

Julian Smith

**Question 1**

*Do stakeholders agree with the proposals for the award of licences in the 10GHz, 28GHz and 32GHz bands in 2007?*

Answer 1:

I am a licensed Radio Amateur with an active interest in microwave techniques and satellite communications.

The proposal to include the part of the Amateur Satellite section at 10.45-10.50 GHz, concerns me greatly.

Space craft are currently in development that will use this allocation for uplinks and downlinks, to users and command stations. Due to the communication distances involved, the received signals are often weak, requiring specialised signal receiving techniques to detect. Should a high power user operate on these frequencies, it cause serious problems to both users and command stations, not just to those within the UK, but for any communications with a space craft for which the UK is visible.

Even if this allocation were to be excluded from high power users, the limits set for interference to adjacent frequencies would still result in an increase in the general noise floor that would seriously impede our attempts to communicate with the space craft.

I would like to highlight that Amateur satellite construction and operation is a global endeavour. New users would have to accept possible interference from satellites, currently under construction, in Germany and the USA and due for launch in the near future.

**Question 2**

*Do stakeholders agree with the proposal to include in the award of the 32GHz band that portion of the band that has been open since 2003 for point-to-point applications?*

Answer 2:

No opinion

**Question 3**

*Do stakeholders agree with the proposal to defer the release of the 40GHz band and review the position in two years' time?*

Answer 3:

No opinion

**Question 4**

*Do stakeholders have any other comments on the contents of this document?*

Answer 4:

No opinion