

Your response

Question	Your response
<p>Question 1: Do you agree with the prioritisation of the agenda items, as shown in Annex 5, and if not why?</p>	<p>Confidential? – Y / N</p>
<p>Question 2: Ofcom is supporting the following three priority bands for IMT identification in the RRs:</p> <ul style="list-style-type: none"> 24.25 – 27.5 GHz 40.5-43.5 GHz (as part of a wider global 37-43.5 GHz tuning range) 66 – 71 GHz <p>If you don't agree with any of these bands, or think we should be promoting other bands, please provide justification for your views.</p>	<p>Confidential? – Y / N</p>
<p>Question 3: What are your views on the suitability of the currently identified bands for HAPs and do you think there is a requirement for additional spectrum? Recognising that we support 26 GHz as a global band for IMT under agenda item 1.13, what are your views on the bands currently under study for HAPs, both globally and in ITU-R Regions?</p>	<p>Confidential? – Y / N</p>
<p>Question 4: What are your views on the bands within scope of Agenda Item 1.16 and their suitability for Wi-Fi and Wi-Fi like services? Do you agree that Ofcom should support the CEPT position of No Change? If not, please provide evidence to support your view.</p>	<p>Confidential? – Y / N</p>

<p>Question 5: Do you agree that UK support the inclusion of the updated Recommendation M.1849-1 (“Technical and operational aspects of ground-based meteorological radars”) in footnote No.5450A? What are your views on the requirement to include a reference to ITU-R Recommendation ITU R M.1638 1 in footnotes No.5447A and 5.450A and the potential impact upon Wi-Fi (and similar technologies)?</p>	<p>Confidential? – Y / N</p>
<p>Question 6: Do you agree that UK support a position of not making changes to the Radio Regulations to reference specific bands for M2M/IoT usage?</p>	<p>Confidential? – Y / N</p>
<p>Question 7: What are your views on the potential removal of the limitations listed above?</p>	<p>Confidential? – Y / N</p>
<p>Question 8: What are your views on the approach we are proposing to take in respect of ESIMs and are there any additional factors that you think we should take into account?</p>	<p>Confidential? – Y / N</p>
<p>Question 9: What are your views on the establishment of regulatory provisions, in Article 22, that cover non-GSO operation between 37.5 and 51.4 GHz?</p>	<p>Confidential? – Y / N</p>

Question 10: What are your views on the various issues under consideration under Agenda Item 7, particularly in respect of the bringing into use of non-geostationary satellite networks (i.e. Issue A)?	Confidential? – Y / N
Question 11: What are your views on Agenda Item 9.1.1?	Confidential? – Y / N
Question 12: What are your views on the potential establishment of satellite pfd limits, in the 1 452 – 1 492 MHz band, to protect terrestrial use?	Confidential? – Y / N
Question 13: Do you have any views on the bands being studied and are there any other considerations which you think should be taken into account? What are your views on the appropriateness of the current emission limits in the band 3 700 – 4 200 MHz?	Confidential? – Y / N
Question 14: Do you agree that no changes to the RRs are required, under Agenda Item 9.1.7, and that managing the unauthorised operation of earth station terminals (deployed within its territory) should be addressed by the national administration concerned?	Confidential? – Y / N

Question 15: What are your views on the need for additional fixed satellite service allocations in the band 51.4 – 52.4 GHz?	Confidential? – Y / N
Question 16: What are your views on Agenda Item 1.8, particularly the need to enhance maritime safety, set against the need to respect the international spectrum allocations and the protection of passive services in adjacent bands?	Confidential? – Y / N
Question 17: What are your views on Agenda Item 1.9.1, particularly the need to respect the current integrity of the AIS?	Confidential? – Y / N
Question 18: What are your views on Agenda Item 1.9.2, particularly the need to take into account current national users in the bands defined by RR Appendix 18?	Confidential? – Y / N
Question 19: What are your views on Agenda Item 1.10 and do you think that any changes to the Radio Regulations may be necessary?	Confidential? – Y / N

<p>Question 20: What are your views on Agenda Item 1.11, and do you agree that no specific identification for rail communications is required in the Radio Regulations?</p>	<p>Confidential? – Y / N</p>
<p>Question 21: What are your views on Agenda Item 1.12 and do you agree that there is no requirement for specific identification to ITS in the Radio Regulations?</p>	<p>Confidential? – Y / N</p>
<p>Question 22: What are your views on Agenda Item 9.1.4 concerning radiocommunications for sub-orbital vehicles?</p>	<p>Confidential? – Y / N</p>
<p>Question 23: What are your views on Agenda Item 1.1, recognising that licensed amateur operators in the UK already have access to parts of the 50 – 54 MHz band?</p>	<p>Confidential? – N</p> <p>I suggest the UK does indeed actively participate in the debate on the use of the 50 – 54 MHz spectrum for amateurs. This will ensure that application of radio by voluntary enthusiasts continues unhindered and should also be extended.</p> <p>Scientific use of the spectrum, without interference, is extremely important to finding new knowledge. This is particularly to the UK as it heads into uncharted regions after Brexit. I cannot emphasise enough how important I believe radio research, as well as other engineering disciplines, is to our nation.</p>

Question 24: What are your views on Agenda Item 1.2 concerning power limits for MetSat, Mobile Satellite and EESS, and the linkage to agenda item 1.7?	Confidential? – Y / N
Question 25: What are your views on Agenda Item 1.3, particularly on any limits required to protect terrestrial use?	Confidential? – Y / N
Question 26: What are your views on Agenda Item 1.7 considering spectrum needs for short duration satellites, noting also the potential linkages to Agenda Item 1.2?	Confidential? – Y / N
Question 27: What are your views on Agenda Item 1.15, particularly on the protection needs of passive services?	Confidential? – Y / N

Question 28: What are your views on Agenda Item 9.1.6, particularly on the categorisation of WPT and whether WRC action is required?

Confidential? – N

It is my opinion that WPT should be treated as radio because with that categorisation it is more likely to be better controlled.

In discussions I have had regarding WPT, with technically competent people, there are genuine concerns that the principle of operation will cause interference to anyone having sensitive medical implants. As well as hearing aids and pacemakers, there are also spinal cord stimulators. Such devices, implanted in a critical part of the body, apparently are very sensitive to magnetic fields. For that reason alone I would rather see direct hard-wired connections for charging purposes, not the WPT method. Some say it is non-radiative, but if power transfers of 200 kW are likely, I do believe that the level of radiation would certainly be detectable and have an interfering effect on other radio systems.

Whether or not WPT is to be regarded as radio, the WRC should take action to refer the application to high levels within the ITU to avoid the interference issues arising from undoubted radiation.

I agree that there should be a generous guard-band around the important 60 kHz frequency. There are many users of radio controlled clocks with MSF as the reference and high levels of WPT are highly likely to be a major nuisance.

Question 29: Do you have any comments concerning the Standing Agenda Items, where not covered elsewhere in this document?

Confidential? – Y / N

Question 30: Are you aware of any specific issues, not covered elsewhere in this document, which are likely to be raised in this part of the Director's Report and of which you think Ofcom should be aware?

Confidential? – Y / N

Question 31: Do you have any comments on Agenda Item 9.3 considering Resolution 80?

Confidential? – Y / N

Question 32: What changes to the Radio Regulations have you identified that would benefit from action at a WRC and why? Do you have any proposals regarding UK positions for future WRC agenda items or suggestions for other agenda items, needing changes to the Radio Regulations, that you would wish to see addressed by a future WRC?

Confidential? – Y / N