirements with Alcatel before the DDR.

ATC

An ICD harness to warm electronics board is required, but not likely to be available before the DDR.
A visit by LAM to ATC before the DDR is desirable, but likely to be only just before.
To use common flex pivots would require a redesign by of the BSM, plus more power. There may be a cost benefit, LAM to investigate.

JPL

A cold vibration on the BDA has been completed, some shift in frequency but within spec.
Input levels at IIDB level not predicted subsystem level. Report to follow in two weeks, JPL will send preliminary data to MSSL.
New thermal analysis of JFET membrane shows no problems, previous model had an error and this is now a better model.
MOU between JPL and SAP is available , comments requested from JPL.
Cryo harness spec, issues still outstanding, also tests not specified.

MSSL

Mass budget is being reviewed, LAM to confirm masses.
JPL to provide more detailed mass breakdown.

LAM

Mirror DDR complete, some details on alignment tooling needs to be progressed.
The discrepancy between the alignment of the ref. axis and optical axis is being investigated.
SMEC mechanism pivots are being selected. If an extra launch lock is used an extra 500 gms mass is required. Stronger pivots require more power. More analysis required.

Sap

The temperature probes have been selected, a note will be issued.
FMEC started, results expected in August.
DRCU spec and interface ready for issue on 13/7/01.

Cardiff

DDR dates, 21 August proposed.
April/May 200 is likely for cold vibration.
A warm vibration test on the SCAL is likely in 4-5 weeks time at MSSSL.
Masses for the SCAL and PCAL will be available end July.
Good progress on testing thermal prototypes in the lab.

No.	Action	Who	Due date	Response/Comment	Status
010326-07	Issue an updated shutter SSSD	Don		This will be produced after the review next week (DDR).	Open
010402-05	Provide information on the parts approval and quality status for the Canadian components.	Don		USK plan to use NASA approved parts wherever possible. A preliminary parts list will be available at the DDR.	Open
010509-02	Specify date of DDR	Berend		. 15/8/01.	Closed
010509-10	Specify date of the FTS DDR	Dominique		Likely end Sept TBC	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
010509-13	Specify date of the AIV facility DDR	Dave	19/5/01	Date fixed for 6/9/01	Closed
010509-16	Confirm the use by Cardiff of the RAL cold vibration facility	Peter	25/6/01	This is getting urgent	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
010611-01	Confirm date of OBS meeting and to circulate draft agenda	Ken	15/6/01	Date 10 and 11 July	Closed
010611-02	Send e-mail with info on the number of cold vibration campaigns foreseen and approximate dates	Ian	29/6/01	No funds available with current costing, RAL and ATC to discuss offline	Closed
010611-03	Devise and implement a Livelink report to display document information for a given folder	Ken	29/6/01		Open
010611-04	Send copies of comments on the CEA-JPL MOU to Jean Louis	Gerry	15/6/01	Done	Closed
010611-05	Notify SAP of the grounding scheme to be used for the DRCU	John	ASAP	Status not known	Open
AI-MAN-0753-01	Specify DDR date	Ian	20/7/01		Open
AI-MAN-0753-02	Optimise DDR dates to minimise clashes	Eric S	20/7/01		Open
AI-MAN-0753-03	Review cost of cold vibration tests	Eric S	20/7/01		Open
AI-MAN-0753-04	Check shutter indicator requirements with Alcatel	Doug	15/7/01		Open
AI-MAN-0753-05	Confirm mass figures	Dominique	20/7/01		Open
AI-MAN-0753-06	Provide more detailed mass breakdown	JPL	20/7/01		Open