

Subject: Tuesday teleconference

Hello Everyone,

The last teleconference was less than satisfactory (only two people available when I called). Please let me know if you are unable to take part so I do not waste time trying to call you.

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In order to make some progress I will try to outline my thinking on Bruce's note on the new model philosophy and pose some questions that you might like to think about before the next teleconference. I would like to get answers from you in the next week or so.

I am not clear that I understand yet all the details of the approach to the instrument qualification (I assume Bruce and the system team will review this thoroughly soon) but there are some obvious consequences:

1. Each group (apart from the WE groups) will have to produce an additional Qualification Model of their subsystem that will undergo cold vibration. The fact that the CQM does not have to be qualifiable may offset this extra effort.
2. The fact that we do the cold vibration as part of the STM programme saves some time in the programme overall (because we no longer have to measure the performance of the instrument before and after vibration - but does this mean that we never test the effect of vibration on the subsystem performance?). I estimate this saving to be about 4 weeks which will bring the current margin on the programme to about 10 weeks.
3. The dates for the CQM subsystem deliveries would, as a consequence, be later than before because of the extended STM programme. However I would like to end up with a margin of about 4 months on the programme (to PFM delivery) and so we still need to think about starting the STM programme earlier.

My proposal therefore is to start the STM programme one month earlier than in the current plan, so STM deliveries will be advanced by one month: I can see that this is a problem for the structure, and we are talking about ways of achieving this - are any other subsystems going to have problems meeting this milestone?

As a consequence of the early STM programme the CQM programme will start only 2 weeks later than before - I assume this will not inconvenience anyone! The FPU CDR will now take place at the end of October 2002. This means that manufacture and test of the QM should be completed between the STM test and this date. Will this cause any problems?

I have based these dates on the schedule, updated after the PDR, to allow all milestones dates to be as early as possible. I have attached this schedule to this email for you to look at and comment on.

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I also want to put together a milestone list as a controlled document for the project. The first version based on the PDR schedule is also attached. In the first instance can you please look at it and check that all items that you expect to be delivered are there and that you are delivering all items expected by other groups. The dates can be ignored at the moment as they will change as we discuss the schedule.

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Matt has agreed to sign the Common Parts Procurement agreement, based on the replies from you. The first kick-off meeting is being held next week, but because of our delay in providing information, we are not invited to the first meeting. The second meeting will be held on 5/6 Spetember, at which time we should have a list of parts which we wish to procure and a set of need dates for these components. Are we able to comply with these dates?

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I have now found out that the reason DMS does not work very well with Internet Explorere is down to the Acrobat Reader. You need Version 4.05 of this to be able to read documents from DMS without problem (other than speed of the network!).

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The next Project manager's telephone conference will take place on Tuesday 25th July, at 16:00 UK time.

Please confirm your availability and the following telephone numbers are correct.

Jean Louis Augueres/Christophe Cara.....	0033 169 08 3058
Riccardo Cerulli-Irelli.....	0039 06 4993 4377
Colin Cunningham.....	0131 668 8223
Lionel Duband.....	0033 476 88 4134
Matt Griffin.....	020 7882 5068
Ken King/Bruce Swinyard.....	01235 44 6558
Jerry Lilienthal.....	001 818 354 9082
Dominique Pouliquen.....	0033 49 1 05 5949
Berend Winter.....	01483 20 4146
Don Peterson.....	001 613 990 0808
Ian Pain.....	0131 668 8260



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