

Your response

Question	Your response
<p>Question 1: Please provide a description of your current use of fixed links (or indicate which of the use types in Table 3.1 best describe your use type)</p>	<p>Confidential? – N</p> <p>We use microwave links to connect key sites to create a WAN</p>
<p>Question 2: What are the factors driving your choice of fixed links over alternative connectivity solutions, and which factors have the biggest impact on your decisions? Is this likely to change in the next 5 years? If so, what do you expect will change?</p>	<p>Confidential? – N</p> <p>Normally decided by demographics and suitability of connections.</p>
<p>Question 3: Is the current spectrum available for fixed links in the UK suitable and sufficient for your needs? If not, what would you change and why? If you believe changes are required, please give specific examples and reasons along with supporting evidence if available.</p>	<p>Confidential? – N</p> <p>No we often need a new link and we find frequencies often declined</p>
<p>Question 4: Is there anything about Ofcom’s current framework for authorising fixed links which you consider could be improved?</p>	<p>Confidential? – N</p> <p>Yes – when putting in a new link we need to request a frequency blind – getting quotes for equipment then putting in for licence. It would be useful if we knew available frequencies in particular areas – Or ones not available</p>
<p>Question 5: How has your use of fixed links changed between 2016 and now? Please provide information on:</p> <ul style="list-style-type: none"> - Reasons for increase or decrease in the number of your links since 2016; - Changes in the capacity of your links since 2016, including how you have delivered this capacity change, e.g., different channel bandwidths, different link technology (please specify), etc. 	<p>Confidential? – N</p> <p>Not really just additional sites so a few new links</p>

<p>Question 6: How do you expect your usage to change over the next 5-10 years? Please provide information on:</p> <ul style="list-style-type: none"> - any increase/decrease in the number of links (by band) and bandwidth expected; - likely changes in geographic distribution of links; - likely changes in distribution of links by frequency band; - likely changes in capacity of links and how you expect to deliver this capacity; - other changes not covered above 	<p>Confidential? – N</p> <p>Probable no change – hopeful decrease as we move to fibre based technologies</p>
<p>Question 7: Which of the developments listed above are expected to have the biggest impact on your use of fixed links? Are there other developments to be aware of that have not been listed?</p> <p>Please explain the reasons for your answer.</p>	<p>Confidential? – N</p> <p>Not applicable</p>
<p>Question 7a: Are you considering using NGSO satellites to provide backhaul for your network? If so, please provides details of the capacity requirements/expectations and the locations where delivery of this type of backhaul would be likely.</p>	<p>Confidential? – N</p> <p>No</p>
<p>Question 8: If you already use alternative transport options for delivering your services, please:</p> <ul style="list-style-type: none"> - Provide an indication of the proportion of your services delivered over fixed links vs each alternative that you currently use. Is this proportion likely to change over the next 5-10 years? Is so please provide details; - Explain how your business rationale for use of fixed links vs alternative connectivity solutions is changing over time; 	<p>Confidential? – N</p> <p>Move to fibre where available/practical. Hoping within 10 years all fibre. This is due to cost, bandwidth, and reliability.</p>

<ul style="list-style-type: none"> - If possible, provide examples of your decision-making process for recently deployed connections 	
<p>Question 9: Which of the listed technologies are you already using or do you plan to use in the future? For each that you are using/plan to use, please explain:</p> <ul style="list-style-type: none"> - the current extent of your use, whether you expect to expand or shrink your use over the next 5-10 years, and how availability of these capabilities might impact your choice to deploy fixed links vs an alternative. <p>Estimates of numbers or percentage of links deployed with each capability now and in the future would be valuable. We are particularly interested in feedback on future use of BCA.</p>	<p>Confidential? – N</p> <p>See previous answers</p>
<p>Question 9a: If you plan to use BCA would you plan to use this primarily for new links, upgrades to existing links or a mix? What factors affect your decision to deploy (or not deploy) BCA today?</p> <p>Please provide whatever detail you can</p>	<p>Confidential? – Y / N</p>
<p>Question 10: Do you have a need for W and D bands for fixed links use (or alternative uses)? If so, in what timescale?</p> <p>Please provide further details, including any evidence you have to support your response.</p>	<p>Confidential? – Y / N</p>
<p>Question 12: Are there other international developments that you are aware of that could affect availability and utility of fixed links in the next 5-10 years?</p>	<p>Confidential? – N</p> <p>We have noticed considerable delay in delivery</p>

Please complete this form in full and return to fixedlinks.review@ofcom.org.uk.