

Question 1: The executive summary sets out our proposals for the DDR band manager award. Do you agree with these proposals?:

Question 2: Do you agree with our proposal to award access rights to channel 38 that will last as long as we sustain the protection of radioastronomy in the UK?:

Question 3: Do you agree with our proposal to include the interleaved spectrum in channels 61 and 62 in the cleared award?:

Question 4: Do you have any views on our proposed approach to protecting reception of DTT services?:

Question 5: Do you agree with our proposal not to award the bands between 11.7 GHz and 12 GHz to the band manager?:

Question 6: Do you agree with our general approach of awarding the remaining 49 Ofcom-managed bands allocated to PMSE but lying outside the digital dividend to the band manager?:

Question 7: Do you agree with our proposal to award key PMSE bands to the band manager?:

Question 8: Do you agree with our proposal to award 2290-2300 MHz to the band manager on the same terms as other wireless-camera channels at 2 GHz?:

Question 9: Do you agree with our proposal to award low-demand PMSE bands to the band manager?:

Question 10: Do you agree with our proposal to award no-demand PMSE bands to the band manager?:

Question 11: Are there any other types of DTT transmission that should be protected from potential cognitive devices or other factors that we should take into account?:

Question 12: Are there any potential future PMSE applications other than currently available wireless microphones, in-ear monitors and talkback systems that you consider should be protected from potential cognitive devices?:

Question 13: Is there sufficient evidence to require protection for other services such as mobile television, bearing in mind the potentially negative implications of such protection for deploying cognitive devices?:

Question 14: Do you have any views on the appropriate notice period for temporary PMSE access to channels 63-68 and/or on whether we should extend temporary access to channels 31-40?:

Question 15: Do you agree with our proposal that the licence to be awarded should have an indefinite duration?:

Question 16: Do you agree with our proposal that the licence to be awarded in respect of bands currently used for PMSE should be subject to no initial period?:

Question 17: Do you agree with our proposal that the licence to be awarded in respect of bands currently used for PMSE should be subject to a notice period for variation or revocation on spectrum-management grounds of one year?:

Question 18: Do you agree with our proposed approach to allowing the new institutional arrangements for PMSE spectrum access to bed down?:

Question 19: Do you agree with our proposal that the licence to be awarded in respect of bands with no current PMSE use should be subject to no initial period?:

Question 20: Do you agree with our proposal that the licence to be awarded in respect of bands with no current PMSE use should be subject to a notice period for variation or revocation on spectrum-management grounds of five years?:

Question 21: Do you agree with our proposals for varying or revoking the band manager's licence during the notice period?:

Question 22: Are there bands where PMSE users require earlier certainty about longer-term access in the interests of promoting spectrum efficiency than our timetable for the band manager award allows?:

Question 23: Do you agree with our proposals for the three selection criteria by which we will assess applications for the licence to be awarded?:

Question 24: Do you agree with our proposal to enshrine the commitments to PMSE users made by the successful applicant in the licence awarded to it?:

Question 25: Do you agree with our proposed approach to assessing applications?:

Question 26: Do you agree with our proposal to use the block-edge mask approach to determine the technical licence conditions relevant to this award and to base these masks broadly on existing arrangements for PMSE spectrum access?:

Question 27: Do you agree with our proposal to set a separate fee for each Ofcom-managed band to be awarded?:

Question 28: Do you agree with our proposal initially to set fees for access to MOD-managed spectrum on a comparable basis?:

Question 29: Do you agree with our proposal to determine the band manager's licence fee first by deriving estimates of the opportunity costs of the spectrum to be awarded and second by setting band-by-band prices that strike an appropriate balance between our objectives for this award?:

Question 30: What are your views on the options for phasing in AIP to full opportunity cost?:

Question 31: Do you agree with our proposal to set the band manager's licence fee for three years and to review it after that period?:

Question 32: Do you agree with our proposal to review the band manager's licence fee periodically but no more frequently than every three years thereafter?:

Question 33: Do you agree that where the interleaved spectrum to be awarded to the band manager is used for the operation of a DTT multiplex, we should replicate the ownership restrictions in the Broadcasting Act regime relating to (a) local authorities, (b) political bodies, (c) religious bodies and (d) bodies exerting undue influence but not replicate restrictions relating to (e) broadcasting bodies and (f) advertising agencies?:

Question 34: Do you agree that we should facilitate interoperability between existing DTT multiplex operators and new operators using the interleaved spectrum awarded to the band manager?:

Question 35: What are the merits of our proposed approach to providing spectrum information, in particular concerning the type of information that might be helpful and any impact that publishing

information might have both on licensees and the wider spectrum market?:

Question 36: Do you agree with our assessment of whether our approach to awarding this spectrum appropriately promotes competition and efficiency?:

Question 37: Do you agree with our proposal that ?reasonable? PMSE demand for the spectrum awarded to the band manager should be defined as the actual demand from PMSE users at FRND prices?:

Question 38: Do you agree with our proposals for ensuring that the band manager meets reasonable PMSE demand on FRND terms?:

Question 39: Do you agree with our proposal to incorporate a suitable licence condition to enable us to access the spectrum awarded to the band manager to meet the requirements of the London 2012 Olympic Games and Paralympic Games and the Glasgow 2014 Commonwealth Games?:

Question 40: Do you agree with our proposed approach to spectrum access for other major events?:

Question 41: Do you agree with our proposals concerning disputes between the band manager and PMSE users as a whole?:

Question 42: Do you agree with our proposals concerning disputes between the band manager and individual PMSE users?:

Question 43: Do you agree with our estimate that the band manager will require six months from licence award until it begins operating?:

Comments:

Ofcom should ensure at least one in-group frequency block of the interleaved spectrum at each relay and main transmitter is reserved for digital community and local TV.

In-group spectrum can be received on prevailing TV aerials and this gives it a special value for TV broadcasting over other interleaved spectrum.

Without this spectrum ring-fenced for digital community and local TV (rather than giving general access for PMSE purposes), these services are likely to face barriers to entry to the digital TV platform and/or problems of coordination with PMSE uses.

The in-group interleaved spectrum blocks set aside for digital community and local TV should not be auctioned. Instead a separate band-manager is required to cultivate

use of this community and local TV spectrum for broadcasting purposes. PMSE does not need those frequencies that have the extra value of being easily received by domestic TV sets.

It is also important that pricing for PMSE users from the voluntary and community sectors is kept affordable. Community radio and television stations need affordable spectrum for outside broadcasting and events coverage.