

Advertisement of licences for small-scale radio multiplex services

Round Six

Welsh version available

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1. Overview

- 1.1 In this document, Ofcom proposes to grant licences to provide small-scale radio multiplex services, and is inviting applications for licences for the following areas:
 - Ayr, Troon and Irvine
 - Barrow-in-Furness
 - Bournemouth and Boscombe
 - Bridgend
 - Carlisle and Penrith
 - Catterick, Rippon and Thirsk
 - Corby and Kettering
 - Cumbernauld and Coatbridge
 - East Devon
 - Erewash
 - Halifax
 - Huddersfield
 - Huntingdon
 - Isle of Wight
 - Lanarkshire
 - Larne, Carrickfergus and Newtown Abbey
 - North Ayrshire
 - Nuneaton and Hinckley
 - Paisley and West Glasgow
 - Poole, Purbeck and Wimbourne
 - Portadown and Craigavon
 - South Craven, Wharfedale and Worth Valley
 - Sunderland
 - Walsall
 - Weymouth, Dorchester and Bridport
 - Workington and Whitehaven
 - Yeovil
- 1.2 In addition, we are also inviting applications in this round for licences to serve the following areas which are being re-advertised:
 - Swansea
 - Warminster, Devizes and Trowbridge
 - Wigan
 - Wetherby
- 1.3 Note that in the case of Wetherby, the locality has been significantly amended (it was previously advertised as Wetherby and Harrogate).
- 1.4 A radio multiplex service is the means by which DAB digital radio stations are broadcast and can provide around 10 stereo radio stations (and around 20 stereo services if DAB+ is utilised).
- 1.5 The advertisement of these licences constitutes Round Six of Ofcom's programme of small-scale DAB licensing, as set out in our <u>statement on small-scale DAB licensing</u> published in April 2020. Note that we intend to award no more than one small-scale radio multiplex

- licence for each area that we advertise (i.e. we have no plans to award additional small-scale radio multiplex licences for a given area once a small-scale radio multiplex service has been licensed by us to serve that area).
- 1.6 Small-scale radio multiplex licences are awarded by Ofcom in a competitive process. This means that applications are judged against specified criteria, and Ofcom awards each licence to the applicant which it considers best meets the criteria.
- 1.7 The closing-date for applications for the small-scale radio multiplex licences listed above is **5pm** on **Thursday 18 July 2024**. The non-refundable application fee is £500.
- 1.8 Ofcom is also now inviting applications from potential programme service providers who would like to broadcast a Community Digital Sound Programme (C-DSP) service on a small-scale radio multiplex service for which a licence is being advertised in this document.

2. The licences being advertised

2.1 This section provides, for each small-scale radio multiplex licence we are advertising in Round Six, a map specifying the geographical area or locality which the licence is intended to cover, and relevant data for each licence area, including the adult population coverage.

The table below explains the data we provide in more detail:

| Data | Description |
|---|---|
| Licence area population | The total adult (aged 15+) population within the area that the advertised multiplex licence is intended to cover (i.e. the population enclosed by the red line on the map). This, and all other population data in these tables, is derived from 2011 Census data. |
| Size of licence area | The geographical size, in square kilometres, of the area that the advertised multiplex licence is intended to cover (i.e. the area enclosed within the red line on the map). The figure includes areas of sea where applicable. |
| Reserved C-DSP capacity | The small-scale DAB legislation requires Ofcom to ensure that small-scale radio multiplex licensees reserve broadcast capacity for a minimum of three Community Digital Sound Programme ('C-DSP') services. It also requires us to specify this reservation at the time of advertising a small-scale radio multiplex licence. For each licence we are advertising, Ofcom has determined the number of C-DSP services for which capacity must be reserved. These decisions were taken based on the factors set out in paragraph 6.13 of our <u>licensing small-scale DAB statement</u> . The licensee must ensure that at least 36 capacity units ¹ are reserved for each C-DSP service. For example, a capacity reservation for three services means that 108 capacity units (i.e. 3 x 36 capacity units) must be reserved exclusively for use by C-DSP services. This capacity cannot be used by the multiplex licensee for any purpose other than for the carriage of radio |
| Local DAB service 1 (and licence area population) | This is the name of an existing local radio multiplex service which overlaps with the area to be covered by the small-scale radio multiplex service for which the licence is being advertised. The total adult (aged 15+) population within the existing local radio multiplex service's licensed area (which may be larger than the area it serves from its current transmitter network) is noted in brackets. Where more than one existing local radio multiplex service overlaps with the small-scale radio multiplex licence area being advertised, additional rows labelled 'Local DAB service 2 []' and "Local DAB service 3 []' are included as appropriate. |

¹ 36 capacity units is equivalent to a DAB+ bitrate of 48 kbit/s at protection level EEP3A.

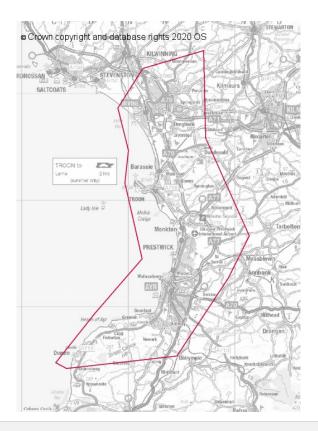
| Data | Description |
|---|---|
| Local DAB service 1 population overlap (and percentage) | The adult (aged 15+) population falling within the advertised small-scale radio multiplex licence area which also falls within the licensed area of the overlapping local radio multiplex service noted above. This overlapping population is provided as an absolute figure, and also as a percentage of the local radio multiplex service's total licensed area population in brackets. The extent of overlaps between small-scale and local radio multiplex service licensed areas is relevant, as there is a legal requirement to limit such overlaps to no more than 40% of the population in the licensed area of the existing local radio multiplex service. |
| Proposed frequency block | The nominal transmission frequency which has been allocated to the advertised small-scale radio multiplex licence area, and on which we intend for the service to be provided. Applicants should note that the frequency given here is provisional, reflecting Ofcom's intention at time of advertisement. It may change prior to licence award for spectrum management reasons, but applicants must base their applications on the specified frequency. |
| Co-block small-scale DAB licence areas and/or local multiplexes | Lists any nearby small-scale radio multiplex services and/or any existing (or proposed) local radio multiplex services which share or may share the nominal transmission frequency block above. A spreadsheet containing links to licence area data and population data for these potential co-block areas is available on the Ofcom website: Supporting technical data and links for Round Six locations. This data is in MapInfo Interchange Format and can be imported into geographic information system (GIS) software packages. The spreadsheet also contains links to standalone maps for all small-scale and local radio multiplex licensed areas. The information on co-block DAB services is relevant given that there are limits on the amount of signal strength that a small-scale radio multiplex service can place into the licensed area of another radio multiplex service which uses the same frequency block. These signal strength limits are 38 dB μ V/m at 10m height in the case of other small-scale radio multiplex licensed areas, and 29 dB μ V/m at 10m height where local radio multiplex services use co-block frequencies. In the tables below for each map, local radio multiplex services are identified by the letters 'LRMS' following the area name. Other area names denote other actual or planned small-scale multiplex areas. |
| Additional information | Further information or constraints that Ofcom believes the applicant for the specific licence area should be aware of. This may include such things as advice on areas of higher-than-expected interference, specific concerns about outgoing interference, and use of certain transmitter sites. |

| Data | Description |
|--|--|
| International issues | Information on what limits apply to the signal levels that the small-scale multiplex service can place into neighbouring countries. The limits on the UK's ability to put signals into other countries vary by frequency block and are also expressed as a total of all of the services operating on those blocks. |
| | The information set out in the advertisement represents Ofcom's estimate of the limits that will need to apply to the technical plans for each advertised area to enable the UK to comply with the agreements we have with neighbouring countries. The estimates are based on our assumptions about the number of areas that will use a particular frequency block (including some that are yet to be advertised), and the technical plans that applicants will submit. The actual limits that licensees will need to comply with may be different, and in some cases could be slightly less restrictive, once we know where licences are awarded, and the transmitter plans those successful applicants have proposed to implement. |
| <link area="" data="" licence="" to=""/> | A link to data files which describe the geographic licence area. This data is in MapInfo Interchange Format and can be imported into a geographic information system (GIS) software package. |
| <link/> to population data> | A link to data files containing the population distribution within the licence area. This data is in MapInfo Interchange Format and can be imported into a geographic information system (GIS) software package. |
| | |

- 2.2 Each small-scale radio multiplex licence will be granted for a period of seven years from the commencement of broadcasting, with a further five-year renewal period available. Services must be on air within 18 months of the licence being awarded. This is a legal requirement of the small-scale DAB legislation and successful applicants should expect Ofcom to apply it strictly.
- 2.3 At the same time as Ofcom is advertising the Round Six small-scale radio multiplex licences, we are also inviting applications from potential programme service providers who would like to broadcast a Community Digital Sound Programme ('C-DSP') service on any of the small-scale radio multiplex services for which a licence is being advertised in this document. There is no deadline by which an application for a C-DSP licence must be submitted to Ofcom. This means that the window for making an application for a C-DSP licence for a service to be provided on any of the small-scale radio multiplex services for which a licence is being advertised in Round Six is now 'open' for the foreseeable future. Prospective C-DSP licence applicants should also note that the C-DSP licence application process does not require them to align themselves with one or more applicants for the licence for the small-scale DAB radio multiplex service that they wish to broadcast on, and they can, if they so wish, wait until after the small-scale radio multiplex licence has been awarded before submitting a C-DSP licence application. However, we would advise multiplex applicants and potential C-DSP

- providers to liaise with each other at an early stage as a broadcaster will need a carriage agreement as well as a Ofcom licence.
- 2.4 There is no restriction on an applicant for a small-scale radio multiplex licence also applying for a C-DSP licence to broadcast on that small-scale radio multiplex service (i.e. a small-scale radio multiplex licensee can also broadcast a C-DSP service on its own multiplex). Indeed, one of the matters the legislation requires Ofcom to consider in awarding a small-scale multiplex licence is the desirability of awarding to an applicant who is, or has as a participant, someone proposing to provide a C-DSP service in that locality.
- 2.5 The application forms (<u>Part A</u> and <u>Part B</u>) and accompanying <u>guidance notes</u> for C-DSP applicants and licensees are available on Ofcom's website.
- 2.6 Ofcom reserves the right to alter or correct any part of this Notice at any stage before the closing date for applications. Any additional documents referred to in this Notice may also be amended from time to time. Any such alterations, corrections or supplementary information will be made available on our website.
- 2.7 The information given in this Notice is not an exhaustive account of the statutory and licensing requirements and should not be regarded as a complete and authoritative statement of the law. Nor does any information we issue, whether in this Notice or elsewhere, imply any judgement by us as to commercial prospects for the applications, or that licensed services will be profitable.
- 2.8 Applicants must make their own independent assessment after taking their own professional advice and making such further investigations as they deem necessary on all relevant matters.
- 2.9 We make no representation or warranty, expressly or implied, with respect to information contained in this Notice (together with other documents referred to in this Notice as well as any other information we publish related to matters relevant to this Notice, including such information that we may publish in relation to applications received) or with respect to any written or oral information made or to be made available to any potential applicant or its professional advisors. Any liability therefore is expressly disclaimed, and we do not therefore accept liability for any losses, expenses or damage otherwise suffered or incurred as a result of preparing any applications based on or pursuant to this Notice or otherwise relying on information set out herein, whether or not applications are submitted, and whether or not they are successful.

Ayr, Troon and Irvine



Population within the advertised area: 105,234

Size of advertised area (km²): 257 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Ayrshire (311,912)

Local DAB service 1 population overlap (and percentage): 105,234 (33.74%)

Local DAB service 2 (and licence area population): Glasgow (1,888,146)

Local DAB service 2 population overlap (and percentage): 36,134 (1.91%)

Proposed frequency block: Block 9A

Possible co-block small-scale DAB areas to be protected:

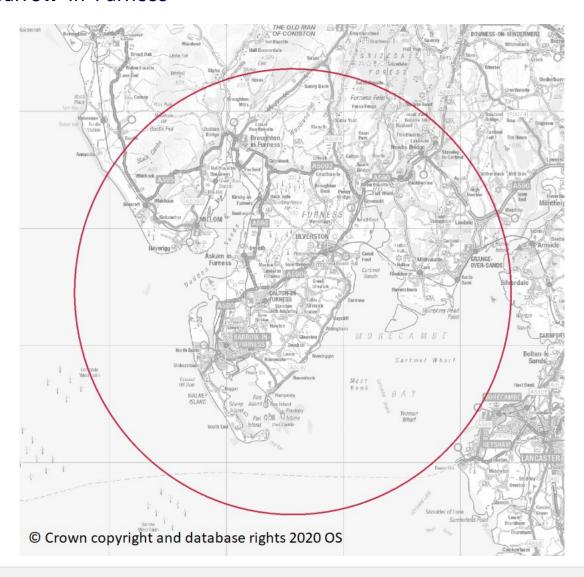
This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Pitlochry & Aberfeldy, East Edinburgh & South Forth coast, and Belfast & Lisburn.

Additional information:

None

International issues: Ofcom does not expect this service to cause or be subject to any international interference issues. See <u>advertised area data</u> and <u>population data</u> for this region.

Barrow-in-Furness



Population within the advertised area: 92,161

Size of advertised area (km²): 1,079 km²
Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Morecambe Bay (282,730)

Local DAB service 1 population overlap (and percentage): 92,161 (32.60%)

Proposed frequency block: Block 9C

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas; Wetherby, Halifax, Wigan and Newry.

Additional information:

If applicants wish to use the existing Morecambe Bay DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

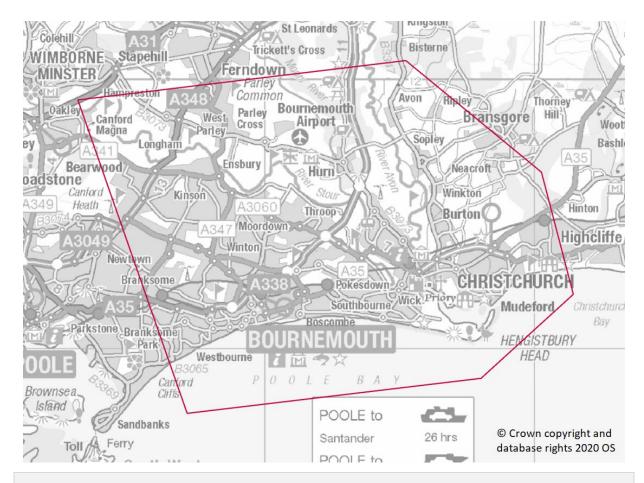
Within this advertised area, some isolated areas of high ground may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

Interference into the Republic of Ireland should be kept to a minimum. Networks should be designed to minimise levels of field strength towards the Republic of Ireland by careful site selection, limitation of maximum transmitter powers and the use of directional transmitting antennas as appropriate. It should be noted that, if future developments within the Republic of Ireland result in their need to use Band III spectrum, Ireland has the rights to implement networks in line with existing international agreements. In the event this happens, Ofcom will work with the small-scale DAB licence holder(s) to resolve any potential interference issues, and this could potentially require a change of transmission frequency or other measures.

Bournemouth and Boscombe



Population within the advertised area: 224,030

Size of the advertised area (km²): 173 km²

Reserved C-DSP capacity: SEVEN services

Local DAB service 1 (and licence area population): Bournemouth & Dorset (653,110)

Local DAB service 1 population overlap (and percentage): 224,030 (34.30%)

Proposed frequency block: Block 8B

Possible co-block small-scale DAB licence areas to be protected: This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Swindon & Marlborough, Basingstoke, South West Sussex, Portsmouth, Torbay, West Somerset & Lynton.

Additional information:

None

International issues:

Out-going interference toward France should not exceed the following levels:

30 dBµV/m on the coast of Brittany

36 dBµV/m on the Cherbourg Peninsula

 $30 \text{ dB}\mu\text{V/m}$ on the coast of Normandy up to the border between France and Belgium.

Bridgend



Population within the advertised area: 201,894

Size of the advertised area (km²): 920 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): South-east Wales (1,154,815)

Local DAB service 1 population overlap (and percentage): 125,148 (10.83%)

Local DAB service 2 (and licence area population): Swansea (596,014)

Local DAB service 2 population overlap (and percentage): 142,788 (23.95%)

Proposed frequency block: Block 8A

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Newport & Chepstow, Bath & Midsomer Norton, Taunton, East Cornwall, and North Pembrokeshire.

Additional information:

If applicants wish to use the existing St Hilary DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

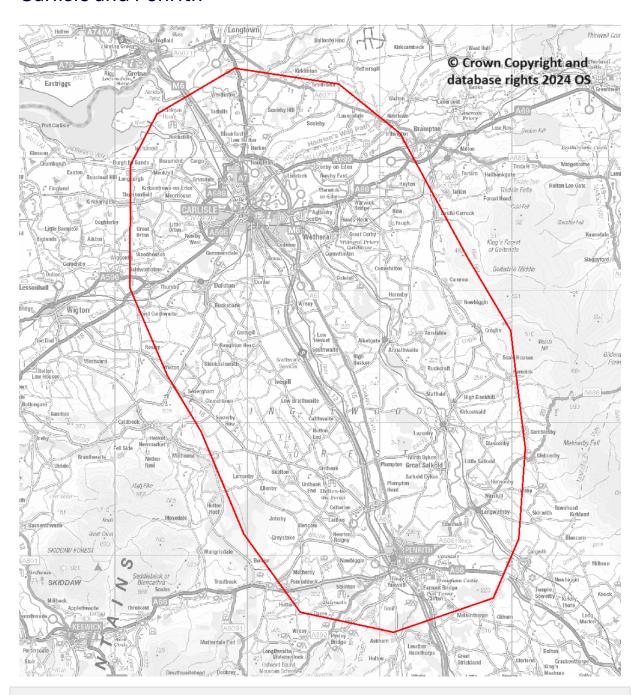
Within this advertised area, some isolated areas of high ground in the northern part of the advertised area along with some elevated areas to the north and east of Cowbridge / Y-Bont-Faen may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Carlisle and Penrith



Population within the advertised area: 106,158

Size of advertised area (km²): 905 km²
Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): North Cumbria (267,793)

Local DAB service 1 population overlap (and percentage): 106,158 (39.64%)

Proposed frequency block: Block 7D

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dBµV/m to the following small-scale DAB areas; Girvan & Cumnock, Berwickshire & North Roxburgh, Sunderland, Catterick Ripon & Thirsk, and Lancaster.

Additional information:

Since Ofcom's consultation on licensing small-scale DAB, two local DAB multiplexes have commenced broadcasting in Cumbria. These have smaller licence areas and population than the whole of Cumbria area that was used for the consultation. Consequently, the size of the Carlisle & Penrith, Lancaster, and Workington & Whitehaven small-scale DAB areas have been modified to comply with the 40% local DAB population overlap criteria.

If applicants wish to use the nearby Caldbeck or Sandale transmitter sites, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference and other coverage criteria.

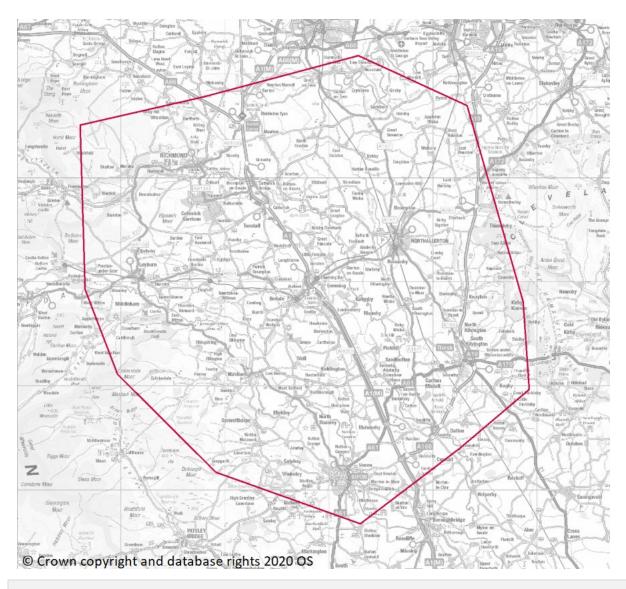
Within this advertised area, some isolated elevated locations may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Catterick, Ripon and Thirsk



Population within the advertised area: 106,141

Size of advertised area (km²): 1,427 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): North Yorkshire (670,391)

Local DAB service 1 population overlap (and percentage): 103,435 (15.43%)

Local DAB service 2 (and licence area population): Teesside (800,680)

Local DAB service 2 population overlap (and percentage): 68,921 (8.61%)

Proposed frequency block: Block 7D

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Sunderland, Wakefield, Castleford & Dewsbury, Manchester, Lancaster, and Carlisle & Penrith.

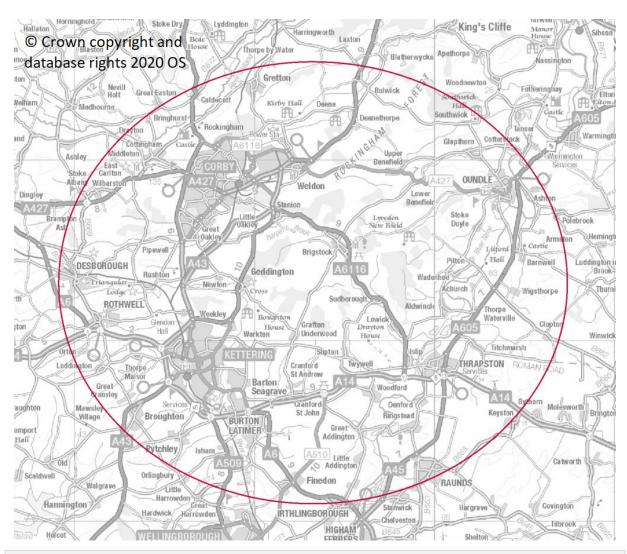
Additional information:

None

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Corby & Kettering



Population within the advertised area: 150,487

Size of advertised area (km²): 522 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Leicestershire (837,102)

Local DAB service 1 population overlap (and percentage): 234 (0.03%)

Local DAB service 2 (and licence area population): Northamptonshire (531,211)

Local DAB service 2 population overlap (and percentage): 144,235 (27.15%)

Local DAB service 3 (and licence area population): Peterborough (442,822)

Local DAB service 3 population overlap (and percentage): 6,018 (1.36%)

Proposed frequency block: Block 9B

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Bury St Edmunds, Thetford & Mildenhall, Harlow, Milton Keynes, Coventry, and Leicester.

Additional information:

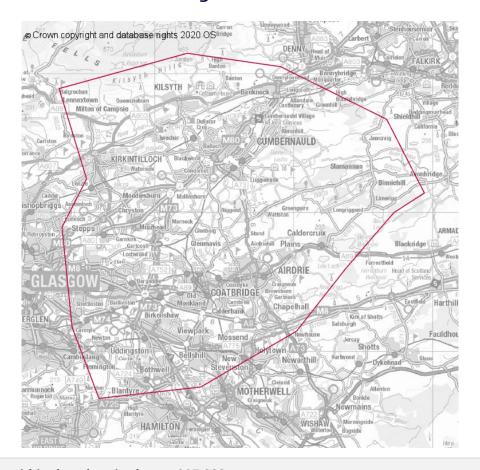
If applicants wish to use the existing Geddington DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

As a result of proximity and topography, it may be challenging for applicants to maintain outgoing interference below the levels specified in the Notes of Guidance within the northern parts of the Milton Keynes small-scale DAB area around Yardley Chase and Salcey Forest and some areas south of Newton Blossomville. Ofcom expects applicants to pay particular attention to keep any such interference to a minimum.

Within this advertised area, the high ground of Rockingham Forest and around Finedon may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

Cumbernauld and Coatbridge



Population within the advertised area: 327,088

Size of the advertised area (km²): 454 km²

Reserved C-DSP capacity: SIX services

Local DAB service 1 (and licence area population): Edinburgh (1,266,453)

Local DAB service 1 population overlap (and percentage): 4,802 (0.37%)

Local DAB service 2 (and licence area population): Glasgow (1,888,146)

Local DAB service 2 population overlap (and percentage): 327,088 (17.32%)

Proposed frequency block: Block 8A

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB area: Midlothian

Additional information: If applicants wish to use the Black Hill or Kirk o' Shotts DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

International issues: Ofcom does not expect this service to cause or be subject to any international interference issues.

East Devon



Population within the advertised area: 136,187

Size of the advertised area (km²): 1,449 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Exeter, Torbay and North Devon (704,183)

Local DAB service 1 population overlap (and percentage): 104,543 (14.86 %)

Local DAB service 2 (and licence area population): Somerset (522,893)

Local DAB service 2 population overlap (and percentage): 31,644 (6.05 %)

Proposed frequency block: Block 9C

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Weston-Super-Mare, Warminster, Devizes & Trowbridge, Poole, Purbeck & Wimborne, and Plymouth.

Additional information:

If applicants wish to use the existing Beer, Budleigh Salterton, Lyme Regis, Sidmouth or Stockland Hill DAB transmitter sites, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

Within this advertised area, some parts of the Blackdown Hills, including areas around Chard, may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

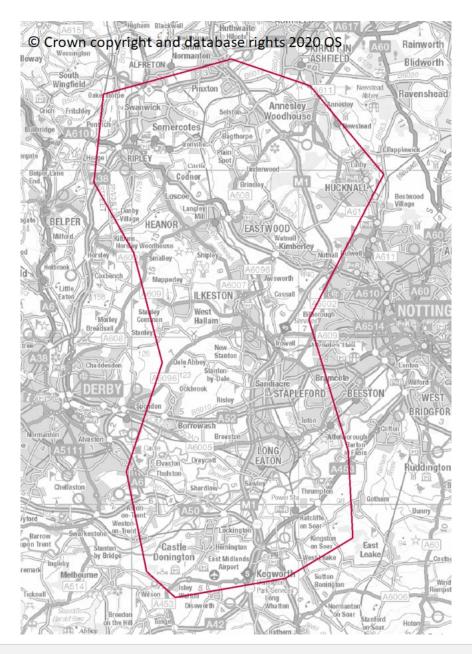
Out-going interference toward France should not exceed the following levels:

30 dBμV/m on the coast of Brittany

36 dBμV/m on the Cherbourg Peninsula

 $30 \; dB\mu V/m$ on the coast of Normandy up to the border between France and Belgium.

Erewash



Population within the advertised area: 280,477

Size of the advertised area (km²): 382 km²

Reserved C-DSP capacity: SIX services

Local DAB service 1 (and licence area population): Derbyshire (647,026)

Local DAB service 1 population overlap (and percentage): 158,248 (24.46%)

Local DAB service 2 (and licence area population): Leicestershire (837,102)

Local DAB service 2 population overlap (and percentage): 9,101 (1.08%)

Local DAB service 3 (and licence area population): Nottinghamshire (1,007,638)

Local DAB service 3 population overlap (and percentage): 242,656 (24.08%)

Proposed frequency block: Block 9A

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dBµV/m to the following small-scale DAB areas: Leeds, Scunthorpe, Grantham & Sleaford, Huntingdon, Rugby & Daventry, North Birmingham, and Congleton & Leek.

Additional information:

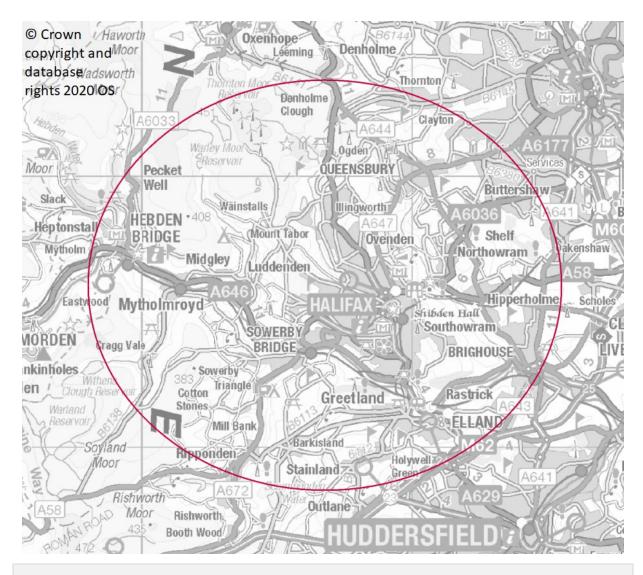
As a result of proximity and topography, it may be challenging for applicants to maintain outgoing interference below the levels specified in the Notes of Guidance within the western parts of the Grantham & Sleaford small-scale DAB area particularly around Hough-on-the-Hill and high ground between Denton, Waltham-on-the-Wolds and Belvoir or north of Sutton Coldfield within the North Birmingham small-scale DAB area. Ofcom expects applicants to pay particular attention to keep any such interference to a minimum.

Within this advertised area, some areas along the M1 west of Hucknall and south of Nuthall, along with high ground between New Stratton and the A52 may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

See licence area data and population data for this region.

Halifax



Population within the advertised area: 175,720

Size of the advertised area (km²): 206 km²
Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Bradford and Huddersfield (934,540)

Local DAB service 1 population overlap (and percentage): 175,720 (18.80%)

Proposed frequency block: Block 8B

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Wetherby, Sheffield & Rotherham, Mid-Cheshire and Wigan.

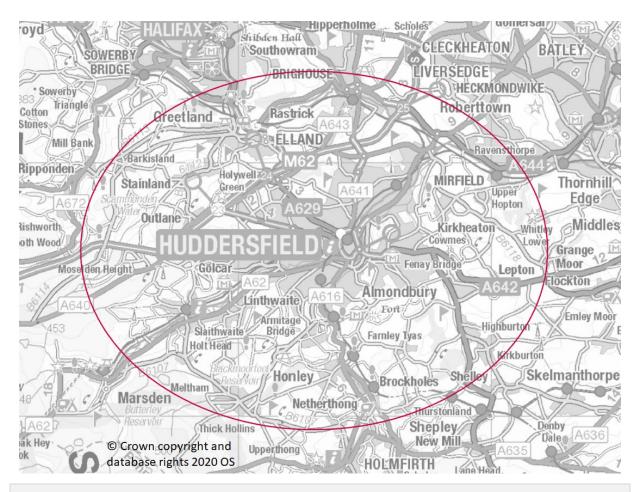
Additional information:

If applicants wish to use the Ainley Top DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

Within this advertised area, some areas of high ground between Halifax and Bradford as well as around Warley Moor and Thorton Moor may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

Huddersfield



Population within the advertised area: 204,144

Size of the advertised area (km²): 204 km²

Reserved C-DSP capacity: FIVE services

Local DAB service 1 (and licence area population): Bradford and Huddersfield (934,540)

Local DAB service 1 population overlap (and percentage): 203,942 (21.82%)

Local DAB service 2 (and licence area population): Leeds (1,152,218)

Local DAB service 2 population overlap (and percentage): 9,898 (0.09%)

Proposed frequency block: Block 8A

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas; Doncaster, Stockport, and Blackburn, Burnley & Darwen.

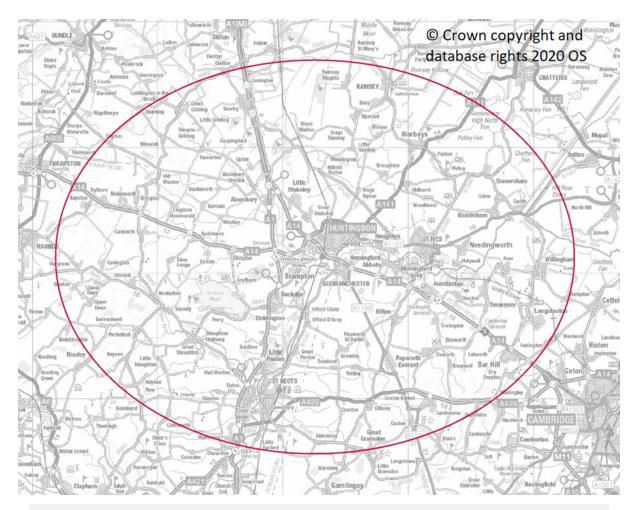
Additional information:

If applicants wish to use the Ainley Top or Emley Moor DAB transmitter sites, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

Within this advertised area, high ground from Worts Hill to Ainley Top as well as around Grange Hill and east of Brockholes may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

Huntingdon and surrounding area



Population within the advertised area: 149,418

Size of advertised area (km2): 966 km2

Reserved C-DSP capacity: FIVE services

Local DAB service 1 (and licence area population): Cambridge (417,895)

Local DAB service 1 population overlap (and percentage): 88,201 (21.11%)

Local DAB service 2 (and licence area population): Herts, Beds and Bucks (2,008,567)

Local DAB service 2 population overlap (and percentage): 10,497 (0.52%)

Local DAB service 3 (and licence area population): Northamptonshire (531,211)

Local DAB service 3 population overlap (and percentage): 211 (0.04%)

Local DAB service 4 (and licence area population): Peterborough (442,822)

Local DAB service 4 population overlap (and percentage): 58,535 (13.22%)

Proposed frequency block: Block 9A

Possible co-block small-scale DAB areas to be protected:

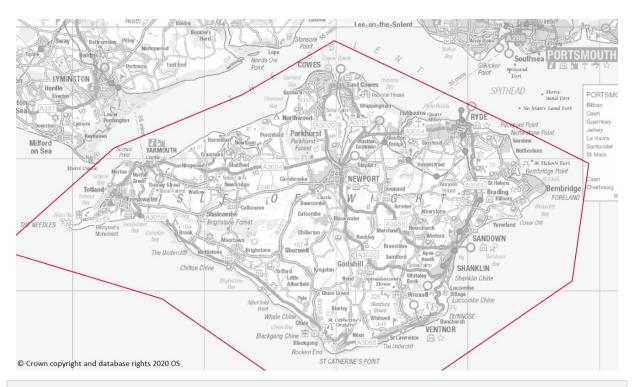
This service must not cause any significant interference above $38\ dB\mu V/m$ to the following small-scale DAB areas: Grantham & Sleaford, Colchester & Clacton, Chelmsford, Harlow, South Hertfordshire, North Berkshire & South Oxfordshire, and Rugby & Daventry.

Additional information:

Within this advertised area, some elevated areas west of St Neots and around and to the north of Little Raveley may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

Isle of Wight



Population within the advertised area: 117,343

Size of the advertised area (km²): 711 km²

Reserved C-DSP capacity: FIVE services

Local DAB service 1 (and licence area population): South Hampshire (1,203,463)

Local DAB service 1 population overlap (and percentage): 117,343 (9.75%)

Proposed frequency block: Block 9A

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Andover, Guildford & Woking, Eastbourne, and Yeovil.

Additional information:

Ofcom predictions indicate that if applicants wish to use the existing Chillerton Down, Ventnor or Rowridge DAB transmitter sites, or any coastal transmitter sites, a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

Within this advertised area, some elevated areas, particularly around The Needles and Brighstone Forest, as well as Stenbury & Shanklin Down may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

As a result of proximity and topography, it may be challenging for applicants to maintain outgoing interference below the levels specified in the Notes of Guidance within the elevated parts of the South Downs within the Eastbourne small-scale DAB area and on some high ground within the Andover small-scale DAB area. Ofcom expects applicants to pay particular attention to keep any such interference to a minimum.

Applicants should also design their technical plans to limit coverage of Portsmouth to avoid exceeding the 30% overspill criterion.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

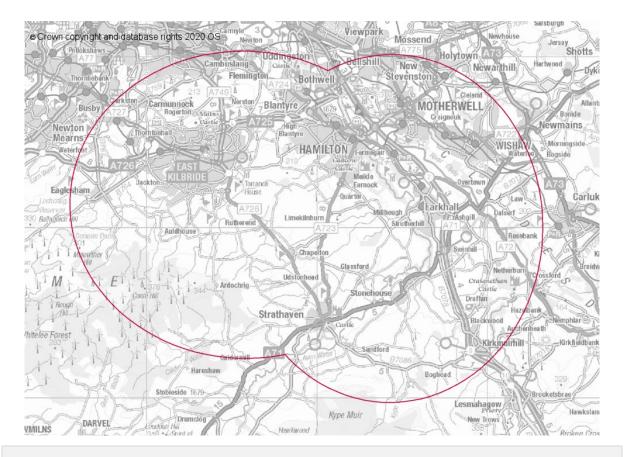
Out-going interference toward France should not exceed the following levels:

 $30 \; dB\mu V/m$ on the coast of Brittany

36 dBμV/m on the Cherbourg Peninsula

 $36\ dB\mu V/m$ on the coast of Normandy up to the border between France and Belgium.

Lanarkshire



Population within the advertised area: 267,047

Size of advertised area (km²): 448 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Glasgow (1,888,146)

Local DAB service 1 population overlap (and percentage): 267,047 (14.14%)

Proposed frequency block: Block 9B

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Perth, Edinburgh, and North Ayrshire.

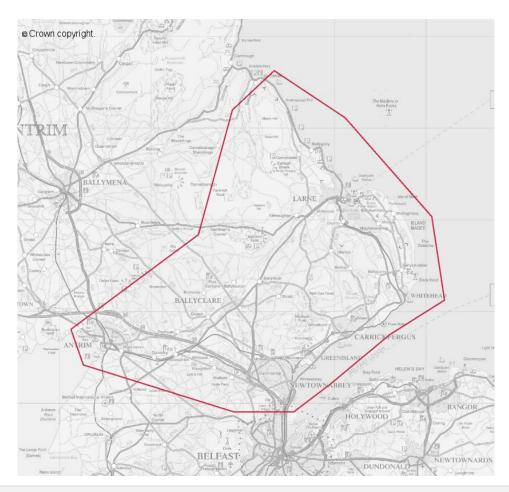
Additional information:

As a result of proximity and topography, it may be challenging for applicants to maintain outgoing interference below the levels specified in the Notes of Guidance on some elevated area such as Duchal Moor, Queenside Muir, Whitehead Moor and Mistylaw Muir within the North Ayrshire small-scale DAB area. Ofcom expects applicants to pay particular attention to keeping any such interference to a minimum.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues: Ofcom does not expect this service to cause or be subject to any international interference issues. See <u>advertised area data</u> and <u>population data</u> for this region.

Larne, Carrickfergus and Newton Abbey



Population within the advertised area: 153,642

Size of advertised area (km²): 838 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Northern Ireland (1,448,895)

Local DAB service 1 population overlap (and percentage): 153,387 (10.58%)

Proposed frequency block: Block 9B

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: North Ayrshire, Lanarkshire or Armagh.

Additional information:

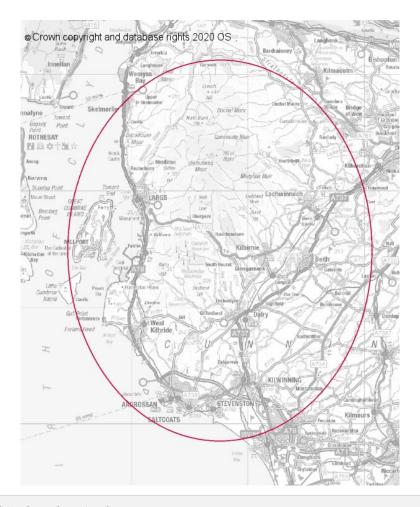
None

International issues:

Interference into the Republic of Ireland should be kept to a minimum. Networks should be designed to minimise levels of field strength towards the land and sea borders of the Republic of Ireland by careful site selection, limitation of maximum transmitter powers and the use of directional transmitting antennas as appropriate. It should be noted that, if future developments within the Republic of Ireland result in their need to use Band III spectrum, Ireland has the rights to implement

networks in line with existing international agreements. In the event this happens, Ofcom will work with the SSDAB licence holder(s) to resolve any potential interference issues, and this could potentially require a change of transmission frequency or other measures.

North Ayrshire



Population within the advertised area: 84,447

Size of advertised area (km²): 619 km²
Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Ayrshire (311,912)

Local DAB service 1 population overlap (and percentage): 80,973 (25.96%)

Local DAB service 2 (and licence area population): Glasgow (1,888,146)

Local DAB service 2 population overlap (and percentage): 84,447 (4.47%)

Proposed frequency block: Block 9B

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Perth, Edinburgh, Lanarkshire and Larne, Carrickfergus & Newton Abbey.

Additional information:

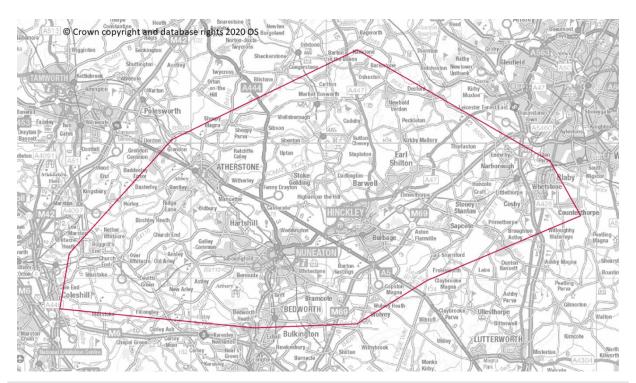
Within this advertised area, some elevated area such as Duchal Moor, Queenside Muir, Whitehead Moor and Mistylaw Muir may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Nuneaton and Hinckley



Population within the advertised area: 223,220

Size of advertised area (km²): 480 km²
Reserved C-DSP capacity: SIX services

Local DAB service 1 (and licence area population): Birmingham (2,012,043)

Local DAB service 1 population overlap (and percentage): 1,791 (0.09%)

Local DAB service 2 (and licence area population): Coventry (749,125)

Local DAB service 2 population overlap (and percentage): 148,330 (19.80%)

Local DAB service 3 (and licence area population): Leicestershire (837,102)

Local DAB service 3 population overlap (and percentage): 111,864 (13.36%)

Proposed frequency block: Block 7D

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas Nottingham, Peterborough, Northampton, Worcester, and Wolverhampton.

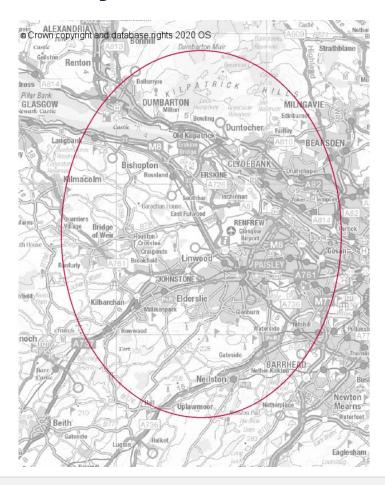
Additional information:

None

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Paisley and West Glasgow



Population within the advertised area: 316,880

Size of the advertised area (km²): 332 km²

Reserved C-DSP capacity: SEVEN services

Local DAB service 1 (and licence area population): Glasgow (1,888,146)

Local DAB service 1 population overlap (and percentage): 316,880 (16.78%)

Proposed frequency block: Block 7D

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dBµV/m to the following small-scale DAB areas; Glenrothes & Kirkcaldy, Berwickshire & North Roxburgh, and Girvan & Cumnock.

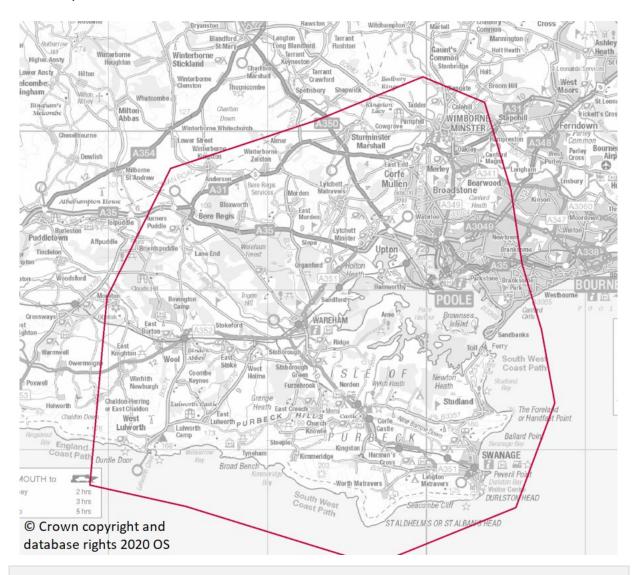
Additional information:

If applicants wish to use the Gleniffer Braes/Sergeant Law DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Poole, Purbeck and Wimborne



Population within the advertised area: 173,606

Size of licence the advertised area (km²): 656 km²

Reserved C-DSP capacity: SIX services

Local DAB service 1 (and licence area population): Bournemouth and Dorset (653,110)

Local DAB service 1 population overlap (and percentage): 173,606 (26.58 %)

Proposed frequency block: Block 9C

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Warminster, Devizes & Trowbridge, Winchester, East Devon, or Weston-Super-Mare.

Additional information:

If applicants wish to use the existing Nine Barrow Down DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

Within this advertised area, particularly the Purbeck Hills and Nine Barrow Down, may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

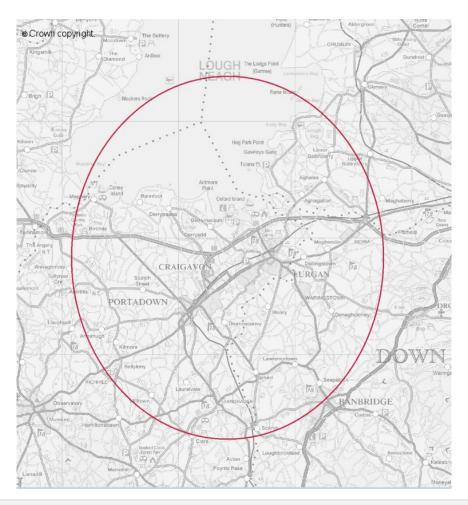
Out-going interference toward France should not exceed the following levels:

30 dBµV/m on the coast of Brittany

36 dBμV/m on the Cherbourg Peninsula

 $30 \text{ dB}\mu\text{V/m}$ on the coast of Normandy up to the border between France and Belgium.

Portadown and Craigavon



Population within the advertised area: 96,985

Size of advertised area (km²): 624 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Northern Ireland (1,448,895)

Local DAB service 1 population overlap (and percentage): 96,985 (6.69%)

Proposed frequency block: Block 8A

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas; Workington & Whitehaven.

Additional information:

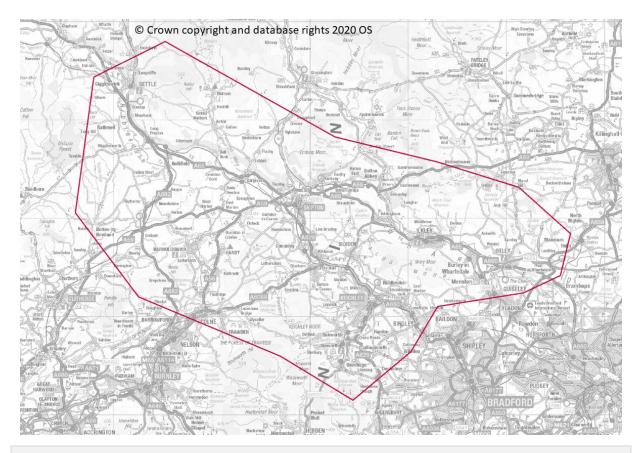
None

International issues:

Interference into the Republic of Ireland should be kept to a minimum. Networks should be designed to minimise levels of field strength towards the land and sea borders of the Republic of Ireland by careful site selection, limitation of maximum transmitter powers and the use of directional transmitting antennas as appropriate. It should be noted that, if future developments within the

Republic of Ireland result in their need to use Band III spectrum, Ireland has the rights to implement networks in line with existing international agreements. In the event this happens, Ofcom will work with the SSDAB licence holder(s) to resolve any potential interference issues, and this could potentially require a change of transmission frequency or other measures.

South Craven, Wharfedale and Worth Valley



Population within the advertised area: 201,349

Size of the advertised area (km²): 998 km²

Reserved C-DSP capacity: FIVE services

Local DAB service 1 (and licence area population): Bradford (934,540)

Local DAB service 1 population overlap (and percentage): 148,138 (15.85%)

Local DAB service 2 (and licence area population): Lancashire (1,287,627)

Local DAB service 2 population overlap (and percentage): 33,979 (2.64%)

Local DAB service 3 (and licence area population): Leeds (1,152,218)

Local DAB service 3 population overlap (and percentage): 46,026 (4.00%)

Local DAB service 4 (and licence area population): North Yorkshire (670,391)

Local DAB service 4 population overlap (and percentage): 38,308 (5.71%)

Proposed frequency block: Block 9B

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas; Darlington & Bishops Auckland, Hull, Barnsley, and Oldham & Rochdale.

Additional information:

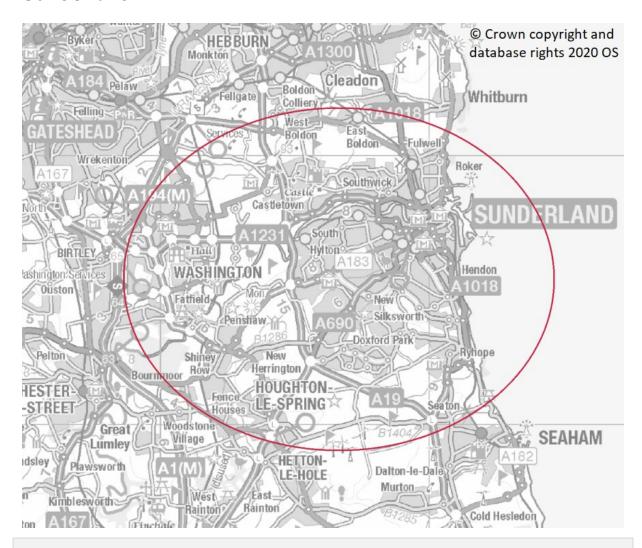
If applicants wish to use the existing, Hunters Stone, Keighley or Wharfedale DAB transmitter sites, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

As a result of proximity and topography, it may be challenging for applicants to maintain outgoing interference below the levels specified in the Notes of Guidance on some elevated areas within the Barnsley and Hull small-scale DAB areas. Ofcom expects applicants to pay particular attention to keep any such interference to a minimum.

Within this advertised area, some elevated areas may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future. These may include the moors to the north and south of Ilkley and Burley in Wharfedale as well as those to the north of Skipton.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

Sunderland



Population within the advertised area: 221,113

Size of the advertised area (km²): 157 km²

Reserved C-DSP capacity: SIX services

Local DAB service 1 (and licence area population): Tyneside (1,475,294)

Local DAB service 1 population overlap (and percentage): 221,113 (14.99%)

Proposed frequency block: Block 7D

Possible co-block small-scale DAB licence areas to be protected:

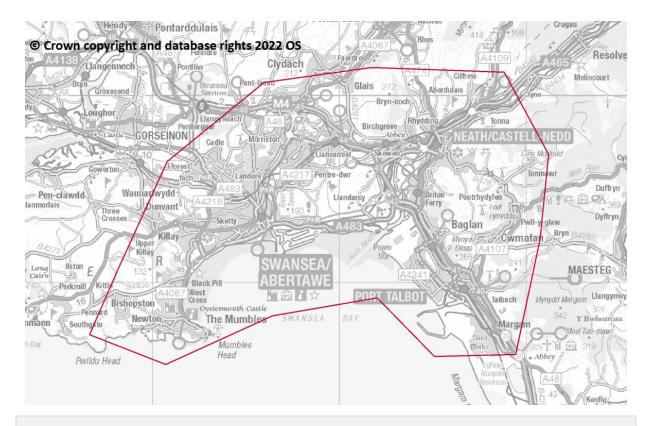
This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Berwickshire & North Roxburgh, Catterick, Ripon & Thirsk, and Carlisle & Penrith.

Additional information: None

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Swansea



Population within the advertised area: 230,805

Size of the advertised area (km²): 280 km²

Reserved C-DSP capacity: FIVE services

Local DAB service 1 (and licence area population): Swansea (596,014)

Local DAB service 1 population overlap (and percentage): 230,805 (38.72%)

Proposed frequency block: Block 7D

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: South Powys, Monmouth, North Somerset, Tiverton, and Falmouth, Penzance & Redruth.

Additional information:

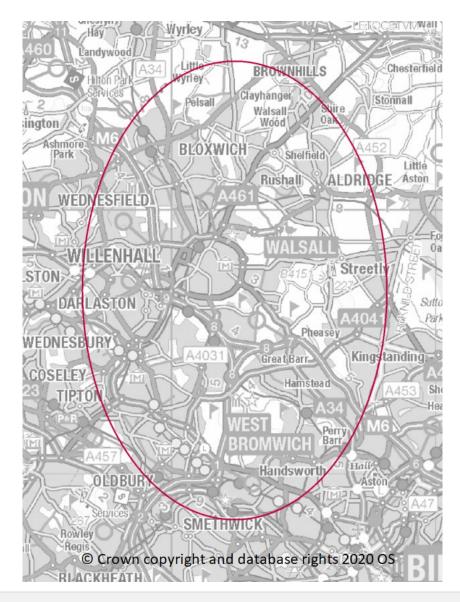
None

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

See <u>Licence area data</u> and <u>Population data</u> for this region.

Walsall



Population within the advertised area: 370,539

Size of the advertised area (km²): 156 km²

Reserved C-DSP capacity: SIX services

Local DAB service 1 (and licence area population): Birmingham (2,012,043)

Local DAB service 1 population overlap (and percentage): 354,881 (17.64%)

Local DAB service 2 (and licence area population): Wolverhampton and Shropshire (1,317,388)

Local DAB service 2 population overlap (and percentage): 251,871 (19.12%)

Proposed frequency block: Block 9B

Possible co-block small-scale DAB licence areas to be protected:

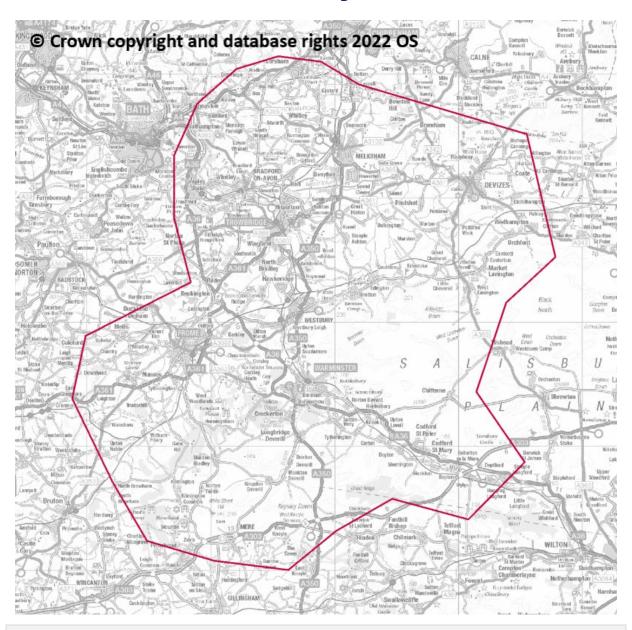
This service must not cause any significant interference above 38 dBµV/m to the following small-scale DAB areas: Chesterfield, Erewash, Leicester, Coventry, Ludlow, and Wrexham.

Additional information:

If applicants wish to use the existing Sutton Coldfield or Turners Hill DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

Warminster, Devizes and Trowbridge



Population within the advertised area: 184,083

Size of the advertised area (km²): 1,088 km²

Reserved C-DSP capacity: SIX services

Local DAB service 1 (and licence area population): Bristol & Bath (905,061)

Local DAB service 1 population overlap (and percentage): 2,787 (0.31%)

Local DAB service 2 (and licence area population): Somerset (522,893)

Local DAB service 2 population overlap (and percentage): 27,619 (5.28%)

Local DAB service 3 (and licence area population): Swindon, south & west Wiltshire (614,196)

Local DAB service 3 population overlap (and percentage): 153,677 (25.02%)

Proposed frequency block: Block 9C

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dBμV/m to the following small-scale DAB areas: Cheltenham & Tewkesbury, north Berkshire & south Oxfordshire, Winchester, Poole, Purbeck & Wimborne, east Devon, and Weston-Super-Mare.

Additional information:

Within this advertised area, some elevated areas may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future. These may include some elevated areas of Salisbury Plain around Kilmington, Longleat and Summer Down.

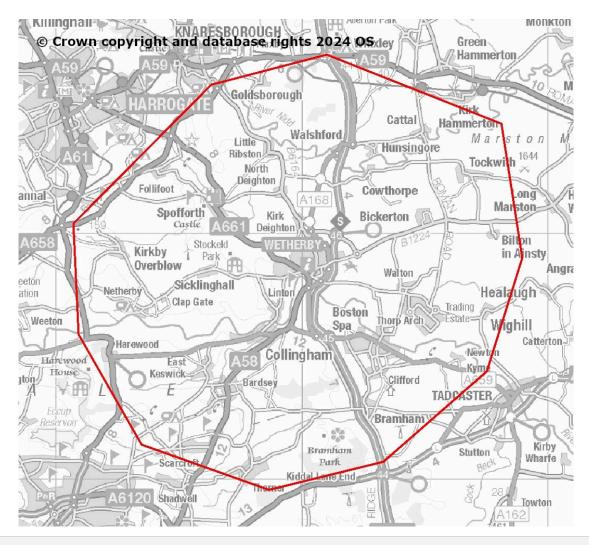
Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

See <u>Licence area data</u> and <u>Population data</u> for this region.

Wetherby



Population within the advertised area: 30,918

Size of the advertised area (km²): 240 km²

Reserved C-DSP capacity: FOUR services

Local DAB service 1 (and licence area population): Leeds (1,152,218)

Local DAB service 1 population overlap (and percentage): 27,289 (2.37%)

Local DAB service 2 (and licence area population): North Yorkshire (670,391)

Local DAB service 2 population overlap (and percentage): 5,712 (0.85%)

Proposed frequency block: Block 8A or 9C

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Peterlee, Middlesborough & Redcar, Doncaster, Sheffield & Rotherham, Huddersfield, and Halifax.

Additional information:

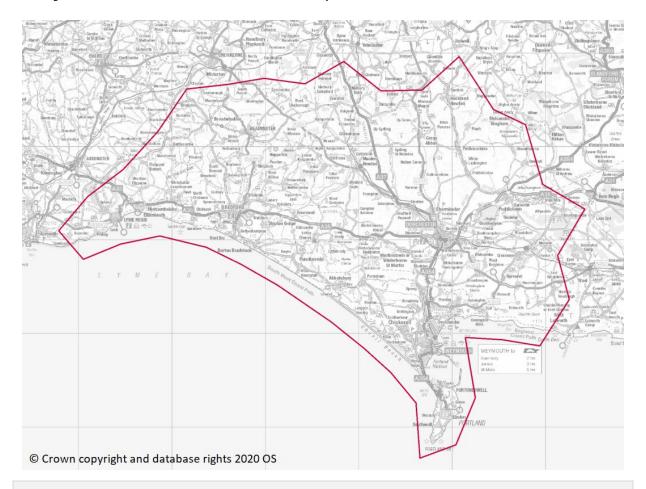
Within this advertised area, some elevated areas may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future. These may include some elevated areas to the south-west of Boston Spa.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Weymouth, Dorchester and Bridport



Population within the advertised area: 127,332

Size of the advertised area (km²): 1160 km²

Reserved C-DSP capacity: FIVE services

Local DAB service 1 (and licence area population): Bournemouth and Dorset (653,110)

Local DAB service 1 population overlap (and percentage): 98,270 (15.05 %)

Local DAB service 2 (and licence area population): Exeter, Torbay and North Devon (704,183)

Local DAB service 2 population overlap (and percentage): 29,062 (4.13%)

Proposed frequency block: Block 8A

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Taunton, Salisbury, and South Hams.

Additional information:

Ofcom predictions indicate that if applicants wish to use the existing Bincombe, Bridport or Lyme Regis DAB transmitter sites, or any coastal transmitter sites, a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

As a result of proximity and topography, it may be challenging for applicants to maintain outgoing interference below the levels specified in the Notes of Guidance on some elevated parts of the

Blackdown Hills within the Taunton small-scale DAB area, some parts of Cranborne Chase within the Salisbury small-scale DAB area, and some high points of the Dart Valley in the South Hams small-scale DAB area. Ofcom expects applicants to pay particular attention to keeping any such interference to a minimum.

The northern part of this advertised area, roughly defined by a line from Birdsmoor Gate through Beaminster to Buckland Newton may be subject to higher levels of interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

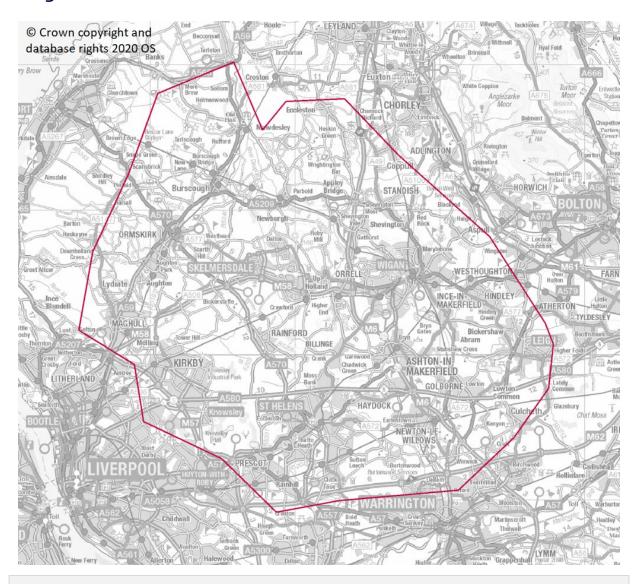
Out-going interference toward France should not exceed the following levels:

30 dBμV/m on the coast of Brittany

33 dBμV/m on the Cherbourg Peninsula

 $30 \text{ dB}\mu\text{V/m}$ on the coast of Normandy up to the border between France and Belgium.

Wigan



Population within the advertised area: 577,031

Size of the advertised area (km²): 668 km²

Reserved C-DSP capacity: FIVE services

Local DAB service 1 (and licence area population): Lancashire (1,287,627)

Local DAB service 1 population overlap (and percentage): 140,816 (10.94%)

Local DAB service 1 (and licence area population): Liverpool (1,868,201)

Local DAB service 1 population overlap (and percentage): 451,200 (24.15%)

Local DAB service 1 (and licence area population): Manchester (2,640,392)

Local DAB service 1 population overlap (and percentage): 280,280 (10.62%)

Proposed frequency block: Block 9C

Possible co-block small-scale DAB licence areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas: Barrow-in-Furness, Halifax, Mid Cheshire.

Additional information:

If applicants wish to use the Billinge Hill DAB transmitter site, Ofcom predictions indicate that a low power, low antenna height and/or directional antenna may be necessary to meet some outgoing interference criteria.

Within this advertised area, some elevated areas may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future. This may include; areas around Ormskirk, Wrightington Bar and Billinge Hill, north-east of Skelmersdale, and south of Sutton Leach.

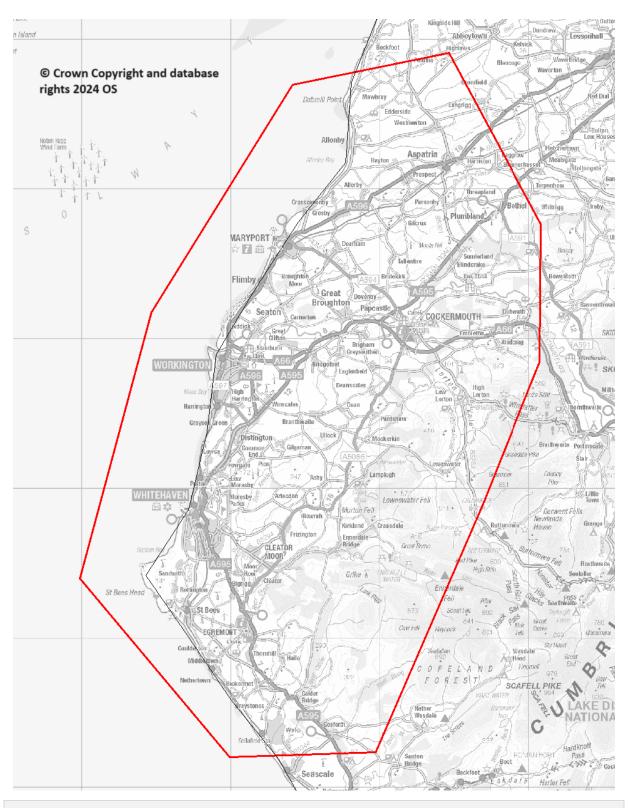
Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

See <u>Licence area data</u> and <u>Population data</u> for this region.

Workington and Whitehaven



Population within the advertised area: 106,493

Size of the advertised area (km²): 978 km²

Reserved C-DSP capacity: THREE services

Local DAB service 1 (and licence area population): North Cumbria (267,793)

Local DAB service 1 population overlap (and percentage): 106,493 (39.88%)

Proposed frequency block: Block 8A

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dB μ V/m to the following small-scale DAB areas; Blackburn, Burnley & Darwen.

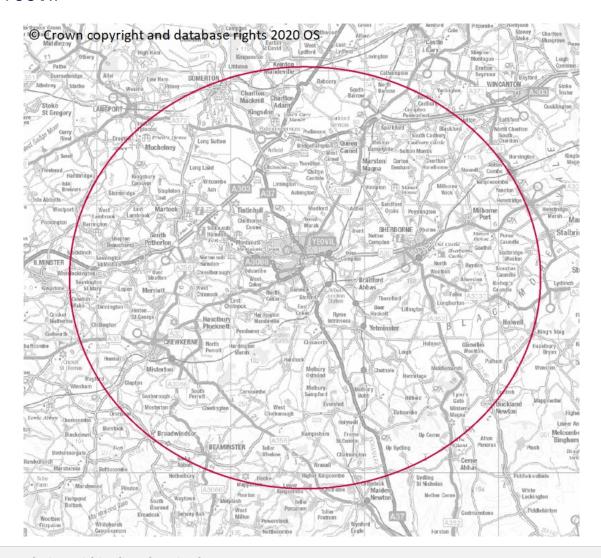
Additional information:

Since Ofcom's consultation on licensing small-scale DAB, two local DAB licences have commenced in Cumbria. These have smaller licence areas and population than the whole of Cumbria area that was used for the consultation. Consequently, the size of the Carlisle & Penrith, Lancaster, and Workington & Whitehaven small-scale DAB areas have been modified to comply with the 40% local DAB population overlap criteria.

International issues:

Ofcom does not expect this service to cause or be subject to any international interference issues.

Yeovil



Population within the advertised area: 106,029

Size of the advertised area (km²): 855 km²

Reserved C-DSP capacity: FIVE services

Local DAB service 1 (and licence area population): Bournemouth and Dorset (653,110)

Local DAB service 1 population overlap (and percentage): 18,457 (2.83 %)

Local DAB service 2 (and licence area population): Exeter, Torbay and North Devon (704,183)

Local DAB service 2 population overlap (and percentage): 3,909 (0.56 %)

Local DAB service 3 (and licence area population): Somerset (522,893)

Local DAB service 3 population overlap (and percentage): 83,663 (16.0 %)

Proposed frequency block: Block 9A

Possible co-block small-scale DAB areas to be protected:

This service must not cause any significant interference above 38 dBμV/m to the following small-scale DAB areas: South Gloucestershire, Andover, Ringwood, Verwood & Fordingbridge, Exeter and Merthyr & Rhondda Cynon Taff.

Additional information:

As a result of topography, it may be challenging for applicants to maintain outgoing interference below the levels specified in the Notes of Guidance on elevated areas within the Merthyr, Rhondda Cynon Taff small-scale DAB area. While some interference into these areas may be unavoidable, Ofcom expects applicants to keep it to a minimum.

Within this advertised area, some areas of high ground between Cricket St Thomas and Corscombe may be subject to higher levels of incoming interference from small-scale DAB multiplexes that may already be on-air or may come on air in the future.

Further details are given in Ofcom's Technical Policy Guidance for DAB multiplex licensees (paragraph 4.14 onwards).

International issues:

Out-going interference toward France should not exceed the following levels:

26 dBμV/m on the coast of Brittany

30 dBµV/m on the Cherbourg Peninsula

26 dBμV/m on the coast of Normandy up to the border between France and Belgium.

Ofcom does not expect this service to be subject to any significant incoming international interference.

3. How to apply

Submission of application form and fees

- 3.1 Applications for any of the small-scale radio multiplex licences advertised in this document must be made using the small-scale radio multiplex licence application form. The application form is divided into two parts: Part A (which we will publish on our website) and Part B (which will remain confidential). For applicants wishing to apply subject to the ownership restrictions for more than one small-scale radio multiplex licence, a separate application form will be required for each application.
- 3.2 Prior to completing an application, it is *essential* that applicants should read the <u>guidance</u> <u>notes on small-scale radio multiplex licences</u> carefully. In addition to providing further information about the questions we ask in the application forms, the Notes of Guidance provide a detailed guide to the small-scale DAB multiplex licensing regime as a whole, including matters such as the ownership restrictions, the statutory assessment criteria and how Ofcom will interpret these criteria in our assessment of applications.
- The closing date for the receipt of completed small-scale radio multiplex licence application forms, and other required documentation, is 5pm on Thursday 18 July 2024. Both the confidential and non-confidential parts of the application form should be sent by e-mail to: smallscaleDAB@ofcom.org.uk. The subject line of the e-mail should be clearly labelled as "[Applicant name] application for SSDAB mux licence: [licence area]." The deadline for receipt of applications will be strictly enforced, so you are advised to submit your application in plenty of time to allow for any potential delivery problems. You should receive an autoresponse from smallscaleDAB@ofcom.org.uk confirming that your email 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. Pleasenote that you will only receive one auto-response per day regardless of the number of emails you have sent to this address. Receipt of one auto response will confirm that we are receiving your emails.
- 3.4 An application fee of £500 will be payable for each small-scale radio multiplex licence application submitted. This fee will not be refundable in any circumstances. Electronic bank transfer payments must be received in Ofcom's bank account no later than five working days after the application form has been received by Ofcom. Failure to comply with these requirements may render the application liable to disqualification. Full details of how to make the application fee payment can be found in the 'Application fee' section in the guidance notes on small-scale radio multiplex licences.

Submission of application form and fees

3.5 Ofcom will assess applications against both our general duties and the specific statutory assessment criteria (as reproduced and expanded upon in the guidance notes) and based upon the proposals presented in the completed application form. It is the applicant's responsibility to ensure that the submitted application is complete, with every question responded to (or, where appropriate, marked 'Not applicable') and all additional information required (such as the technical plan) provided in addition to the application form. Once

- received, no material amendments to the application may be made by the applicant nor any new material introduced, without the agreement of Ofcom. Ofcom will not agree to any such amendment which it considers would be unfair to any other applicant for the licence.
- 3.6 In the course of assessing applications, Ofcom may seek clarification and/or amplification of proposals in any application and require the applicant to provide us with additional information.
- 3.7 All of the non-confidential ('Part A') sections of the application forms that we receive will be published on our website following the closing-date for applications. In assessing the applications, Ofcom may take into account any comments received from the public, which can be made to it at smallscaleDAB@ofcom.org.uk with respect to the applications submitted.
- 3.8 Our aim is to consider all applications for the advertised small-scale radio multiplex licences within six months of submission, although this is subject to, among other things, the number of applications submitted for all of the licences we have advertised in Round Six.
- 3.9 Once a licence award decision has been made and applicants have been informed, Ofcom will publish the key determining factors which led to our decision.