

The approach does not seem to cover the PMSE frequencies. Allied to the games will be hundreds of other events, seminars, dinners & conferences during the period which will use countless radio microphones other than those being used by broadcasters alone.

**Question 2: Do you have any comments on our assumptions?:**

**Question 3a: What is your assessment of the requirements for handheld radio systems?:**

**Question 3b:How can they be met most efficiently?:**

**Question 4: Would you want to use capacity on LOCOG's trunk network through a rate card?:**

**Question 5a: What is your assessment of the requirements for land mobile radio systems?:**

**Question 5b:How can they be met most efficiently?:**

**Question 6a: What is your assessment of the requirements for maritime radio?:**

**Question 6b: How can they be met most efficiently?:**

**Question 7: Do you think that digital wireless microphones will be widely used by the time of the London Games?:**

This is dependant on the technology being developed at a reasonable cost, companies such as ours have made large investments in radio microphone systems, the calculations on numbers seem to be grossly underestimated, if the worst happens we will be expected to invest in technologies that are only being developed now, these technologies will not be at affordable levels in four year's time.

**Question 8a: What is your assessment of the requirements for wireless microphones?:**

Radio microphone usage for PMSE is being grossly underestimated in the run-up to the DDR.

Many smaller companies have not taken the threat seriously enough, by the time everybody wakes up it will be too late.

**Question 8b: How can they be met most efficiently?:**

**Question 9: How do you think developments in audio technology will affect spectrum requirements?:**

I think that in six to eight years there will be better developments in digital multiplexing enabling more efficient use of the radio spectrum. This has been needed for some time now but is still not fully developed

**Question 10a: What is your assessment of the requirements for in-ear monitors?:**

**Question 10b: How can they be met most efficiently?:**

**Question 11a: What is your assessment of the requirements for talkback?:**

**Question 11b: How can they be met most efficiently?:**

**Question 12a: What is your assessment of the requirements for ADS?:**

**Question 12b: How can they be met most efficiently?:**

**Question 13a: What is your assessment of the requirements for S-RSLs?:**

**Question 13b:How can they be met most efficiently?:**

**Question 14a:What is your assessment of the requirements for wireless cameras?:**

**Question 14b:How can they be met most efficiently?:**

**Question 15: How do you think the use of HD will affect spectrum requirements? If yes, please provide details.:**

**Question 16a: What is your assessment of the requirements for point-to-point links?:**

**Question 16b: How can they be met most efficiently?:**

**Question 17:How do you think spectrum could be used more efficiently?:**

**Question 18a:Do you think that wireless-camera technology operating between 3 and 7.5 GHz will be more widely available by the time of the London Games ?:**

**Question 18b:Do you think that wireless-camera technology operating at up to 60 GHz will be available by the time of the London Games ?:**

**Question 18c:Could existing wireless cameras be adapted to work at higher frequencies?:**

**Question 18d: Are there any other considerations that will affect the feasibility of using higher-frequency spectrum for wireless cameras?:**

**Question 19: Do you think that using optical-fibre cameras will reduce spectrum requirements?:**

Yes but will require the Fibre optic infrastructure linking the venues

**Question 20: Do you think that using short, wireless video links to fixed, cabled access points will reduce spectrum requirements?:**

No, they will still require spectrum in the same areas of usage

**Question 21: Do you think that using optical fibre within and between competition venues will reduce the requirement for fixed point-to-point links?:**

**Question 22: Do any public support services have spectrum requirements that cannot be met through existing allocation and assignment processes?:**

**Question 23a: What is your assessment of the requirements for cultural events?:**

**Question 23b: How can they be met most efficiently?:**

**Question 24a: What is your assessment of other requirements?:**

**Question 24b: How can they be met most efficiently?:**

**Question 25a: Do you have any views on previous or possible licensing systems?:**

**Question 25b: When should the licensing system start to accept applications?:**

**Question 26: Do you have any views on enforcement?:**

**Additional comments:**