
Small-scale radio multiplex licence

Application form – Part A (public)

Name of applicant (i.e. the body corporate that will hold the licence):

Muxcast 5 Ltd

Multiplex licence area being applied for (note this must be a small-scale multiplex area *currently being advertised* by Ofcom):

Guildford & Woking

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1. Overview

The purpose of this form

- 1.1 You should complete this form if you are applying for a licence to provide a small-scale radio multiplex service (a ‘small-scale radio multiplex licence’). A small-scale radio multiplex service is the means by which DAB digital radio stations (‘digital sound programme services’) are broadcast, and can transmit around ten stereo digital sound programme services (or a significantly higher number if the DAB+ standard is utilised). The application form is divided into two parts – **Part A** (which we will publish on our website) and **Part B** (which will be kept confidential). This document constitutes Part A; [Part B of the application form](#) is available separately.
- 1.2 Small-scale radio multiplex licences are awarded by Ofcom in a competitive process. Applications are judged against specified criteria, and Ofcom awards the licence to the applicant which it considers best meets the criteria.

How to complete the form

- 1.3 There are detailed instructions on how to complete this form, and information on the next steps in the application process, in our [guidance notes](#) for licence applicants and licensees. Please read this guidance and the frequently asked questions carefully before completing this form.
- 1.4 If you still have a query having read the guidance and FAQ, you can contact Ofcom’s Broadcast Licensing team by email (smallscaledab@ofcom.org.uk). The team cannot provide advice or pre-approve applications but can answer general questions.
- 1.5 Please download this form and fill it in on a computer. If completing by hand, please use block capitals and black ink.
- 1.6 Please answer all the questions as fully as possible, use extra sheets if required and provide the supporting documentation listed at Section 7 of Part B of the application form. Sufficient information must be supplied about the applicant and the proposed service to enable Ofcom to consider the application in accordance with the statutory criteria for the granting of small-scale radio multiplex licences. Ofcom may need to request further details from you before a licence can be granted.
- 1.7 Ofcom reserves the right to reject applications made using an old version of the form.
- 1.8 Ofcom will accept handwritten application forms, but they must be filled in using block capitals and black ink.
- 1.9 Ofcom reserves the right to reject application forms that are illegible.
- 1.10 You must answer all questions in the application form and respond “N/A” to any questions that do not apply to the applicant.
- 1.11 Ofcom reserves the right to reject applications which do not meet the following criteria:

- a) The declarations in Section 6 of this form and in Section 8 of Part B of the application form must both be signed and dated.
- b) The person who signs and makes the declaration on behalf of the applicant must be:
 - i) A director of the company or the company secretary where the applicant is a company.
 - ii) A designated member where the applicant is a Limited Liability Partnership.
- c) All supporting documents as requested in the checklist at Section 7 of Part B of the application form must be supplied in legible form and translated into English where applicable.

1.12 If you are completing the form as an agent, i.e. you are acting on the applicant's behalf, please note that you cannot sign it on your client's behalf, and that the person signing the form needs to have personally checked the truth and completeness of the responses given. If your client wishes you to be Ofcom's main contact in relation to the application, please make this clear in an accompanying letter, and provide evidence of your authority to act on behalf of the applicant. The form should be filled in so as to include information about the applicant, not the agent. If Ofcom has further questions once the application has been submitted, we will direct these to the applicant, not to the agent, but we will accept responses from the agent.

How to submit the form

- 1.13 We prefer application forms and required supporting documents to be submitted by email to smallscaledab@ofcom.org.uk. Handwritten applications and required supporting documents should be scanned and attached to the email.
- 1.14 You should receive a response from smallscaledab@ofcom.org.uk confirming that your application has been received by Ofcom. If you do not receive a response, it is likely your application has not been received and you should contact Ofcom's Contact Centre on 0300 123 3333 and ask to leave a message for the Broadcast Licensing team, who will respond to your message as soon as possible.
- 1.15 If the applicant cannot submit the application form and/or the supporting documentation by email, the applicant may submit the application and/or the supporting documentation by post to:
- Ofcom
Broadcast Licensing
Riverside House
2a Southwark Bridge Road
London
SE1 9HA
- 1.16 Those applicants who submit their application by post will be sent an acknowledgement.

Application fee

- 1.17 A non-refundable application fee of £500 is payable by bank transfer.
- 1.18 Applications will not be assessed until the application fee has been received in Ofcom's bank account.
- 1.19 Ofcom requests that applicants pay the application fee by bank transfer and that immediately after the applicant has instructed their bank to make the payment, confirmation of payment is emailed to ofcom.remittances@ofcom.org.uk.
- 1.20 To ensure that Ofcom can identify the payment, it must include a payment reference which is the applicant's postcode followed by the applicant's name (or as much of the name as is possible to provide within the character limit set by the bank) as provided in response to question 3.1 of this application.
- 1.21 The bank details to be used to pay the application fee are:
- Account Name: Office of Communications
- Bank details: Lloyds Bank, 69-73 Borough High Street, London SE1 1NQ
- Account number: 00782415
- Sort code: 30-97-90
- BIC: LOYDGB21351
- IBAN: GB05 LOYD 3097 9000 7824 15
- SWIFT: LOYD GB 2L

Supporting documentation

- 1.22 You must provide a range of supporting documentation when submitting this application form. Please refer to the checklist at Section 7 of Part B of the application form for full details. Please note that failure to supply the necessary documents will delay your application.
- 1.23 Ofcom reserves the right to reject applications with which the necessary documents are not supplied in legible form.
- 1.24 Please note that Ofcom cannot receive emails larger than 35MB. If your application email exceeds this limit, please send your supporting documents in a separate email(s), clearly indicating the applicant's name in the subject line of the email.

Provision of information

- 1.25 Ofcom requires complete and accurate information to assess applications. In particular, we must be satisfied that those applying for a licence are 'fit and proper' to hold a licence and are not disqualified from participation in a licence.

- 1.26 It is an offence under the Broadcasting Act 1996 (as amended) to provide false information or withhold relevant information during the application process, and may be grounds for revocation of a licence subsequently granted.

Publication of applications

- 1.27 Part A of the application form (i.e. this document) will be published by Ofcom on our website as soon as practicable following the closing-date for applications. Because this is the 'public' part of the application form, and Ofcom is legally required to publish applications for public comments, no questions should be answered by means of the submission of a confidential annex. Part B of the application form will remain confidential.
- 1.28 Ofcom may take into account any comments received from the public, which can be made to it with respect to Part A of the application submitted.
- 1.29 In submitting Part A of the application, you agree that Ofcom may publish contact details for the licensee, which may include personal data, on the Ofcom website and/or in other relevant publications.
- 1.30 When a licence is granted, the name of the service and public contact details for the licensee will be published on the Ofcom website. These are the details supplied by the applicant in the application form. If you have any questions about the information that we publish, or there are any changes to this information, you should contact the team by email (smallscaledab@ofcom.org.uk).
- 1.31 Ofcom considers issued small-scale radio multiplex licences to be public documents and copies of licences will be made available to third parties on request, noting that personal data apart from the name of the licensee may be redacted.

Data protection

- 1.32 We require the information requested in this form in order to carry out our licensing duties under the Broadcasting Act 1990, Broadcasting Act 1996 and Communications Act 2003. Please see Ofcom's [General Privacy Statement](#) for more information about how we handle your personal information and your corresponding rights.

Keeping up to date with broadcasting matters

- 1.33 We strongly recommend that you subscribe to receive Ofcom's regular email updates on broadcasting matters. These include a [monthly radio licensing update](#) that lists new services licensed, licences revoked, licence transfers, and changes to licensed services during the past month. To subscribe to these updates, please visit www.ofcom.org.uk/email-updates and select 'Broadcasting'.

2. Extent of proposed coverage area

About this section

Under section 51(2)(a) of the 1996 Act, we are required to consider the extent of the coverage area an applicant proposes to achieve within the area which has been advertised. This section therefore asks you to describe the coverage you are proposing to achieve. Further questions on the detailed technical arrangements for the proposed service, including questions on the transmission site(s) that you intend to use and your plans for how the multiplexing and distribution of your service will be arranged are contained in Part B of the application form.

Before completing this section of the form, you should read carefully the notes on 'Extent of proposed coverage area' in Section 4 of Ofcom's [guidance notes for licence applicants and licensees](#).

Applicants should note there are confidential questions relating to extent of coverage area in Part B of the application form.

- 2.1 Please provide a summary, fully consistent with the more detailed information about transmission sites supplied separately in Part B, of the coverage area proposed to be achieved by your technical plan. This should include a description of the target area you are seeking to serve within the advertised licence area, and also any areas you are aiming to serve outside the advertised licence area for this small-scale radio multiplex service. (You may refer to your coverage prediction in the response you provide):

For nearly 8 years BFBS has successfully operated the Aldershot and Woking trial small scale DAB multiplex. Our proposed coverage for the new licence preserves the coverage that service providers and listeners alike have come to expect and then builds upon this.

Ofcom has indicated there is severe pressure on frequencies available for the South East of England macro area. Considering these challenges, we have put together a coverage proposal that we feel makes best use of scarce spectrum, protects other potential small scale multiplexes that may be awarded and is financially viable.

We have agreements in place to use all four proposed transmission sites and these are submitted to Ofcom as a confidential appendix to this application. None of the sites require any significant building works to accommodate our transmission equipment, and therefore we expect to be in a position to build out shortly after Ofcom approves our technical plan. Two of our proposed sites are being provided by our shareholders and two others are with a landlord that we have good working relationship with.

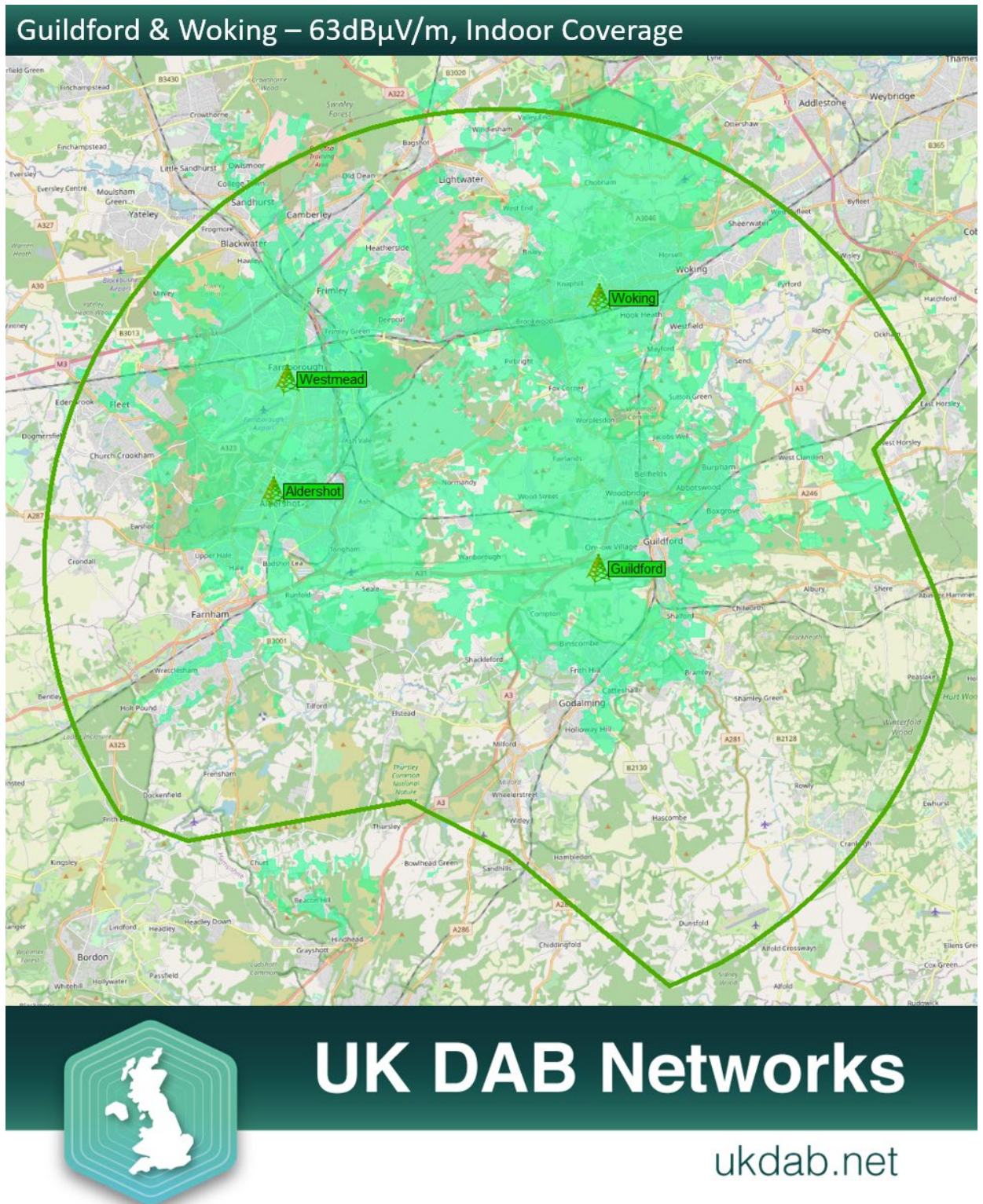
Our coverage strikes a balance between covering as much of the population as possible with good quality indoor coverage, the need for co-channel protection of other multiplexes and protecting other multiplexes from ACI.

The combination of sites used means that we are able to be competitive in pricing our capacity, enabling a truly low-cost route to DAB digital radio for services in the area.

2.2 Please provide summary details of the sites required to achieve this coverage by completing the table below (add additional rows as required):

Site name	NGR	Antenna height (m agl)	Antenna type proposed with bearing	New or existing antenna	ERP (W)
Aldershot	SU86245131	20m	Directional, 40° ETN	Existing	200w
Farnborough	SU86715518	25m	Omnidirectional	New	200w
Guildford	SU975486	39m	Directional, 0° ETN	Existing	50w
Woking	SU975580	17m	Omnidirectional	Existing	200w

2.3 Please provide below a coverage prediction map for the whole transmitter network you are proposing to build within 18 months if you are awarded a licence. The map should show the 63 dB μ V/m field strength and the advertised small-scale DAB licence area contour. [Small-scale DAB licence areas in GIS format](#) are available on the Ofcom website. In the interests of transparency, you **must** embed an inline map image within this form (even if you also submit a map as a separate supporting file).



2.4 Please provide the following details of the prediction software used for your coverage assessments:

Provide the name and version of the prediction tool used.	ATDI HTZ Communications x64
Detail the terrain model used by the software and its resolution.	DTM: DEFRA 1m and 2m resolution (DSM+DTM)
Detail the ground cover (clutter) data used by the software and its resolution.	Buildings: DEFRA (automatic extraction – slope algorithm - performed at 2 m resolution then resampled) Vegetation (park, wood, forest) and Hydro from Corine Land Cover 2018 and Urban Atlas 2018 (European Environment Agency) Roads and railways from Open Street Map (2019)
What propagation algorithm has been used?	Model pre-set: Fresnel Diffraction geometry: Deygout 94 Subpath attenuation: Coarse Integration FZ fraction: 0.8 Earth radius (sea and land): 28,500km
Where multiple sites are proposed, describe what methodology has been used to assess the network (SFN) gain	Power Sum
If these predictions have not used Ofcom-provided population data, state what population data has been used and its source.	Ofcom data used
Have your predictions been generated by a commercial organisation? If so, by whom?	UK DAB Networks (Operations) Ltd

3. Ability to establish the proposed service

About this section

In Section 3, we are asking questions about the applicant company, its financial and business plan, the relevant expertise and experience of those who will be involved in providing the small-scale radio multiplex service, and the timetable for coverage roll-out. The answers to these questions will enable Ofcom to assess the application under section 51(2)(c) of the 1996 Act. Additional information is requested in Part B of the application form.

In the first part of this section we are asking for details of the applicant's officers (directors or, in the case of LLPs, designated members), its shareholders and participants. Where applicable, we are also asking for details of the officers of the applicant's parent and associated companies or LLPs etc.

If any of the individuals named in your responses are known by more than one name/version of their name, all names must be provided.

Certain persons are disqualified from holding a small-scale radio multiplex licence. This section asks the questions which enable us to consider this for those types of disqualification which apply specifically to bodies corporate. It also asks questions which are relevant to our assessment of the applicant's fitness and properness to hold a small-scale radio multiplex licence.

The response boxes and tables should be expanded or repeated where necessary, or provided in a separate annex.

'Officerships' in this section refers to: directorships of bodies corporate, designated memberships of LLPs, or membership of a governing body of an unincorporated association (including partnerships).

The remaining questions in Section 3 relate to the applicant's financial and business plan, the expertise and experience of those involved, and the planned timetable for launching the proposed multiplex service.

Applicants should note there are confidential questions relating to extent of coverage area in Part B of the application form.

Applicant's details

3.1 Name of applicant (i.e. the body corporate that will hold the licence):

Muxcast 5 Ltd

3.2 Company registration number stated on Companies House (if applicable):

14951610

3.3 For UK registered companies, the address of the applicant's registered office stated on Companies House. For non-UK registered companies, the principal office address:

St Hilary Transmitter, Cowbridge, CF71 7DP

- 3.4 If a UK registered company, is the **current** Memorandum and Articles of Association document available on the Companies House website?

Yes (delete as appropriate)

If no, please submit the up-to-date document and indicate you have done so in the checklist in Section 7 of Part B of the application form.

Ownership and control of company which will hold the licence

Details of officers

- 3.5 Please complete the following table, expanding it if necessary, to provide the following details for each director or designated member of the applicant (i.e. the body corporate that will hold the licence):

Full name of individual	Correspondence address ¹	Country of residence	Other officerships held (and nature of the business concerned)	Other employment
Nation Broadcasting Ltd	St Hilary Transmitter, Cowbridge, CF71 7DP	Wales	See attached appendix	None
Nichola Leigh Ness	St Hilary Transmitter, Cowbridge, CF71 7DP	England	Muxcast One Limited – Small Scale DAB operator	BFBS
Rush FM Ltd	3e Westmead House, Westmead, Farnborough, GU14 7LP	England	None	None
Jenniann Davies	St Hilary Transmitter, Cowbridge, CF71 7DP	England	Kane FM Limited – Radio station	None
Jason Scott Bryant	St Hilary Transmitter, Cowbridge, CF71 7DP	England	See attached appendix	Nation Broadcasting Ltd

¹ This should be the same address as is held and published by Companies House.

Ashley John Elford	St Hilary Transmitter, Cowbridge, CF71 7DP	England	UK DAB Networks (Operations Ltd) DAB consultancy and operator of multiplexes South Thames DAB Ltd Middlesex DAB Limited West Sussex Digital Limited Provincial DAB Limited These are all DAB applicant companies	First MTR South West Trains Ltd Nation Resources Ltd
Martin Stephen Mumford	St Hilary Transmitter, Cowbridge, CF71 7DP	Wales	See attached appendix	Nation Broadcasting Ltd

Details of participants

3.6 Please complete the table overleaf, expanding it if necessary, to list all bodies or individuals which hold or are beneficially entitled to shares, or who possess voting powers, in the applicant (i.e. the “participants”). If you are unable to provide a complete answer to this question in relation to beneficial owners, please state whether you have any reason to suspect the existence of any beneficial owners.

(If parts of this question are not applicable to the applicant – for example, because the applicant does not have shareholders – please respond “N/A” in the relevant parts of the table.)

Full name of participant (existing and proposed)	Number of shares	Total investment (£s)	Total investment (%)	% of voting rights
Nation Broadcasting Ltd	51	£51	51%	51%
BFBS	25	£25	25%	25%
Rush FM Ltd	21	£21	21%	21%
Kane FM Ltd	3	£3	3%	3%
Comments				

We do not anticipate to make any changes to the structure of the company post award.

Details of relationships of control

- 3.7 Complete the following table, expanding it if necessary, to list any bodies corporate which are controlled *by* the applicant (or any director of the applicant, any person/body corporate with control over the applicant, or any body corporate controlled by a person/body corporate controlling the applicant). Please include bodies corporate under joint control – i.e. which are controlled acting together in concert with third parties (e.g. because of a shareholder’s agreement):

(If this question is not applicable to the applicant please respond “N/A” in the table.)

Full name of body corporate	Address	Person/body controlling the entity (i.e. the applicant itself or its associate)
The activities of Nation Broadcasting Limited, St Hilary Transmitter, St Hilary. CF71 7DP and each of its directors is included as an appendix.		

Details of persons who control the applicant

- 3.8 Complete the table overleaf, expanding it if necessary, *to list all persons/bodies corporate who control the applicant, or control any person/body corporate with control over the applicant.* Please include persons or bodies that control the applicant (or body corporate with control over the applicant) jointly i.e. acting together in concert with third parties (e.g. because of a shareholder’s agreement). Please note that some of this information may repeat information provided above on shareholders and other participants in the applicant:

(If this question is not applicable to the applicant please respond “N/A” in the table.)

Full name of person/body corporate	Address	Person/body controlled by the entity (i.e. the applicant itself or its associate)
Nation Broadcasting Limited	St Hilary Transmitter, St Hilary, CF71 7DP	51% of applicant
Jason Scott Bryant	c/o St Hilary Transmitter, St Hilary, CF71 7DP (private residential address provided to Ofcom in confidence)	51% of Nation Broadcasting Limited
Corrina Dawn Bryant	c/o St Hilary Transmitter, St Hilary, CF71 7DP (private residential	49% of Nation Broadcasting Limited

	address provided to Ofcom in confidence)	
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3.9 Complete the following table, expanding it if necessary, to list other bodies in which any individual listed in response to question 3.8 is a director or designated member:

(If this question is not applicable to the applicant please respond "N/A" in the table.)

Full name of individual	Name of body in which individual is a director or designated member
Jason Scott Bryant	Provided in appendix
Corrina Dawn Bryant	Provided in appendix

3.10 Complete the following table, expanding it if necessary, to list all bodies corporate which are controlled (including jointly controlled) by any body corporate listed in response to question 3.8:

(If this question is not applicable to the applicant please respond "N/A" in the table.)

Full name of body corporate listed in 3.8	Body corporate controlled
Nation Broadcasting Limited	Provided in appendix

3.11 In relation to each body corporate identified in response to question 3.8, complete the table overleaf, expanding it if necessary, to list all bodies which hold or are beneficially entitled to shares, or who possess voting powers, in the body corporate concerned (i.e. "participants"). You may, but are not required to, exclude from this table any bodies listed in response to question 3.8. If you are unable to provide a complete answer to this question in relation to beneficial owners, please state whether you have any reason to suspect the existence of any beneficial owners.

(If this question is not applicable to the applicant please respond "N/A" in the table.)

Name of body corporate identified in response to question 3.8	Nation Broadcasting Limited			
Full name of participant	Number of shares	Total investment (£s)	Total investment (%)	% of voting rights
Jason Scott Bryant	5100	51	51	51
Corrina Dawn Bryant	4900	49	49	49

Comments

Involvement of the applicant in specified activities

3.12 Please state below whether the applicant, or any individual or body corporate identified in questions 3.5 to 3.11 is, or is involved in, any of the below, and the extent of that interest.

Activity/involvement	Yes or No	Please state who is involved; the name of the body/individual/agency they are involved with; and the extent of their involvement
A local authority	No	
A body whose objects are wholly or mainly of a political nature, or which is affiliated to such a body	No	
A body whose objects are wholly or mainly of a religious nature; ²	No	
An individual who is an officer of a body falling within (b) or (c);	No	
A body corporate which is an associate (as defined in paragraphs 1(1) and 1(1A) of Part I of Schedule 2 to the Broadcasting Act 1990) of a body falling within (b) or (c);	No	
An advertising agency or an associate of an advertising agency	No	

² Please refer to sections 3 to 5 of Ofcom's [religious guidance note](#) for details on how we determine the eligibility of religious bodies to hold certain broadcasting licences.

Details of applications, licences and sanctions

3.13 Please answer 'yes' or 'no' to the following questions about the applicant (i.e. the body corporate that will hold the licence):

a) Is the applicant a current licensee of Ofcom?

No (delete as appropriate).

b) Has the applicant ever held an Ofcom broadcasting licence before?

No (delete as appropriate).

c) Has anyone involved in the proposed service held an Ofcom broadcasting licence or been involved in an Ofcom-licensed broadcast service before?

Yes (delete as appropriate).

d) Does the applicant control an existing Ofcom licensee?

No (delete as appropriate).

e) Is the applicant controlled by an existing licensee or by any person who is connected (within the meaning of Schedule 2 to the Broadcasting Act 1990) with an existing licensee (i.e. as a "participant")?

Yes (delete as appropriate).

f) Has the applicant – or any person(s) controlling the applicant - made any other application to Ofcom (or its predecessor broadcast regulators – the Independent Television Commission and the Radio Authority) for any licence which has since been surrendered by the licensee or revoked by Ofcom (or one of its predecessor regulators)?

Yes (delete as appropriate).

g) Has the applicant – or any person(s) controlling the applicant - made any other application to Ofcom (or its predecessor broadcast regulators – the Independent Television Commission and the Radio Authority) for any licence which has since been surrendered by the licensee or revoked by Ofcom (or one of its predecessor regulators)?

Yes (delete as appropriate).

h) Is the applicant – or any person(s) controlling the applicant – subject to any current or pending investigation by any statutory regulatory or government body in the United Kingdom or abroad in respect of any broadcast-related matter?

No (delete as appropriate).

i) Has the applicant – or any person(s) controlling the applicant – ever been subject to a statutory sanction for contravening a condition of a broadcasting licence in the UK or any other jurisdiction?

No (delete as appropriate).

3.14 If the response to any of the questions (a) to (i) in 3.13 above is 'yes', please provide the details, expanding the table where necessary:

	Licence number(s) (if known)	Details
(a)		N/A
(b)		N/A
(c)	Various	See attached appendix relating to Nation Broadcasting – all directors and shareholders are (or have been) involved with numerous Ofcom licenced services.
(d)		N/A
(e)	Various	Nation Broadcasting Ltd – see appendix for shareholder details.
(f)	Various	See attached appendix relating to Nation Broadcasting.
(g)	Various	See attached appendix relating to Nation Broadcasting.
(h)		N/A
(i)		N/A

3.15 Please provide any further information you hold, relating to the past conduct of the applicant or those individuals listed, in regulatory matters or in matters going to honesty and/or compliance, which may be relevant to Ofcom's consideration of whether or not the applicant is fit and proper to hold a broadcast licence. If the applicant or the form signatory fails without reasonable excuse at this point to declare any matter of which Ofcom subsequently becomes aware, and which we consider to be relevant to the applicant's eligibility to hold a licence, we will take it into account in determining the question of whether the applicant/licensee remains fit and proper to hold a licence.

If you have no information to provide, please respond "N/A".

N/A

3.16 Has the applicant – or any person(s) controlling the applicant – ever been convicted of an unlicensed broadcasting offence?

No (delete as appropriate).

If yes, please provide the following details:

Full name	Date of conviction/action (dd/mm/yy)	Penalty

Financial and business plan

- 3.17 Please provide a high-level estimate of the costs you believe will be required to establish the multiplex service.

The applicant is a newly established company owned and run by experienced operators of community radio, DAB multiplex and SSDAB services.

Nation Broadcasting Ltd is active in the DAB industry as multiplex operators in North Wales, West Wales, Suffolk, North East Wales/West Cheshire, Morecambe Bay, and Salisbury.

BFBS are the current operators of the Aldershot trial multiplex and operate a local community station.

Nation Broadcasting and BFBS have a successful partnership, Muxcast One Ltd, and this application for Muxcast 5 Ltd aims to build on this with a sustainable DAB multiplex for Guildford & Woking.

Finally, shareholders Rush FM Ltd (B Radio) and Kane FM Ltd are well-established community radio groups in the area with stations in Farnborough and Guildford respectively.

In summary, our group has a strong understanding of the economics of broadcasting, in particular the West London market and DAB digital radio in general.

Start-up capital requirements of transmitter and associated equipment will be provided through loans from our shareholders. Multiplexing software will be sourced from the world's leading multiplex software firm Factum Radioscape. Day to day operating costs will be met through renting capacity on the multiplex to third parties.

Any shortfall/losses will be borne by loans from our shareholders. We have budgeted £50,000 to establish the multiplex.

- 3.18 Please indicate how the costs outlined in 3.17 (above) will be met, under the following headings:

- a) Share capital
£100 of share capital is currently held as cash
- b) Loan stock
n/a

- c) Leasing/HP facilities (capital value)
n/a
- d) Bank overdraft
n/a
- e) Grants and donations
n/a
- f) Other (please specify)
Interest free shareholder loans of up to £50,000 convertible to share capital if not repaid after 5 years.

3.19 Expanding the table if necessary, please list the providers of the funding which will be used to establish the service, and the amount of funding that each will provide. For incorporated investing shareholders, please provide a copy of the most recent statutory accounts if they are not currently available on Companies House.

Name of shareholder or investor	Percentage of shares held (if applicable)	Amount of funding provided (£)
Nation Broadcasting Ltd*	51%	£50,000
* See note in confidential funding appendix		

3.20 All of the funding identified above should be confirmed. If any funding has not been confirmed, or if there are any pre-conditions before the funding is released which have not yet been met, provide an explanation of what needs to be done, the dates by which it needs to be carried out, and any steps the applicant needs to take to ensure the funding is confirmed and/or released.

All funding is confirmed

Relevant expertise and experience

3.21 Please provide details of who will be responsible for the day-to-day general management of the multiplex service (for example, dealing with programme service providers and contractual matters). Please also briefly state their previous relevant experience. (Note that any individuals or contractors who cannot be identified at this stage can instead be included in the confidential section (Part B) of the application form.)

We have access to a number of individuals with significant DAB experience. This expertise will ensure a smooth, professional launch and successful ongoing operation of the multiplex.

Day-to-day management of the multiplex will be by Ash Elford through his employment with Nation Broadcasting Limited. Ash is one of the UK's pioneers in SSDAB and has overseen the establishment and successful operation of a number of small scale DAB multiplexes.

Our multiplexing and encoding will be managed by Factum Radioscape, the world's leading DAB multiplexing provider. We will use Factum Radioscape's Multimuxa product to ensure excellent multiplex reliability and great audio quality for our services.

Transmission will be contracted to Commtronix who established themselves as a leading provider of engineering services to the radio industry. Of note, Commtronix has been responsible for the engineering of the Portsmouth trial small scale DAB multiplex since launch in 2015, along with the Basingstoke, Glasgow, Salisbury and Winchester small scale DAB multiplexes.

We have significant expertise amongst our shareholders too.

Nation Broadcasting is a leading UK commercial radio group, with substantial investments in DAB digital radio multiplexes, investments in technology company Factum Radioscape and a portfolio of ILR licences.

BFBS are a long established broadcaster with operations around the world, and have successfully run the incumbent trial Aldershot & Woking multiplex for nearly 8 years.

Nation and BFBS have worked successfully in partnership through Muxcast One Ltd, the company that has the Salisbury small scale DAB multiplex licence, and we look forward to replicating this success in Guildford & Woking.

- **We have a strong track record of providing affordable DAB capacity.**
- **We have a strong track record of engaging with C-DSP services.**
- **Our multiplexes have industry leading occupancy rates.**
- **Our multiplexes are reliable.**
- **We have strong financial backing.**
- **We will make sure the Guildford & Woking multiplex is a success.**

3.22 Please provide details of who will be carrying out the installation and on-going maintenance of your multiplexing / transmitter equipment (or the name of your proposed transmission and multiplex provider if you intend to use a third-party organisation for these services). Please also briefly state their previous relevant experience. (Note that any individuals or contractors who cannot be identified at this stage can instead be included in the confidential section [Part B] of the application form.)

Function	Responsible party	Previous experience
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Installation of transmission equipment	Commtronix Ltd	Significant experience of installation of DAB transmission systems for small and large broadcasters
Ongoing maintenance of the transmission equipment	Commtronix Ltd	Significant experience of installation of DAB transmission systems for small and large broadcasters
Installation of the Multiplexing equipment	Factum Radioscape Ltd	Significant experience of installation of DAB transmission systems for small and large broadcasters
Day-to-day technical management and maintenance of the multiplexing equipment (if different from response to question 3.28 above)	Ash Elford / Nation Broadcasting Ltd	Significant experience of managing DAB multiplexes.

Timetable for coverage roll-out

- 3.23 Please tell us how soon after license award you expect your multiplex service to become operational and achieve the coverage you are proposing:

We have written agreements in place to use all of our transmission sites. We have existing working relationships with our equipment suppliers and contractors. We are mindful that the existing trial multiplex licence expires on 31st December 2023. That being said, unless Ofcom grant a further extension to the trial licence it may not be possible to have a seamless transition to the new multiplex licence. We expect to launch fully within 12 months of Ofcom awarding the licence from all transmission sites.

- 3.24 In addition, please provide, as an annex to be submitted with this application, an outline project plan with timeline (e.g. a Gantt chart or similar) showing the high level activities and tasks leading up to the launch of your multiplex service.

See attached file.

4. Involvement of C-DSP providers; demand or support from programme providers

About this section

Section 51(2)(ca) of the 1996 Act requires Ofcom to take into account the desirability of awarding a small-scale radio multiplex licence to a body corporate that is providing – or proposing to provide – a C-DSP service in the locality being advertised (or involving such a person as a participant in the licence-holding company).

Section 51(2)(f) of the 1996 Act requires Ofcom to take into account evidence that the applicant has support from providers interested in having their existing or planned programme services carried on the proposed multiplex.

Note that we do not require applicants to provide us with a full line-up of services they intend to provide, or details about the content of those services.

Involvement of C-DSP providers

4.1 Is the applicant body proposing to provide its own C-DSP service on the multiplex?

No (please delete accordingly)

4.2 If the answer to the above question is 'yes', please provide a name and brief details of this proposed service. If the service is already licensed by Ofcom, the licence number should be provided:

- 4.3 If the answer to the above question is ‘no’, please provide details of any participant in the applicant body that is proposing to provide a C-DSP service on the multiplex. In this context, a “participant” refers to a person who holds or is beneficially entitled to shares in the applicant or possesses voting power in the applicant. If the service is already licensed by Ofcom, the licence number should be provided. Please refer to the nature of the participation (e.g. shareholding or agreement in relation to voting power):

BFBS – BFBS Aldershot

The service is currently a licenced Ofcom Community Radio service for Aldershot.

Kane FM Ltd – Kane FM

The service is currently a licenced Ofcom Community Radio service for Guildford.

Rush FM Ltd – B Radio

The service is currently a licenced Ofcom Community Radio service for Farnborough.

Demand or support from programme providers

- 4.4 Please provide in the table below (expanding the table if necessary) the names of providers (or prospective providers) of community or local digital sound programme services who have expressed their demand or support for the provision of the proposed multiplex service in the area to be served by the multiplex service. For reasons of transparency, the response to this question *must be answered below and should not be provided as a separate annex*. The evidence of the demand or support, such as signed heads of terms or emails, should be provided as a confidential annex, and relate only to the specific multiplex being applied for.

Name of service provider and station name (if known)	Proposed C-DSP or DSP	Nature of evidence of support provided
BFBS Aldershot BFBS	C-DSP	Shareholder service
B Radio Rush FM Ltd	C-DSP	Shareholder service
Kane FM Kane FM Ltd	C-DSP	Shareholder service
Radio Woking Radio Woking	C-DSP	Heads of Terms
Radio Wey Hospital Radio Wey	C-DSP	Heads of Terms
BFBS Gurkha BFBS	DSP	Shareholder service

Nation Radio UK Thames Radio Ltd	DSP	Shareholder controlled service
Nation 70s Thames Radio Ltd	DSP	Shareholder controlled service
Nation 80s Thames Radio Ltd	DSP	Shareholder controlled service
Easy Radio Thames Radio Ltd	DSP	Shareholder controlled service
Skylab Radio Skylab Radio Ltd	DSP	Heads of Terms
Force Radio Storm Digital Media Group Ltd	DSP	Heads of Terms
Colourful Vive Media Ltd	DSP	Heads of Terms
Angel Radio Angel Radio Ltd	DSP	Heads of Terms
Swinging Radio 60s Angel Radio Ltd	DSP	Heads of Terms
News Radio UK News Radio UK Ltd	DSP	Heads of Terms
Cosoro Radio Cosoro Ltd	DSP	Heads of Terms
XTRA HOT Dorset Community Radio Ltd	DSP	Heads of Terms
Lite Radio On Air Radio Ltd	DSP	Heads of Terms
Tomorrowland One World Radio Like Broadcasting North Ltd	DSP	Heads of Terms
Outreach Radio Outreach Radio Ltd	DSP	Heads of Terms
Outreach Dance Outreach Radio Ltd	DSP	Heads of Terms
Brooklands Radio Brooklands Radio CIC	DSP	Heads of Terms

Care Radio Care Radio CIC	DSP	Heads of Terms
Confidential – Dance music <i>Identity disclosed to Ofcom</i>	DSP	Heads of Terms
Confidential – Classic dance <i>Identity disclosed to Ofcom</i>	DSP	Heads of Terms

5. Fair and effective competition

About this section

Section 51(2)(g) of the 1996 Act requires Ofcom to assess whether, in contracting or offering to contract with programme service providers, the applicant has acted in a manner calculated to ensure fair and effective competition in the provision of community and local digital sound programme services.

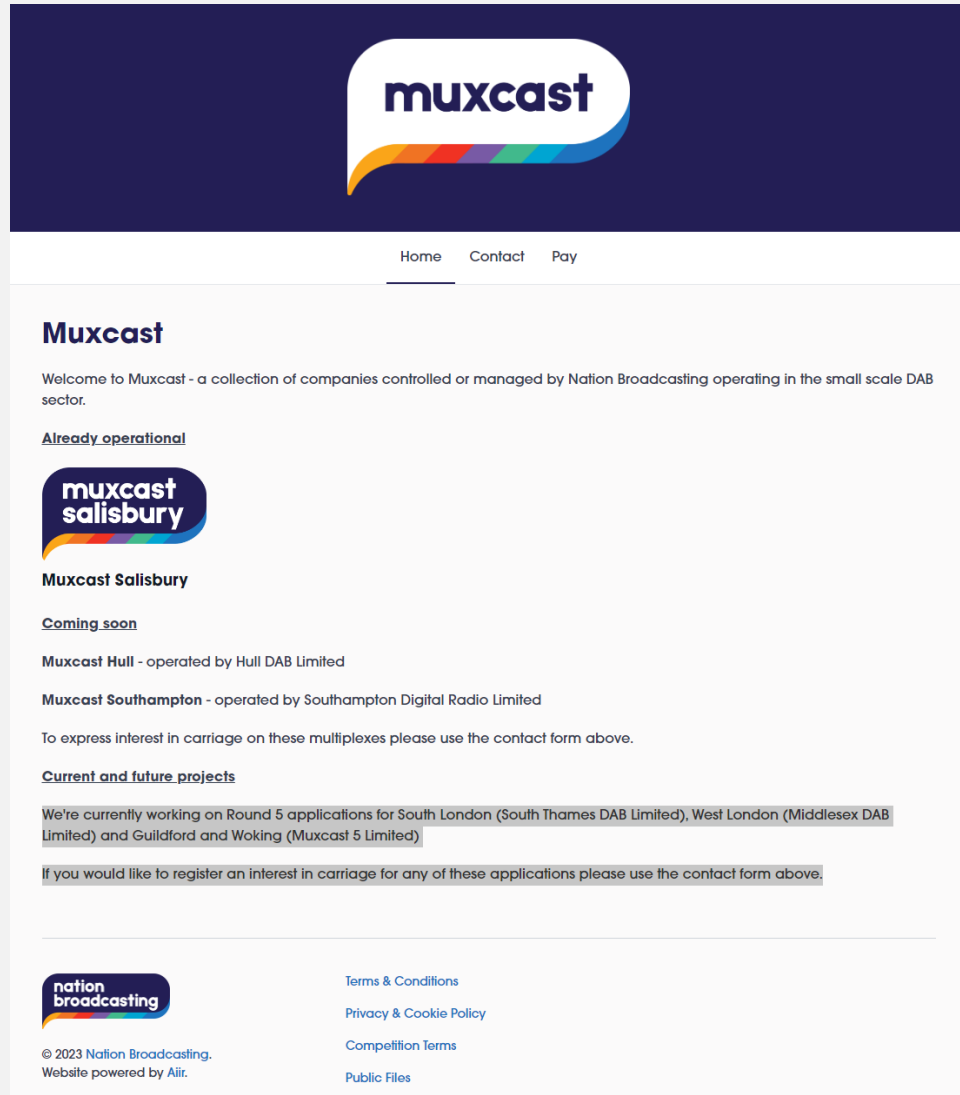
In assessing applications, we need to have confidence that the prospective small-scale radio multiplex licensee has approached a wide range of potential service providers. Negotiations that have taken place between the applicant and potential service providers need to have been demonstrably fair, and the terms of any contract for service provision must be fair and non-discriminatory.

Applicants should note there is one further question relating to fair and effective competition in Part B of the application form.

- 5.1 Please detail the measures that have already been taken, and will be taken before and during the licence period, to demonstrate that, in contracting or offering to contract with programme services providers, the applicant has acted in a manner calculated to ensure fair and effective competition in the provision of such services.

For example, how have you sought to engage a broad range of prospective service providers including those not directly involved as participants in the application and those who have decided not to proceed to express an interest or agree heads of terms at this stage, and how have you sought to make prospective service providers aware of your proposals and potential terms for carriage?

In preparation for our licence application, BFBS approached service providers already involved in the Aldershot trial multiplex. Nation invited broadcasters that we have relationships elsewhere with to join our application, as well as other broadcasters that we are aware of by email. We have placed a notice on our muxcast.com website asking interested services to contact us.



The screenshot shows the Muxcast website homepage. At the top is a dark blue header with the 'muxcast' logo in white. Below the header is a navigation bar with links for 'Home', 'Contact', and 'Pay'. The main content area is white and features the following sections:

- Muxcast**: A heading followed by the text 'Welcome to Muxcast - a collection of companies controlled or managed by Nation Broadcasting operating in the small scale DAB sector.'
- Already operational**: A sub-heading followed by the 'muxcast salisbury' logo.
- Muxcast Salisbury**: A sub-heading.
- Coming soon**: A sub-heading followed by two entries:
 - Muxcast Hull** - operated by Hull DAB Limited
 - Muxcast Southampton** - operated by Southampton Digital Radio Limited
- A text line: 'To express interest in carriage on these multiplexes please use the contact form above.'
- Current and future projects**: A sub-heading followed by the text 'We're currently working on Round 5 applications for South London (South Thames DAB Limited), West London (Middlesex DAB Limited) and Guildford and Woking (Muxcast 5 Limited)'. Below this is a link: 'If you would like to register an interest in carriage for any of these applications please use the contact form above.'

At the bottom of the page, there is a 'nation broadcasting' logo on the left, and a list of links on the right: 'Terms & Conditions', 'Privacy & Cookie Policy', 'Competition Terms', and 'Public Files'. The footer text reads: '© 2023 Nation Broadcasting. Website powered by Aiir.'

Ash Elford, through his consultancy company UK DAB Networks also contacted a significant number of service providers directly, as well as placing notices on its website, LinkedIn, social media and Wohnort.org.

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DAB Ensembles Worldwide

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23 YEARS WOHNORT



UK DAB Networks are involved with new small scale DAB applications either as shareholder or consultant as part of Round 5 of Ofcom's licencing programme.

- Aldershot/Guildford/Woking
- Alton/Haslemere/Petersfield
- London - North
- London - South
- London - West
- Portsmouth
- Reading
- South West Sussex

If you are interested in broadcasting your radio station on DAB to any of the above locations, please contact ash@ukdab.net by 17:00 on Wednesday 28th June 2023.

EId	Stereo	Stereo	Joint Stereo	Joint St LSF	Mono	Mono LSF	Dual Channel	Packet Data	Stream Data	DAB+ (Mode?)	DAB+ Stereo	DAB+ Mono	DAB+ 5.1
IV													

- Algeria
- Andorra
- Australia
- Austria
- Azerbaijan
- Bahrain
- Belarus
- Belgium
- Bosnia
- Brunei
- Bulgaria
- Canada
- China
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Egypt
- Estonia
- Finland
- France
- Germany
- Malaysia
- Malta
- Martinique
- Mexico
- Moldova
- Monaco
- Mongolia
- Montenegro
- Netherlands
- New Zealand
- N. Macedonia
- Norway
- Oman
- Poland
- Portugal
- Qatar
- Romania
- Saudi Arabia
- Serbia
- Singapore
- Slovakia
- Slovenia
- South Africa

Latest Updates and News

- June 26th**
Snapshot of the Netherlands local ensemble **DAB Lokaal 50** updated. Additional services **FeelGood 60s&70s** and **Sunrise FM** have popped up since the previous observation. **Erasmus Radio** has ceased. The service **NRG** has been relabelled **972**.
- June 26th**
Snapshot of the Netherlands local ensemble **RANDSTAD-ZW** updated. The service **NRG** has been relabelled **972** since the previous observation. This Ensemble's EId appears to be TS 101 756 non-compliant for a Netherlands ensemble.
- June 26th**
Snapshot of the Netherlands local ensemble **DAB Lokaal 5C** updated. **FeelGood 60s&70s** has replaced **SUNFM BEACHRADIO** since the previous observation. The service **NRG** has been relabelled **972**.
- June 26th**
North Cumbria snapshots corrected.

LinkedIn navigation bar with search bar, Home, My Network (4), Jobs, Messaging, and Notifications (1).

UK DAB Networks Super admin view

- Home
- Jobs
- Analytics
- Activity (4)
- Inbox

UK DAB Networks
30 followers
4d •

UK DAB Networks are involved with new small scale DAB applications either as shareholder or consultant as part of Round 5 of Ofcom's licencing programme.
Aldershot/Guildford/Woking
Alton/Haslemere/Petersfield
London - North
London - South
London - West
Portsmouth
Reading
South West Sussex

If you are interested in broadcasting your radio station on DAB to any of the above locations, please contact us either on LinkedIn or through our website by 17:00 on Wednesday 28th June 2023.

UK DAB Networks - Contact
ukdab.net • 1 min read

1

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UK DAB Networks
504 likes • 531 followers

Posts About Mentions Reviews Followers Photos More

Review changes to your Page
UK DAB Networks has been updated to the new Pages experience. We can help you review what's changing.
[Get started](#)

Intro
Your DAB digital radio specialist. UK DAB Networks are a multiplex operator and digital radio consul
Page · Telecommunication company

Posts Filters

UK DAB Networks is 🥳 feeling excited.
23 June at 22:18 · 🌐

UK DAB Networks are involved with new small scale DAB applications either as shareholder or consultant as part of Round 5 of Ofcom's licencing programme.

Aldershot/Guildford/Woking
Alton/Haslemere/Petersfield
London - North
London - South
London - West
Portsmouth
Reading
South West Sussex

If you are interested in broadcasting your radio station on DAB to any of the above locations, please contact us either on Facebook or through our website by 17:00 on Wednesday 28th June 2023.

Boost this post to reach up to 870 more people daily if you spend £14. [Boost post](#)

Post licence award, we will maintain a website and social media presence and invite broadcasters to contact us. If we are oversubscribed with interest from broadcasters, we will keep interest on file and contact them when capacity becomes available. We will allocate the capacity in a way that ensures the greatest diversity of formats and service providers. **We will treat C-DSP and DSPS providers fairly.**

Nation has an excellent track record in ensuring a high occupancy rate and diverse range of services are broadcast on our multiplexes. We will build on our reputation for providing genuine choice for listeners, and an accessibility platform for broadcasters, with the Guildford & Woking DAB multiplex.

6. Declaration

About this section

This form must be submitted by the body corporate which will hold the licence. The declaration must be certified by a company director or the company secretary, and covers all information provided by in the applicant in both Part A and Part B of the application form. The declaration must also be dated.

- a) I hereby apply to Ofcom for the grant of a licence for the small-scale radio multiplex licence described above and declare that the information given in this application form is, to the best of my knowledge and belief, correct.
- b) I further declare and warrant:
 - i) that the applicant is not a disqualified person within the meaning of that expression as defined in Part 2 of Schedule 2 to the Broadcasting Act 1990, as amended, or as a result of a disqualification order under section 145 of the Broadcasting Act 1996;
 - ii) that having made all reasonable enquiries neither the applicant nor any person controlling the applicant, as result of the grant to me of the licence, breach any requirement of Schedule 14 to the Communications Act 2003 with regard to the accumulation of interests in broadcasting services or to the restrictions on cross-media interests;
 - iii) that the applicant is not disqualified by virtue of the provisions of section 143 (5) of the Broadcasting Act 1996 in relation to political objects and the provisions of section 144 (3) of the Broadcasting Act 1996 in relation to the provision of false information or through the withholding of information with the intention of misleading Ofcom; and
 - iv) that no director or person concerned directly or indirectly in the management of the Licensee is the subject to a disqualification order as defined by section 145 (1) of the Broadcasting Act 1996.
- c) I understand that Ofcom reserves the right to revoke the licence (if granted) if at any time any material statement made to Ofcom is found to be false and to have been by the applicant or any member or officer thereof knowing it to be false. I also understand that under sections 144 and 145 of the Broadcasting Act 1996, the provision of false information could incur a criminal conviction and a disqualification from the holding of a Broadcasting Act licence. I further certify that, to the best of my knowledge, any matters which might influence Ofcom's judgement as to whether the directors and substantial shareholders involved in this application are fit and proper persons to participate in a radio licence, have been made known to Ofcom.

Full name (BLOCK CAPITALS) of the person authorised to make the application of behalf of the applicant:

JASON SCOTT BRYANT

Date of application:

Friday 30th June 2023

I am authorised to make this application on behalf of the applicant in my capacity as (delete as appropriate):

Company director.

You now need to complete the confidential section (Part B) of the application form.