

Title:

Please select

Forename:

C

Surname:

Goadby

Representing:

Self

Organisation (if applicable):

Email:

What do you want Ofcom to keep confidential?:

Keep nothing confidential

If you want part of your response kept confidential, which parts?:

Ofcom may publish a response summary:

Yes

I confirm that I have read the declaration:

Yes

Ofcom should only publish this response after the consultation has ended:

Yes

Question 1: Do you have any comments on our approach?:

The approach looks reasonable and measured but there do seem to be parts of the document that give the impression that everything else and everybody else's needs should be subjected to the needs of the Olympics. This would seem to be both unwise and less than fair to all those who have businesses and functions to run in and around each and all of the Olympic sites.

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

None at this stage

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

I suggest that your assessment of the likely needs is fair and have no better data on which to base any comment.

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

By careful planning, consideration of all other surrounding factors and taking a firm line with those who think they can arrive and do what they like just because they are part of some pseudo Olympic organisation. There will be plenty of those.

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

No

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

No different to Ofcom's

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

See response to question 3b

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

Presumably limited to those sites that have marine or significant waterborne events (eg sailing etc) It would seem unreasonable for example for the rowing functions to claim "marine" needs.

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

See response to question 3b and 6a

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

Undoubtedly

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

Very large I would expect

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

See response to question 3b

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

They should reduce it and/or spread the demand over a wider radio frequency spectrum than say at Athens but one cannot be certain

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

Significant

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

See response to question 3b

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

Very significant

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

See response to question 3b and 6a

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

Not known

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

Pass

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

Not known

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

Pass

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

Very significant though with strong pressure optical fibre links may be more useful but see below in regrad to clearing up the fibres afterwards

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

See response to question 3b

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

Not known

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

Significant as the sites to be used are widely spaced geographically - ideal for dedicated optical fibre links laid in advance.

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

See response to question 3b and 6a

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

Careful planing and effective control, management and enforcement when and where necessary.

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 ?:

Very likely

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 ?:

Probably

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

Possibly but would the owners/users be prepared to pay and fit such adaptions

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

Cost, other users of the frequencies and the need for vast numbers of "private" channels.

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

Assuming this refers to the internal parts of the equipment then NO, but if the links from camera to control vehicle/station are meant then Yes

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

Possibly but the risk of crosstalk etc are considerable and many of the participants would prefer the ability to use hard "wire" when they feel it necessary.

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

Possibly but any form of connecting wire/fibre will limit the "freedom of movement" of camera operators.

It would make very good sense to have in place dedicated optical fibre "highways" between competition venues to reduce the need for free space spectrum.

There is also the problem of who will clear up the tangle of optical fibre afterwards as a previous G4 event in London showed, Many overseas broadcasters seem to just cut and run leaving all their fibres to be cleaned up by others.

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

This is a very complex question. All the normal emergency and safety-of-life services will need ALL their normal allocations (with protection from others camping out on their allocations) and possibly more but if Ofcom propose to "loan" out many other parts of the spectrum to functions at the events then many of those supporting groups (eg British Red Cross, St Johns and other volunteer bodies) may find their usual channels unusable which will seriously compromise their effectiveness.

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

Not known

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

Not known

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

See response to Question 22, There are many other functions that it seems the Ofcom "broadbrush" approach has not considered and there is thus a very high risk/probability that such functions and services will be severely hampered.

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

By full and proper consideration of all the necessary functions, not just the games organisers and the broadcasting networks.

Any licences or other permissions issued must effectively be only for the period of the Olympics and cease very soon afterwards.

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

None, see response to 24b above.

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

Very soon so that effective planning plus adequate notice to the users should be possible

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

This will be amongst the most important and the most difficult part of the whole operation. Unless the overall plan and all the subsets within are properly adhered to there will be chaos. A laissez-faire attitude both now and then would be totally unacceptable.

Enforcement should start the moment any equipment lands/appears in the UK and be rigidly monitored and enforced thereafter. Much groundwork ahead of the event would help avoid a log-jam when equipment starts to arrive by land, sea or air.

Additional comments:

The management and control of the RF needs of such a large and widespread event such as this is a gargantuan task and must be very effectively planned and engineered. It is NOT just a paper and/or administrative exercise.

The necessary resources of all types must be made available in good time or it will be a disaster.