

Your response

Question	Your response
<p>Question 1: Do you agree with our analysis of the case for regulatory intervention and our proposal to license satellite gateways to access 28 GHz spectrum in portions of the band not currently available for satellite gateways? If not, please provide reasons/evidence for your response.</p>	<p>Confidential? – Y / N</p> <p>We note that Ofcom are ‘minded to’ authorise satellite gateway access (NGSO and PES) across the whole band where there is no material impact on incumbent licensees. Access for Permanent Earth Stations should be included</p>
<p>Question 2: If we decide to proceed with this proposal to license satellite gateways to access 28 GHz spectrum in portions of the band not currently available for satellite gateways, do you agree with our proposal not to adjust Spectrum Access licence fees to reflect locations where we authorise future satellite gateways? If not, please provide reasons/evidence for your response.</p>	<p>Confidential? – Y / N</p> <p>See response to Question 1</p>
<p>Question 3: Do you have any further views / comments on our proposal to license satellite gateways to access 28 GHz spectrum in portions of the band not currently available for satellite gateways?</p>	<p>Confidential? – Y / N</p> <p>See response to Question 1</p>
<p>Question 4: Have we correctly identified the possible uses of the returned spectrum? If not, what other potential uses should we consider?</p>	<p>Confidential? – Y / N</p> <p>Yes</p>
<p>Question 5: As a satellite operator, are you currently constrained by the amount of spectrum available in the 28 GHz uplink and 18 GHz downlink to provide your planned and or existing satellite services to UK consumers and</p>	<p>Confidential? – Y / N</p> <p>No, not currently.</p>

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<p>citizens? If so, please explain what constraints exist in each band.</p>	
<p>Question 6: Do you agree with our initial view that alternative use of the returned spectrum would be an allocation decision for either point-to-point fixed links or land-based satellite terminal use because it is unlikely both services can share and auctioning the spectrum is unlikely to secure optimal use? If not, please provide evidence to support your response.</p>	<p>No response</p>
<p>Question 7: Do you agree with our initial view to make 112 MHz at 28.8365 – 28.9485 GHz available for land-based satellite terminal use, 2 x 112 MHz for point-to-point fixed links at 27.9405 - 28.0525 GHz and 28.9485 - 29.0605 GHz and defer allocating the remaining 112 MHz of spectrum? If not, what alternative suggestions do you have?</p>	<p>No response</p>
<p>Question 8: Do you agree with our assessment of how the returned spectrum may be authorised for fixed links and GSO and NGSO land-based satellite terminals? If not, please provide evidence to support your response.</p>	<p>No response</p>
<p>Question 9: Do you have a view on demand for point-to-point fixed links in Northern Ireland and London in the frequency range 28.1925 – 28.3045 GHz paired with 29.2005 – 29.3125 GHz and our proposed approach that, if we were to decide to make this spectrum available for fixed links, would be to authorise this as Ofcom managed spectrum licensed on a first come first served basis?</p>	<p>No response</p>

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<p>Question 10: Do you have further views / comments that you wish to make in respect of this consultation?</p>	<p>In the next few years and in support of upcoming near-earth space research missions, Goonhilly plans to operate its Deep Space Network (DSN) facilities in the down-link frequency band 25.5-27.0 GHz (with uplinks in the 22.55-23.15 GHz band).</p> <p>Sensitive receive antennas will be required at Goonhilly and protections will be sought to avoid interference, especially with lunar human space flight. It is anticipated that such operations and protections will be accommodated with PES licensing or similar.</p> <p>Goonhilly has been identified as the location of a space research service (deep space) earth station, by ITU-R SA.1014-4, as the only such facility in UK. It is suggested that ITU recommendation ITU-R SA.1157-1 be referenced and its criteria for protection from interference be taken into account to limit and avoid any potential interference into DSN services in the frequency band up to 27 GHz, from out-of-band (OOB) emissions and interference arising from operations in the 27.5 – 30 GHz band</p>

Please complete this form in full and return to 28ghz@ofcom.org.uk.