

Future Local DAB Expansion

Last Updated: October 2016

The 2015-2016 expansion of the local DAB network will extend coverage to about 90% of the population of England, Scotland, Wales and Northern Ireland, approximately matching coverage of the independent local radio network in the early 1990s. Further expansion of the local DAB network will be needed to match current BBC Local and Regional radio coverage before FM and AM transmitters can be switched off. Further transmitters are also needed to match the FM coverage of some regional and small-scale commercial stations.

New DAB transmitters must be registered with the International Telecommunications Union (ITU). These registrations are generally published online at <http://www.itu.int/en/ITU-R/terrestrial/brific/Pages/default.aspx> a few months or weeks before the transmitter opens. DAB transmitters are in the GE06 lists. Currently, many transmitters are being registered that are not part of the current local DAB expansion programme. These include the 'Phase 2' plans already published in early 2015. Currently, no funding has been announced for these transmitters.









This article lists:

- The additional DAB transmitters registered with the ITU.
- The currently planned transmitters.
- The additional sites proposed by Arqiva in Ofcom's 2011 DAB coverage consultation. These have been adjusted to match the current multiplex coverage areas, which changed in 2015.

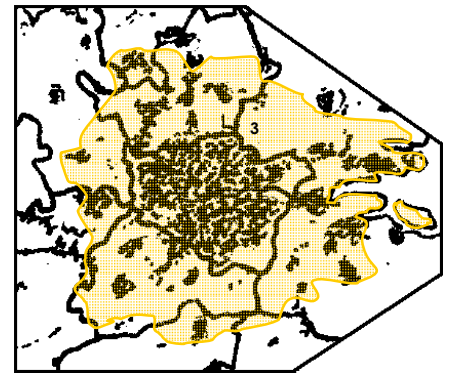
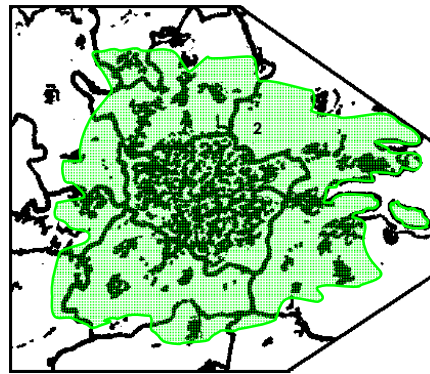
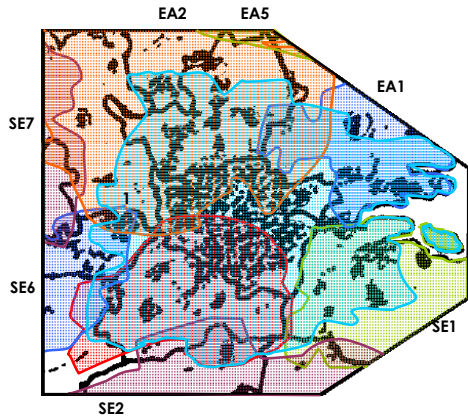
Comments are also made on the likely priorities. Commercial radio will wish to prioritise those transmitters with the highest population coverage. About 100 of the proposed transmitters serve populations of 15,000 people or more; these are marked with an asterisk (*). For the BBC in England, it is more important to provide DAB coverage for areas where FM coverage is poor. Historically, AM has been used to fill many of the gaps in BBC local radio FM coverage. However, FM/AM radios are gradually being replaced by DAB/FM radios that cannot receive AM. In Scotland, Wales and Northern Ireland, there is pressure on the BBC to match coverage of its regional services to that of its national services. A second priority for both the BBC and commercial broadcasters is to fill coverage gaps along major roads. Based on these criteria, the choice of transmitters to register with the ITU is inconsistent. For some multiplexes, transmitters with very low population coverage have been registered with the ITU. For other multiplexes, significant towns with poor reception of BBC local radio on FM have been omitted from the recent ITU registrations.

Note that the maps show 2016 outdoor coverage.

Legend

MULTIPLEX NAME		NUMBER
Multiplex coverage area (Channel)		
Multiplex operator	Airdate	Coverage
Transmitter coverage area	Transmitter site	Power (kW)
Transmitter coverage area	Transmitter site	Power (kW)
		Grid ref
10B		
10C		
10D		
11B		
11C		
11D/12A		
12C		
12D		

London



GREATER LONDON 1

Greater London; W Kent, SW Essex; Surrey, N Sussex, E Berks, E Bucks, Herts & S Beds (12C) **LO1**
 CE Digital (Global/Bauer) 7/6/2000 11 110 000

Current Transmitters and 2016 Plans

London, S Herts, E Berks, S Essex	Croydon	5	TQ 332 696
Central London	BT Tower	0.8	TQ 292 819
North London and South Herts	Alexandra Palace	0.75	TQ 297 901
London, W Kent, SW Essex	Wrotham	4.5	TQ 595 604
West Kent and South East Essex	Bluebell Hill	1	TQ 757 613
East Surrey and North Sussex	Reigate	1.2	TQ 256 521
North Surrey	Stoke d'Abernon	0.01	TQ 135 590
West Surrey and NE Hampshire	Guildford	1	SU 975 486
NE Hampshire and SW Surrey	Hungry Hill	0.08	SU 824 490
West Hertfordshire	Hemel Hempstead	0.4	TL 088 045
Luton and West Herts	Zouches Farm	0.5	TL 045 210
East Berkshire	Maidenhead	0.1	SU 850 841
Caterham area, Surrey	Caterham Old Park Wd	0.14	TQ 336 534
Purley and Coulsdon, London	Kenley	0.005	TQ 329 592
Possible Additional 2016 Transmitters (Mitigating adjacent channel interference)			
Harlow area	Rye Hill	0.1	TL 449 067
Stevenage	Pin Green	?	TL 250 257

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

Chelmsford and West Essex	Bakers Wood*	TL 660 034
South East Essex	Benfleet*	TQ 790 867
High Wycombe area (East)	Chepping Wycombe*	SU 877 911
Chesham area	Chesham*	SP 956 008
Coxheath and Maidstone, Kent	Coxheath	?
Dorking area, Surrey	Dorking*	TQ 169 482
South East & Central Hertfordshire	Epping Green*	TL 292 067

Comments

The proposed transmitters mainly serve areas outside London that are already served by neighbouring multiplexes. However, they do bring improved coverage to areas near the M25. Epping Green and Chepping Wycombe serve a large population (~1 million) and already carry the London 3 multiplex. Coxheath serves a sparsely populated area of Kent, so is pointless. Additional transmitters at Alderbourne Farm and Byfleet would be useful to improve coverage around the western M25.

GREATER LONDON 2

Greater London; W Kent, SW Essex; Surrey, N Sussex, E Berks, E Bucks, Herts & S Beds (12A) **LO2**
 Switch Digital 26/6/2000 11 110 000

Current Transmitters and 2016 Plans

London, S Herts, E Berks, S Essex	Crystal Palace	2.85	TQ 339 712
London, S Herts, E Berks, S Essex	Croydon	2.0	TQ 332 696
Central London	BT Tower	0.8	TQ 292 819
North London and South Herts	Alexandra Palace	0.86	TQ 297 901
North London and South Herts	Arkley	0.25	TQ 221 958
North West London	Mount Vernon	0.1	TQ 077 918
Harrow, NW London and SW Herts	Harrow Weald	0.003	TQ 139 929
Barnet & Brent, NW London	Colindale House	0.003	TQ 215 886
Greenwich and Bexley, London	Shooters Hill	0.008	TQ 438 767
Richmond area, London	Richmond Hill	0.003	TQ 184 739
London, W Kent, SW Essex	Wrotham	4.5	TQ 595 604
West Kent and South East Essex	Bluebell Hill	2	TQ 757 613
East Surrey and North Sussex	Reigate	1.51	TQ 256 521
North Surrey	Stoke d'Abernon	0.01	TQ 135 590
Staines, Ashford, Sunbury, Heathrow	Staines	0.003	TQ 038 718
West Surrey and NE Hampshire	Guildford	1.65	SU 975 486
NE Hampshire and SW Surrey	Hungry Hill	0.08	SU 824 490
West Hertfordshire	Hemel Hempstead	0.25	TL 088 045
Luton and West Herts	Zouches Farm	0.35	TL 045 210
East Berkshire	Maidenhead	0.1	SU 850 841

Caterham area, Surrey	Caterham Old Park Wd	0.14	TQ 336 534
Purley and Coulsdon, London	Kenley	0.005	TQ 329 592
Crawley, Sussex	Little Prestwood Farm	0.12	TQ 235 385
Harlow area	Rye Hill	0.1	TL 449 067
Stevenage	Pin Green	?	TL 250 257

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

Chelmsford and West Essex	Bakers Wood*	TL 660 034
South East Essex	Benfleet*	TQ 790 867
High Wycombe area (East)	Chepping Wycombe*	SU 877 911
Chesham area	Chesham*	SP 956 008
Coxheath and Maidstone, Kent	Coxheath	?
Dorking area, Surrey	Dorking*	TQ 169 482
South East & Central Hertfordshire	Epping Green*	TL 292 067

Comments

The proposed transmitters mainly serve areas outside London that are already served by neighbouring multiplexes. However, they do bring improved coverage to areas near the M25. Epping Green and Chepping Wycombe serve a large population (~1 million) and already carry the London 3 multiplex. Coxheath serves a sparsely populated area of Kent, so is pointless. Additional transmitters at Alderbourne Farm and Byfleet would be useful to improve coverage around the western M25.

GREATER LONDON 3

Greater London, NW Kent, SW Essex, Surrey, Crawley, E Berks, SE Bucks, Herts & S Beds (11B) **LO3**
 Digital Radio Group 1/2002 10 500 000

Current Transmitters and 2016 Plans

London, S Herts, E Berks, S Essex	Croydon	1.25	TQ 332 696
Central London	BT Tower	0.8	TQ 292 819
North London and South Herts	Alexandra Palace	0.7	TQ 297 901
London, W Kent, SW Essex	Wrotham	4.5	TQ 595 604
West Kent and South East Essex	Bluebell Hill	0.9	TQ 757 613
East Surrey and North Sussex	Reigate	0.4	TQ 256 521
North Surrey	Stoke d'Abernon	0.01	TQ 135 590
West Surrey and NE Hampshire	Guildford	0.8	SU 975 486
High Wycombe area (East)	Chepping Wycombe	0.6	SU 877 911
West Hertfordshire	Hemel Hempstead	0.25	TL 088 045
South East & Central Hertfordshire	Epping Green	1	TL 292 067
Luton and West Herts	Zouches Farm	0.45	TL 045 210
East Berkshire	Maidenhead	0.1	SU 850 841
Caterham area, Surrey	Caterham Old Park Wd	0.14	TQ 336 534

Possible Additional 2016 Transmitters

Purley and Coulsdon, London	Kenley	0.005	TQ 329 592
Harlow area	Rye Hill	0.1	TL 449 067
Stevenage	Pin Green	?	TL 250 257

Recently Registered with the ITU

Currently None

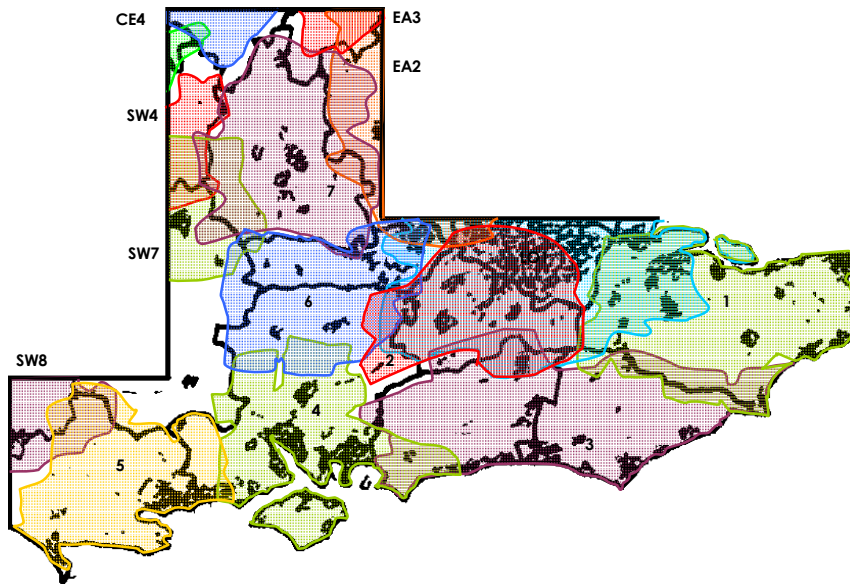
Proposed in 2011 Ofcom DAB Coverage Consultation

Chelmsford and West Essex	Bakers Wood*	TL 660 034
South East Essex	Benfleet*	TQ 790 867
Chesham area	Chesham*	SP 956 008
Coxheath and Maidstone, Kent	Coxheath	?
Dorking area, Surrey	Dorking*	TQ 169 482
NE Hampshire and SW Surrey	Hungry Hill*	SU 824 490
East Berkshire	Slough*	?

Comments

The proposed transmitters mainly serve areas outside London that are already served by neighbouring multiplexes. However, they do bring improved coverage to areas near the M25. Coxheath serves a sparsely populated area of Kent, so is pointless. Additional transmitters at Alderbourne Farm and Byfleet would be useful to improve coverage around the western M25.

South East England



KENT SE1

Kent County, excluding South East (11C)
 Now Digital (Arqiva) 4/2004 1 690 000

Current Transmitters and 2016 Plans			
West Kent and South East Essex	Wrotham	2	TQ 595 604
West Kent and South East Essex	Bluebell Hill	2	TQ 757 613
North Kent	Benfleet	1.2	TQ 790 867
Tunbridge Wells area, Kent	Tunbridge Wells	1	TQ 607 440
Tunbridge Wells, Kent	St Marks	0.25	TQ 582 375
Mid Kent	Charing Hill	2	TQ 965 504
Ashford area	Wye	1	TR 066 472
Canterbury area	Chartham	0.5	TR 102 561
Canterbury area	Dunkirk	2	TR 078 590
Thanet, Kent	Thanet	0.25	TR 366 678
Dover and Deal area, Kent	Swingate	0.34	TR 334 429
Folkestone	Cretaway Down	0.02	TR 229 381
South East Kent	Etchinghill	1.2	TR 160 389
Hythe, Kent	Turnpike Hill	0.1	TR 154 344

Recently Registered with the ITU

Gravesend and Dartford, Kent	Acorn Trading Centre	0.3	?
Chatham, Kent	Chatham Town	0.05	TQ 767 675
Tonbridge, Kent	Cold Harbour Lane	0.1	?
Dartford, Kent	Dartford Golf Club	0.3	?
Hamstreet area, Kent	Hamstreet	0.2	?
Lydd area, Kent	Lydd Water Tower	0.3	?
Margate, Kent	Margate	0.5	TR 370 701
Kemsing and Otford, Kent	Otford	0.1	TQ 533 603

Proposed in 2011 Ofcom DAB Coverage Consultation
 No sites additional to those listed above

Comments
 The Otford transmitter fills a gap in FM coverage of Radio Kent. The Chatham Town, Hamstreet, Lydd and Margate transmitters serve areas with slightly weak FM reception of Radio Kent. Gravesend and Dartford have good reception of the London DAB multiplexes and of Radio Kent on FM, so should be a lower priority. Many villages near the Sussex border have poor DAB reception and weak FM reception of Radio Kent so would be candidates for further transmitters if considered economic.

SURREY SE2

Surrey, North East Hampshire, South London (10C)
 MuxCo/UKRD 12/2013 1 190 000

Current Transmitters and 2016 Plans			
South London and North Surrey	Crystal Palace	3	TQ 339 712
North Surrey	Stoke d'Abernon	1	TQ 135 590
Caterham area, Surrey	Caterham Old Park Wd	1.2	TQ 336 534
East Surrey and North Sussex	Reigate	1	TQ 256 521
Dorking area, Surrey	Dorking	0.2	TQ 169 482
West Surrey and NE Hampshire	Guildford	0.6	SU 975 486
NE Hampshire and SW Surrey	Hungry Hill	0.6	SU 824 490

Recently Registered with the ITU

South West Surrey & E Hampshire	Midhurst*	1.2	SU 912 250
---------------------------------	-----------	-----	------------

Proposed in 2011 Ofcom DAB Coverage Consultation

Alton, Hampshire	Alton		SU 722 386
Haslemere, Surrey	Haslemere*		SU 886 331
Odiham and Hook, Hampshire	Odiham*		SU 737 497

Comments
 The Midhurst transmitter serves ~50,000 people in Surrey and East Hampshire and Haslemere serves ~20,000, so it is surprising that Haslemere has not been registered with the ITU. All proposed transmitters serve areas with poor FM reception of Radio Surrey and no AM reception. Byfleet, Staines and the villages east of Guildford are candidates for further transmitters.

SUSSEX SE3

Sussex (10B)
 Now Digital (Arqiva) 30/01/2004; Moved from 11B 9/12/2015 1 490 000

Current Transmitters and 2016 Plans			
East Sussex	Heathfield	2	TQ 566 220
Rye, Sussex	Rye	0.2	TQ 904 198
Hastings	Hastings	0.5	TQ 807 100
Eastbourne, Sussex	Eastbourne	0.25	TV 615 986
Newhaven & Seaford, Sussex	Newhaven	0.5	TQ 435 006
Brighton and Worthing area	Whitehawk Hill	1	TQ 330 045
Worthing area	Findon	0.18	TQ 120 072
Central Sussex	Truleigh Hill	1.8	TQ 226 106
Horsham, Sussex	Horsham	0.3	TQ 176 308
Crawley, Sussex	Little Prestwood Farm	0.5	TQ 235 385
West Sussex	Burton Down	0.85	SU 965 131
North West Sussex & E Hampshire	Midhurst	0.6	SU 912 250

Recently Registered with the ITU
 Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

East Grinstead, Sussex	East Grinstead*		TQ 386 360
Selsey and Chichester, West Sussex	West Wittering*		

Comments
 The East Grinstead and West Wittering transmitters each serve about 25,000 people. East Grinstead has weak reception of Radio Sussex on FM. Selsey and Chichester have good FM reception of Radio Sussex and can receive the South Hampshire DAB multiplex. Thus, East Grinstead should be a higher priority. DAB reception is also poor in Battle, Robertsbridge, Ticehurst and Wadhurst, all in Eastern East Sussex, but these areas have good FM reception of Radio Sussex.

SOUTH HAMPSHIRE SE4

South Hampshire, Isle of Wight, SW Sussex (11C)
 Now Digital (Arqiva) 1/2003 1 450 000

Current Transmitters and 2016 Plans			
S Hampshire, Isle of Wight, SW Sussex	Chillerton Down	5	SZ 475 835
South West Sussex	The Trundle	0.24	SU 876 111
Ventnor, Isle of Wight	Ventnor	0.3	SZ 567 783
Portsmouth area	Portsmouth Hill	0.5	SU 665 064
Southampton and Romsey area	Toot Hill	1	SU 384 181
Swanwick area, Hampshire	Freeth Allotments	0.6	SU 509 089
Winchester area	Crabwood Farm	1.5	SU 449 295

Recently Registered with the ITU
 Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

Stockbridge and Chilbolton, W Hants	Chilbolton Down		?
Lyndhurst and the New Forest	Fox Hound Kennels		?
North Hampshire	Hannington*		SU 527 568
Meon Valley, East Hampshire	Little Hayling		?
Liphook area	Longmoor		?
Petersfield area	Petersfield Durford Road*		?
Alresford Area	Western Court Farm		?

Comments
 The Petersfield transmitter should be a high priority as it serves ~20,000 people who cannot receive Radio Solent on FM, relying on AM. The other proposed transmitters serve a few thousand people each, generally in areas with slightly weak FM reception of Radio Solent. Radio Solent FM reception is strong in the Lyndhurst area. Arguably, Hannington is not needed as it already transmits the Berkshire and North Hampshire multiplex.

BOURNEMOUTH

SE5

Dorset and South West Hampshire (11B)

Now Digital (Arqiva) 6/2002 780 000

Current Transmitters and 2016 Plans

East Dorset	Nine Barrow Down	1	SZ 009 811
Bournemouth	St Catherine's Hill	1	SZ 143 957
Bournemouth and Poole area	Poole	0.7	SZ 037 921
Blandford Forum area, Dorset	Winterborne Stickland	1.2	ST 838 051
Dorchester and Weymouth	Bincombe Hill	1	SY 678 857
North Dorset	Shaffesbury	0.5	ST 864 235

Recently Registered with the ITU

Sherborne, Dorset	Barton Farm*	0.3	?
Fordingbridge area, Hampshire	Burgate Manor Farm	0.6	?
Cerne Abbas, Dorset	Cerne Abbas	0.18	ST 645 013
Portland Bill, Dorset	Portland	0.05	?

Proposed in 2011 Ofcom DAB Coverage Consultation

No sites additional to those listed above

Comments

The Barton Farm transmitter serves ~15,000 who are served by BBC Somerset on FM, but not Radio Solent for Dorset. Burgate Manor Farm covers a significant population within Hampshire with weak FM reception of Radio Solent, which is also available on AM there. However, the Bournemouth multiplex currently only carries the Dorset version of Radio Solent. Thus, both transmitters should be priorities. Cerne Abbas and Portland serve very small populations and have slightly weak FM reception of Radio Solent for Dorset, so are arguably much lower priority. Bridport and Lyme Regis are currently within the South East Devon multiplex area, though unserved. Bridport, at least, should be reallocated to the Bournemouth multiplex as it is served by Wessex FM alongside Dorchester and Weymouth.

BERKSHIRE AND NORTH HAMPSHIRE

SE6

Berkshire and North Hampshire (12D)

Now Digital (Arqiva) 30/7/2004 960 000

Current Transmitters and 2016 Plans

West & Cent Berks & N Hampshire	Hannington	1	SU 527 568
Maidenhead and Marlow area	Maidenhead Hyde Fm	1	SU 850 841
Reading	Hemdean	1	SU 710 762
Bracknell and Wokingham	Coppid Beech	1	SU 838 690
Yateley and Sandhurst	Cobbetts Lane	0.3	SU 828 592
Basingstoke	Basingstoke	1	SU 600 488
Andover area	Ibthorpe	0.4	SU 357 534
West Berks	Newbury	1	SU 307 763
West Berks, East Wilts	Membury	1	SU 494 687

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

East Berkshire	Windsor Castle*	SU 968 770
----------------	-----------------	------------

Comments

The Windsor Castle transmitter is needed to complete coverage of Berkshire and serves around 200,000 people. However East Berkshire is also served by the London multiplexes and there is good reception of Radio Berkshire on FM. There are small gaps in coverage around Hermitage, Goring and Henley on Thames. However, the latter two could be served by the Oxfordshire multiplex.

OXFORDSHIRE

SE8

Oxfordshire (10B)

Now Digital (Arqiva) 12/2012 610 000

Current Transmitters and 2016 Plans

Oxfordshire	Oxford	5	SP 567 105
Oxford area	Boars Hill	0.6	SP 483 030
South East Oxfordshire	Woodcote	0.6	SU 647 813
Chipping Norton area, Oxfordshire	Over Norton	0.3	SP 309 282
Banbury and Brackley	Farthinghoe	1	SP 532 387

Recently Registered with the ITU

Ascott under Wychwood, Oxfordshire	Ascott under Wychwood	0.6	SP 287 193
Faringdon area, Oxfordshire	Bampton Castle South	0.6	?
Wantage area, Oxfordshire	Chain Hill	0.3	?
Witney area, Oxfordshire	Ducklington Farm	0.6	?

Proposed in 2011 Ofcom DAB Coverage Consultation

Banbury	Bretch Hill	SP 438 400
---------	-------------	------------

Comments

Each of the proposed transmitters serves a few thousand people who have slightly weak FM reception of Radio Oxford.

South West England and Wales

WEST AND MID WALES

SW1

Pembrokeshire, Carmarthenshire, Swansea and Ceredigion (12D)

MuxCo 8/2013 650 000

Current Transmitters and 2016 Plans

Swansea area	Kilvey Hill	1.25	SS 672 940
Carmarthenshire	Carmel	2	SN 576 153
Pembrokeshire	Presely	5	SN 172 306
Pembroke and Milford Haven	Greenhill	1	SM 925 016
Fishguard, Pembrokeshire	Fishguard	1	SM 944 391

Uncertain 2016 Plans – May have been cancelled

Ceredigion	Blaenplwyf	5	SN 569 756
Carmarthen	Carmarthen	0.6	SN 412 213
South East Carmarthenshire	Mynydd Sylen	1.2	SN 514 080

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

Brechfa, Carmarthenshire	Brechfa	SN 504 289
Brecon, Powys	Brecon	SO 030 299
Hay on Wye area	Clyro	SO 204 432
Llanwrda to Pumsaint, Carmarthenshire	Hafod y Gloddau	?
Central Powys	Llandrindod Wells	SO 018 635
Newcastle Emlyn area, Ceredigion	Llandyfriog	SN 348 412
Llyswen area, Powys	Llyswen	SO 137 361
Lampeter & Teifi Valley, Ceredigion	Mynydd Pencarreg	SN 577 430
Talley area, Carmarthenshire	Talley	SN 639 332
Tenby, Pembrokeshire	Tenby	SS 109 994
Pumsaint to Cwmann, Carmarthenshire	Troedrhwr	?

Comments

Adding Blaenplwyf, Brecon, Clyro, Llandrindod Wells, Llandyfriog, Mynydd Pencarreg and Tenby, together with Haverfordwest, would match DAB coverage of Radios Cymru and Wales to that of BBC national radio. Many of these areas can only receive Radio Wales on AM. Brechfa, Hafod y Gloddau and Troedrhwr have very low population coverage, mainly serving roads. A significant omission is the Sennybridge area of Powys, which is one of the largest populations with no FM radio reception at all. Transmitters serving Knighton and Presteigne near the border with England are also needed; these towns have no local or regional radio on FM.

SWANSEA

SW2

West Glamorgan and SW Carmarthenshire (12A)

Switch Digital 3/2004 630 000

Current Transmitters and 2016 Plans

South Glamorgan and Bridgend	St Hilary	1	ST 026 741
Swansea area	Kilvey Hill	2	SS 672 940
South East Carmarthenshire	Mynydd Sylen	1.2	SN 514 080
Carmarthenshire	Carmel	2	SN 576 153
Carmarthen	Carmarthen	0.6	SN 412 213

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

Abergwynfi, West Glamorgan	Abergwynfi	SS 886 971
Neath and Port Talbot area	Foel Fynyddau*	SS 782 937
Llanelli, Carmarthenshire	Llanelli	SN 510 023
Maesteg, Mid Glamorgan	Maesteg*	SS 842 913
Bridgend area	Mynydd Baeden	SS 972 855
Ogmore Vale, Mid Glamorgan	Ogmore Vale*	SS 929 894
Vale of Neath, West Glamorgan	Rheola	SN 841 061
Swansea Valley, West Glamorgan	Varteg Hill*	SN 776 077

Comments

Adding Foel Fynyddau, Llanelli, Maesteg, Mynydd Baeden, Ogmore Vale, Rheola and Varteg Hill would match DAB coverage of Radios Cymru and Wales to that of BBC national radio. In the long term, transmitters at Corserw and Llangeinor will also be needed.

SOUTH EAST WALES

SW3

Glamorgan and Gwent (12C)

Now Digital (Arqiva) 10/2000; Moved from 11C 30/7/2013 1 370 000

Current Transmitters and 2016 Plans

South East Wales Coast	Mendip	1.5	ST 563 488
Glamorgan and South Gwent	Wenvoe	4	ST 110 742
Abergavenny & Usk Valley	Abergavenny	0.36	SO 244 126
Ebbw Vale & Tredegar, Gwent	Ebbw Vale	0.36	SO 159 088
Abertillery, Gwent	Abertillery	0.6	SO 244 023
Pontypool & Cwmbran, Gwent	Pontypool	0.5	ST 284 990
South Gwent	Christchurch	2	ST 353 896
Risca and Machen, Mid Glamorgan	Mynydd Machen	0.4	ST 223 900
Newbridge & Blackwood, Glamorgan	Pontillanfriath	0.6	ST 204 933
Pontypridd area, Mid Glamorgan	Cefn Eglwysilan	1.2	ST 099 911
Rhymney area, Mid Glamorgan	Rhymney	0.6	SO 127 042
Merthyr Tydfil area, Mid Glamorgan	Heolgerrig	1	SO 020 055
Aberdare area, Mid Glamorgan	Aberdare	0.36	SO 034 013
Rhondda Valley, Mid Glamorgan	Rhondda A	0.6	SS 990 938
South Glamorgan and Bridgend	St Hilary	2	ST 026 741

Recently Registered with the ITU

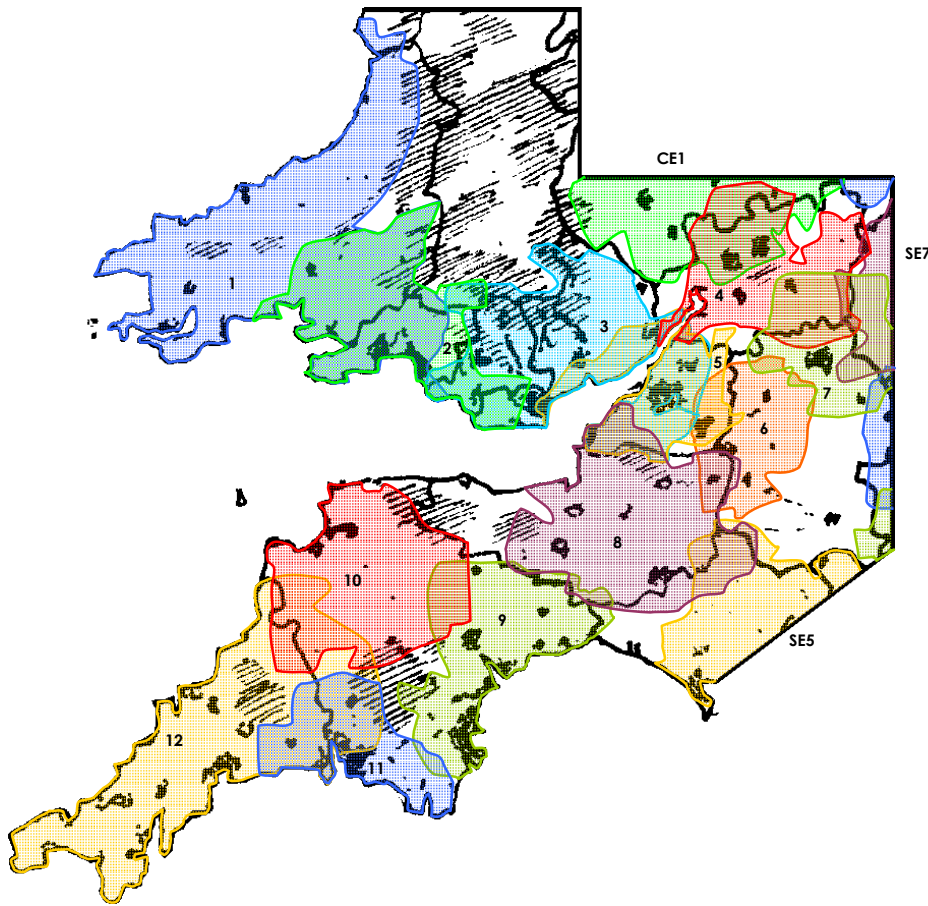
Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

Monmouth, Gwent	Monmouth	SO 526 128
Bridgend area	Mynydd Baeden*	SS 972 855

Comments

Adding Monmouth and Mynydd Baeden would match DAB coverage of Radios Cymru and Wales to that of BBC national radio. In the long term, transmitters at Blaenavon, Ferndale and Porff, together with improved coverage of Monmouthshire will be needed.



GLOUCESTERSHIRE SW4				WEST AND SOUTH WILTSHIRE SW6			
Gloucestershire (10C)				West Wiltshire and Bath (10D)			
MuxCo	9/2013	510 000		Now Digital (Arqiva)	1/2003; Moved from 12D 23/10/2015	340 000	
Current Transmitters and 2016 Plans				Current Transmitters and 2016 Plans			
Gloucester and Cheltenham	Churchdown Hill	2	SO 880 188	West Wiltshire	Naish Hill	0.8	ST 947 686
Stroud area	Stockend Wood	1.2	SO 839 086	Trowbridge and Bradford on Avon	Westwood	1	ST 817 597
Cirencester area, Gloucs	Cirencester	1.5	SP 004 057	Warminster, Westbury and Frome	Crockerton	0.6	ST 877 428
Stow-on-the-wold area, Gloucs	Icomb Hill	1	SP 202 229	Bath	Bath	0.5	ST 769 654
Recently Registered with the ITU				Recently Registered with the ITU			
Andoversford area, Gloucestershire	Andoversford*	0.6	SP 002 183	Amesbury, Bulford & Durrington, Wiltshire	Beacon Hill MD*	0.5	?
Chalford, Gloucestershire	Chalford*	0.3	SO 882 017	Salisbury area, Wiltshire	Salisbury*	1	SU 136 285
Coleford, Gloucestershire	Coleford*	0.3	SO 569 106	Tidworth, Wiltshire	Tidworth	0.6	SU 228 488
South Gloucestershire	Dursley*	0.25	ST 788 963	Proposed in 2011 Ofcom DAB Coverage Consultation			
Proposed in 2011 Ofcom DAB Coverage Consultation				Proposed in 2011 Ofcom DAB Coverage Consultation			
Cinderford, Gloucestershire	Cinderford	?	?	Box, West Wiltshire	Box		ST 832 688
Nailsworth, Gloucestershire	Nailsworth	?	ST 849 990	Devizes, Wiltshire	Devizes*		?
Winchcombe, Gloucs	Winchcombe		SP 036 287	South East Wiltshire	Newton Barrow		SU 099 354
Comments				Comments			
Each of the proposed transmitters serve several thousand people with no FM reception of Radio Gloucestershire. Arguably, the Cinderford, Nailsworth and Winchcombe transmitters should be a higher priority than some of the transmitters registered with the ITU for some other multiplexes.				Beacon Hill, Salisbury and Tidworth, extend coverage to South East Wiltshire, serving ~110,000 people between them. The Devizes transmitter serves around 15,000 people, while Box fills a gap in FM coverage of Radio Wiltshire. Thus, these should also be a priority.			
BRISTOL AND BATH SW5				SWINDON AND NORTH EAST WILTSHIRE SW7			
Avon (11B)				Swindon and NE Wiltshire (11C)			
Now Digital (Arqiva) 31/1/2001 1 040 000				Now Digital (Arqiva) 1/2003 330 000			
Current Transmitters and 2016 Plans				Current Transmitters and 2016 Plans			
Avon	Dundry East	4	ST 573 665	Swindon area	Blunsdon	2.5	SU 143 900
Thornbury & South Gloucestershire	Milbury Heath	0.913	ST 665 901	Malmesbury area, Wilts	Malmesbury	0.3	ST 935 875
East Bristol	Siston	0.6	ST 668 744	Marlborough	Marlborough	0.4	SU 209 688
Bristol	Pur Down	1	ST 610 764	East Wilts, West Berks	Membury	1	SU 307 763
Porlisshead & West Bristol	Kings Weston	0.3	ST 547 775	Cirencester area, Gloucs	Cirencester	0.6	SP 004 057
Backwell, Nailsea and Clevedon	Backwell	0.3	ST 498 716	Recently Registered with the ITU			
Weston-super-mare	Hutton	1	ST 361 588	North East Wilts, South East Gloucs	Bampton Castle South	2.4	?
Bath	Bath	1	ST 769 654	Chiseldon and South Swindon area	Chiseldon	2.4	SU 190 801
Recently Registered with the ITU				Recently Registered with the ITU			
Currently None				Ogbourne St George, Wiltshire			
Proposed in 2011 Ofcom DAB Coverage Consultation				Proposed in 2011 Ofcom DAB Coverage Consultation			
South Gloucestershire	Dursley		ST 788 963	Tetbury, Gloucestershire	Tetbury	0.3	?
Michaelwood and Falford, S Gloucs	Michaelwood	?	?	Proposed in 2011 Ofcom DAB Coverage Consultation			
Midsomer Norton area, NE Somerset	Midsomer Norton*	?	?	No sites additional to those listed above			
Comments				Comments			
The Midsomer Norton transmitter serves about 35,000 people who cannot receive Radio Bristol on FM (AM has been switched off), but can receive BBC Somerset. This transmitter should be a high priority. However, it might be better allocated to the Somerset multiplex. The Dursley transmitter is a proposed addition to the Gloucestershire multiplex, so is not necessarily needed for Bristol and Bath as well. Michaelwood serves only a few thousand people, so is a lower priority.				Bampton Castle, Chiseldon and Tetbury serve a few thousand people each. Ogbourne St George serves a very small population, but fills a gap in FM coverage of Radio Wiltshire along a major road. In the long term, further transmitters are needed to improve coverage in Wootton Bassett and along the M4 to the South and West of Swindon.			

SOMERSET

SW8

Somerset (10B)

MuxCo 9/2014 600 000

Current Transmitters and 2016 Plans

Somerset	Mendip	1.2	ST 563 488
Weston-super-mare	Hutton	1.2	ST 361 588
Taunton area, Somerset	Taunton	1	ST 250 293
Yeovil area, Somerset	Coker Hill	2	ST 509 133
Frome area, Somerset	Egford Hill	0.3	ST 764 480

Recently Registered with the ITU

Brushford area, West Somerset	Brushford	0.3	SS 921 262
Chard, Somerset	Chard	1.2	ST 358 086
Cheddar, North Somerset	Fry's Hill	0.3	ST 436 557
South East Somerset	High Winds	0.65	?
Kilve area, West Somerset	Kilve	0.3	ST 143 425
Wheddon Cross, West Somerset	Luckyard Farm	0.1	?
Porlock area, West Somerset	Porlock	0.3	SS 883 462
Exton to Bury, West Somerset	Stockham Farm	0.3	?
Minehead, Watchet, Vale of Taunton	Washford*	1.2	ST 058 409
Wooton Courtenay, West Somerset	Wooton Courtenay	0.6	SS 934 426

Proposed in 2011 Ofcom DAB Coverage Consultation

No sites additional to those listed above

Comments

The Washford transmitter serves about 17,000 people, including the town of Minehead and the Vale of Taunton, where BBC Somerset is not available on FM. Chard and Fry's Hill serve nearly 15,000 and 10,000 people respectively, so are also a priority. Most of the other transmitters have low coverage, particularly Luckyard Farm and Stockham Farm, so are arguably lower priority than some of the proposals for other multiplexes.

SOUTH EAST DEVON

SW9

Exeter, Torbay and East Devon (11C)

Now Digital (Arqiva) 11/2002 630 000

Current Transmitters and 2016 Plans

East Devon and West Dorset	Stockland Hill	5	ST 222 014
Sidmouth, Devon	Sidmouth	0.3	SY 136 879
Budleigh Salterton, Devon	Budleigh Salterton	0.6	SY 043 825
Tiverton, Devon	Tiverton	0.3	SS 939 126
Exeter	St Thomas (Exeter)	0.5	SX 898 922
Teignmouth area, Devon	Holcombe Down	0.5	SX 934 752
Ashburton, Devon	Ashburton	0.1	SX 758 687
Torbay	Beacon Hill	5	SX 857 620
Brixham, Devon	Brixham	0.3	SX 921 562
Dartmouth, Devon	Kingswear	0.4	SX 887 512

Recently Registered with the ITU

Beer and Seaton, Devon	Beer	0.05	SY 230 896
Bampton area, Devon	Bampton	0.6	SS 966 237
Chudleigh area, Devon	Chudleigh	0.25	SX 876 789
Crediton, Devon	Crediton	0.1	SS 825 009
Cullompton area, Devon	Cullompton	0.3	?
Culm Valley, Devon	Culm Valley	0.5	ST 108 148
Lyme Regis, Dorset	Lyme Regis	0.6	SY 345 935
South Brent area, Devon	South Brent	0.3	SX 690 608

Proposed in 2011 Ofcom DAB Coverage Consultation

West Dorset	Bridport*	SY 453 915
Honiton, East Devon	Honiton	SY 164 997
Kennford, Devon	Kennford	?

Comments

The transmitters registered with the ITU each serve a few thousand people in areas where FM reception of Radio Devon is weak. These transmitters have similar coverage to those introduced in 2015-16. Honiton and Kennford serve fewer people, while Bridport and Lyme Regis could alternatively be allocated to the Bournemouth multiplex.

NORTH DEVON

SW10

North Devon (10C)

Now Digital (Arqiva) 2/2012 160 000

Current Transmitters and 2016 Plans

North Devon	Huntshaw Cross	4	SS 527 221
Barnstaple and Bideford, North Devon	Barnstaple	0.6	SS 502 289
Braunton, North Devon	Braunton	0.6	SS 494 369
Ilfracombe, North Devon	Ilfracombe	0.3	SS 507 465
Okehampton, Devon	Okehampton	0.6	SX 586 967

Recently Registered with the ITU

Brayford area, North East Devon	Airwave Wind Lane	0.3	?
Hartland area, North West Devon	Hartland	0.3	SS 253 256
Muddiford, North Devon	Muddiford	0.3	SS 559 383
South Molton area, Devon	Orange Johnstone Moor	0.3	?
Swimbridge, Devon	Swimbridge	0.3	SS 622 295

Proposed in 2011 Ofcom DAB Coverage Consultation

Berrynarbour & Combe Martin, Devon	Berrynarbour	SS 562 468
Chagford, Mid Devon	Chagford	SX 689 890
Combe Martin, North Devon	Combe Martin	SS 581 461
Lynton area, North East Devon	Countisbury	SS 748 500
Great Torrington, North Devon	Great Torrington	SS 487 182
Parracombe area, N Devon	Orange Beacon Castle	?
King's Nympton area, N Devon	Orange Fair oak	?
East Down area, N Devon	Orange Higher Clifton	?
Stickelpath, Mid Devon	Stickelpath	?
Woolacombe, North Devon	Woolacombe	SS 465 428

Comments

The choice of transmitters to register with the ITU seems odd. Johnstone Moor, Muddiford and Wind Lane all serve very small populations. Their main function is to fill gaps along roads. Woolacombe and Berrynarbour both serve a lot more people. Of the remaining transmitters, only Countisbury, Hartland and Stickelpath serve more than a thousand people each. All proposed transmitters serve areas where FM reception of Radio Devon is poor.

PLYMOUTH

SW11

Plymouth and South West Devon (12D)

South West Digital Radio 29/10/2004; Moved from 12A 25/11/2015 410 000

Current Transmitters and 2016 Plans

West Devon	North Hessay Tor	3.2	SX 578 742
Plymouth area	Plympton	2.7	SX 531 555
Saltash, Torpoint and Plymouth area	Torpoint Withnoe Ln	0.4	SX 406 527
Ivybridge, Devon	Ivybridge	0.3	SX 631 538
Kingsbridge, Devon	Kingsbridge	0.2	SX 721 431

Recently Registered with the ITU

Slapton area, Devon	Slapton	0.2	SX 816 416
---------------------	---------	-----	------------

Proposed in 2011 Ofcom DAB Coverage Consultation

No sites additional to those listed above

Comments

Slapton serves a few thousand people, filling an area of poor FM reception of Radio Devon.

CORNWALL

SW12

Cornwall (11B)

South West Digital Radio 29/10/2004 550 000

Current Transmitters and 2016 Plans

East Cornwall and West Devon	Caradon Hill	5	SX 273 707
East Cornwall and West Devon	North Hessay Tor	3.2	SX 578 742
Bude, Cornwall	Bude	0.3	SS 219 061
Bodmin area, Cornwall	Penaligon Downs	1.2	SX 026 683
St Austell, Cornwall	St Austell	0.9	SX 008 535
West Cornwall	Redruth	5	SW 690 394
Newquay, Cornwall	Treencreek	0.5	SW 830 603
Truro, Cornwall	Truro	0.5	SW 835 442
Falmouth, Cornwall	St Maws Water Tower	0.5	SW 847 342
Helston, Cornwall	Helston	1	SW 651 275
Penzance area, Cornwall	Gulval	0.3	SW 475 315
St Just, Cornwall	St Just	0.6	SW 382 331

Recently Registered with the ITU

Bosccastle, North Cornwall	Bosccastle	0.2	SX 096 911
Constantine, West Cornwall	Brill Hill	0.3	?
Gunnislake, East Cornwall	Gunnislake	0.05	SX 439 719
Isles of Scilly	Isles of Scilly	0.6	SV 911 124
Launceston, East Cornwall	Launceston	0.3	?
Lizard Peninsula, West Cornwall	Lizard Point	0.6	?
Looe, East Cornwall	Looe	0.3	SX 252 534
Lostwithiel, Cornwall	Lostwithiel	0.3	SX 100 588
Mevagissey, Cornwall	Mevagissey	0.3	SX 011 445
Penryn, West Cornwall	Penryn	0.05	SW 787 334
Perranporth, West Cornwall	Perranporth	0.05	SW 758 533
Polperro, East Cornwall	Polperro	0.05	SX 205 508
Port Isaac, North Cornwall	Port Isaac	0.01	SW 998 805
Praa Sands, West Cornwall	Praa Sands	0.01	SW 572 284
Saltash and Torpoint area	Torpoint Withnoe Ln	0.4	SX 406 527

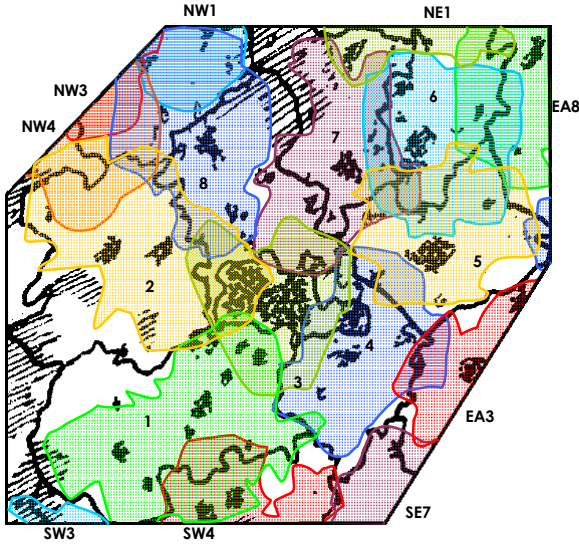
Proposed in 2011 Ofcom DAB Coverage Consultation

St Erth, Cornwall	St Erth Canons Town	SW 542 358
-------------------	---------------------	------------

Comments

Torpoint serves about 35,000 people who can also receive the Plymouth multiplex. Bosccastle, Isles of Scilly, Launceston, Looe, Lostwithiel and St Erth each serve a few thousand people. Bosccastle and Port Isaac also fill holes in FM reception of Radio Cornwall. The remaining transmitters serve very small populations with adequate reception of Radio Cornwall on FM, so arguably low priority.

Central England



HEREFORDSHIRE AND WORCESTERSHIRE

CE1

Herefordshire and Worcestershire (12A)		
MuxCo	9/2013	600 000

Current Transmitters and 2016 Plans			
Herefordshire & N Gloucestershire	Ridge Hill	4	SO 630 333
Hereford	Hereford	0.6	SO 524 364
Worcestershire	Great Malvern	5	SO 774 464
North East Worcestershire	Bromsgrove	0.55	SO 948 730
Kidderminster area	Kidderminster	1	SO 808 739

Recently Registered with the ITU			
Leominster and North Herefordshire	Bredenbury*	1	?
Hay-on-Wye, Herefordshire	Clyro	0.3	SO 204 432
North West Worcestershire	Eardiston	0.3	SO 706 682
Ewyas Harold, Herefordshire	Ewyas Harold	0.3	SO 390 269
Redditch, Worcestershire	Headless Cross*	0.3	SP 038 661
Kington, Herefordshire	Kington	0.3	SO 290 552
Peterchurch, Herefordshire	Peterchurch	0.3	SO 360 380
NE Herefordshire and NW Worcestershire	Titterstone Cleve Hill*	0.3	SO 597 778
South East Worcestershire	Wood Norton*	1.0	?

Proposed in 2011 Ofcom DAB Coverage Consultation
No sites additional to those listed above

Comments
Bredenbury, Titterstone Cleve Hill and Wood Norton all serve large populations with poor FM reception of BBC Hereford and Worcester (AM is available in these areas). Thus, they are a high priority. Redditch can receive the Birmingham multiplex and has good FM coverage of BBC Hereford and Worcester. The remaining transmitters serve areas with poor FM reception. Kington, Peterchurch and Clyro serve a few thousand people each. Eardiston and Ewyas Harold have low coverage, making them lower priority.

WOLVERHAMPTON, SHREWSBURY AND TELFORD

CE2

Wolverhampton, Black Country, Shrewsbury, Telford and SE Shropshire (11B)		
Now Digital (Arqiva)	31/1/2001	1 540 000

Current Transmitters and 2016 Plans			
Shropshire	The Wrekin	2	SJ 628 082
Oswestry, Shropshire	Rhosfach Farm	0.65	SJ 266 318
Market Drayton, Shropshire	Market Drayton	0.3	SJ 669 342
Church Stretton, Shropshire	Hazler Hill	0.65	SO 464 928
W West Mids, SE Shrops, N Worcs	Turners Hill	4	SO 969 887
Wolverhampton and Black Country	Sedgley Beacon	0.6	SO 922 944
Cannock area, Staffordshire	Pye Green	0.6	SJ 987 145

Recently Registered with the ITU			
South West Shropshire	Clun	0.65	SO 324 799
Ludlow, Shropshire	Ludlow*	1.2	SO 498 741
Wem, Shropshire	Wem	0.3	?
Whitchurch area, Shropshire	Whitchurch MOT*	1.2	?

Proposed in 2011 Ofcom DAB Coverage Consultation
Bishop's Castle area, Shropshire Oakeley Mynd SO 346 875

Comments
All 4 transmitters registered with the ITU serve areas with good FM reception of Radio Shropshire. Whitchurch and Ludlow serve ~40,000 and ~15,000 people, respectively, making them a high priority. Wem and Clun serve a few thousand people each, making them lower priority. Oakeley Mynd serves less than 2000 people, but fills a gap in the FM coverage of Radio Shropshire.

BIRMINGHAM AREA

CE3

Birmingham, Black Country, Lichfield, Tamworth, NE Worcestershire (11C)		
CE Digital (Global/Bauer)	7/6/2000	2 370 000

Current Transmitters and 2016 Plans			
West Midlands, Lichfield, Tamworth	Lichfield	2.5	SK 164 043
Birmingham	Metropolitan House	0.3	SP 055 862
W West Mids, SE Shrops, N Worcs	Turners Hill	2	SO 969 887
Wolverhampton and Black Country	Sedgley Beacon	0.3	SO 922 944
SW Birmingham and NE Worcestershire	Lickey Hills	1	SO 991 752
Redditch, Worcestershire	Headless Cross	0.3	SP 038 661

Recently Registered with the ITU
Currently None
Proposed in 2011 Ofcom DAB Coverage Consultation
Brierley Hill and Stourbridge area Brierley Hill* SO 916 856

Comments
Brierley Hill and Stourbridge are already served by the Wolverhampton and Shropshire multiplex, which carries Radio WM.

COVENTRY AND WARWICKSHIRE

CE4

Coventry and Warwickshire (12D)		
Now Digital (Arqiva)	31/1/2001	890 000

Current Transmitters and 2016 Plans			
Coventry and NW Warwickshire	Meriden	0.5	SP 257 841
Coventry and NE Warwickshire	Shilton	0.5	SP 410 837
Coventry	Samuel Vale House	0.5	SP 331 795
Nuneaton, Warwickshire	Hartshill Quarry	0.5	SP 337 937
Hinckley, Leicestershire	Barwell Water Tower	0.5	SP 452 970
Leamington Spa	Leamington Spa	0.5	SP 329 663
East Warwickshire	Davertry	0.5	SP 587 621
South Warwickshire	Ilmington	0.6	SP 196 426

Recently Registered with the ITU
Rugby area Rugby* 0.3 ?

Proposed in 2011 Ofcom DAB Coverage Consultation
No sites additional to those listed above

Comments
The Rugby transmitter serves a significant population. There is a further significant coverage gap in Alcester, West Warwickshire.

LEICESTER

CE5

Leicestershire (11B)		
Now Digital (Arqiva)	1/1/2002	870 000

Current Transmitters and 2016 Plans			
West and Central Leicestershire	Copt Oak	2.5	SK 483 126
Central Leicestershire	Houghton on the Hill	1.2	SK 675 044
Leicester	Leicester Cardinal	0.3	SK 592 047
North West Leicestershire	Bardon Hill	0.6	SK 461 132
Loughborough and Shepshed area	Shepshed Nook	0.6	SK 489 191
North East Leicestershire	Waltham	0.65	SK 809 233

Recently Registered with the ITU			
Hinckley, Leicestershire	Barwell Water Tower*	0.2	SP 452 970
Lutterworth, Leicestershire	Butts Farm	0.6	?
Ashby de la Zouch, Leicestershire	Hollywell Farm	0.65	?
West Leicestershire	Lichfield	3.0	SK 164 043
Market Harborough, Leicestershire	Little Oxenden*	0.3	?

Proposed in 2011 Ofcom DAB Coverage Consultation
Oakham, Rutland Oakham ?

Comments
Reception of this multiplex in West and South Leicestershire is currently very poor. The transmitters registered with the ITU will fill this gap; most serve significant populations. Several transmitters would be needed to serve Rutland, which has a population of about 38,000.

NOTTINGHAM

CE6

South and Central Nottinghamshire (12C)		
Now Digital (Arqiva)	30/4/2004	1 210 000

Current Transmitters and 2016 Plans			
Nottinghamshire and N Leicestershire	Waltham	4	SK 809 233
Nottingham area	Mapperley Ridge	1	SK 582 428
NW Nottingham and Eastwood area	Nottingham UHF	0.6	SK 503 435
Central Nottinghamshire	Mansfield Fishponds Hill	1	SK 514 606

Recently Registered with the ITU
South West Nottinghamshire Quarndon 3 SK 332 419

Proposed in 2011 Ofcom DAB Coverage Consultation
No sites additional to those listed above

Comments
The Quarndon transmitter should ensure good reception in South West Nottinghamshire. However, reception remains poor in parts of East Nottinghamshire, including Southwell and Ollerton, which have poor FM reception of Radio Nottingham.

DERBYSHIRE

CE7

South and Central Derbyshire, East Staffordshire (10B)		
Now Digital (Arqiva)	7/2014	700 000

Current Transmitters and 2016 Plans			
Derby area	Quarndon	3	SK 332 419
Wirksworth, Derbyshire	Bolehill	0.6	SK 295 553
Matlock & Bakewell, Derbyshire	Stanton Moor	1.6	SK 246 637
East Staffordshire	Lichfield	4.9	SK 164 043

Recently Registered with the ITU
Ashbourne, Derbyshire Ashbourne 0.25 SK 182 460

Proposed in 2011 Ofcom DAB Coverage Consultation
Buxton, Derbyshire Buxton* SK 060 753
Alstonefield & Alsop-in-Dale, Derbys Grange Farm ?

Future Local DAB Expansion

Comments

The Buxton transmitter serves around 35,000 people, so should be a higher priority. Ashbourne and Grange Farm serve areas with poor FM reception of Radio Derby, with Ashbourne serving around 13,000 people. Calver Peak is another potential site.

STOKE

CE8

Stoke-on-Trent, West Staffordshire and South East Cheshire (12D)

Switch Digital	5/2004	1 090 000
Current Transmitters and 2016 Plans		
North East Staffs and East Cheshire	Alsagers Bank	0.64 SJ 812 478
East Cheshire	Sutton Common	0.5 SJ 933 676
South East Cheshire & Stoke-on-Trent	Mow Cop	2 SJ 859 577
Stoke-on-Trent area	Tick Hill	2 SJ 963 451
Stone area, Staffordshire	Staffordshire Fire HQ	0.3 SJ 905 308
Stafford area	Pye Green	0.85 SJ 987 145

Recently Registered with the ITU

Currently None

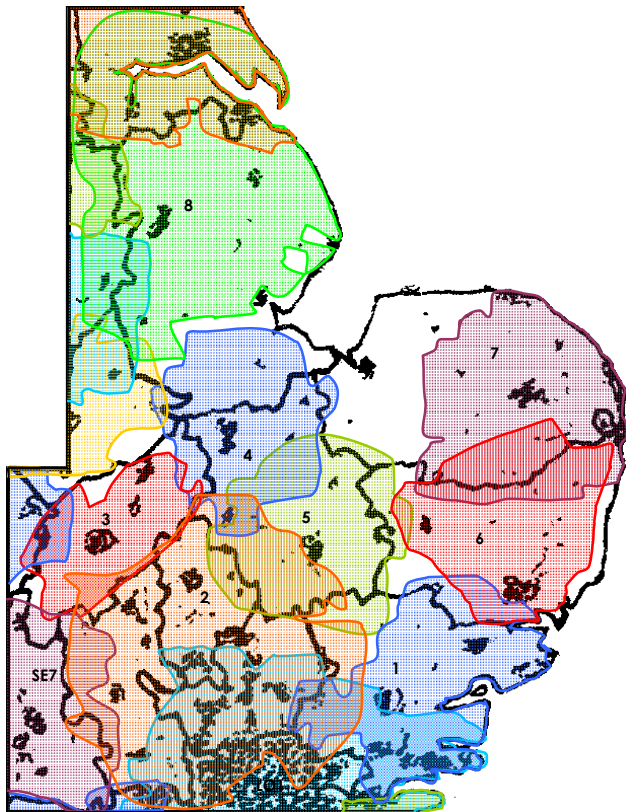
Proposed in 2011 Ofcom DAB Coverage Consultation

Cheadle area, Staffordshire	Cheadle*	SK 030 435
Uttoxeter area, Staffordshire	Coxbank Farm*	?
Hartington area, NE Staffordshire	Hartington*	SK117601
Leek area, Staffordshire	Leek	SJ 999 561

Comments

Cheadle, Coxbank Farm and Leek all serve significant populations. FM reception of Radio Stoke is poor in Cheadle and Uttoxeter.

Eastern England



ESSEX

EA1

Essex county (excluding NW corner) (12D)

Now Digital (Arqiva)	5/2002	1 490 000
Current Transmitters and 2016 Plans		
South East Essex	Benfleet	1.2 TQ 790 867
Southeast, Essex	Maitland House	1 TQ 882 857
Basildon and South West Essex	Westley Heights	0.1 TQ 680 860
Harlow area	Rye Hill	0.25 TL 449 067
Chelmsford and West Essex	Bakers Wood	1 TL 660 034
Chelmsford and East Essex	Great Braxted	0.5 TL 870 150
Braintree, Essex	Braintree	0.5 TL 775 217
North Essex	Sudbury	1 TL 913 376
Colchester	Colchester Depot	0.5 TM 013 283
North East Essex	Manningtree	0.2 TM 123 295
Clacton area, Essex	Clacton East	0.12 TM 182 164

Recently Registered with the ITU

Stansted Area, Essex	Alsa Wood	0.1	?
Harwich, Essex	Felxtowe Walton Av	0.055	TM 291 334
Great Dunmow, Essex	Gussetts Water Tower	0.1	?
Halstead, Essex	Halstead Rosemary Lane	0.05	?
Unknown, maybe Brightlingsea	Orange Mill Farm	0.1	?
Unkown	Orange Nash Hill	0.1	?

Proposed in 2011 Ofcom DAB Coverage Consultation

No sites additional to those listed above

Frequency Finder (www.frequencyfinder.org.uk)

Comments

All proposed transmitters serve areas with slightly weak FM reception of BBC Essex and poor FM reception of local commercial radio. However, major gaps in BBC Essex FM coverage in North West and South West Essex remain unaddressed. These areas are served by the Cambridgeshire and London multiplexes, respectively, so BBC Essex could be added to those multiplexes to provide county-wide coverage.

HERTFORDSHIRE, BEDFORDSHIRE AND BUCKINGHAMSHIRE

EA2

Hertfordshire, Bedfordshire and Buckinghamshire (10D)

Now Digital (Arqiva)	2/2013	2 280 000
Current Transmitters and 2016 Plans		
South East & Central Hertfordshire	Epping Green	2 TL 292 067
West Hertfordshire	Hemel Hempstead	4 TL 088 045
South Beds, West Herts & East Bucks	Zouches Farm	0.5 TL 045 210
Bedfordshire and North Herts	Sandy Heath	4.1 TL 204 494
Milton Keynes area	Bow Brickhill	3 SP 914 342
Aylesbury area	Aylesbury Tel Exch	0.6 SP 819 141
High Wycombe area	Chepping Wycombe	0.6 SU 877 911
Leitchworth and Hitchin	Leitchworth	0.025 TL 209 313
Stevenage	Pin Green	0.08 TL 250 257

Recently Registered with the ITU

North East Buckinghamshire	Alderbourne Farm*	0.3	?
Bishop's Stortford, Hertfordshire	Bishop's Stortford*	0.3	TL 499 214
Milton Keynes	Linford Wood*	0.3	?

Proposed in 2011 Ofcom DAB Coverage Consultation

Buckingham area	Buckingham	?
Chesham area	Chesham*	SP 956 008
Great Missenden, Buckinghamshire	Great Missenden	SP905005
High Wycombe area (West)	West Wycombe	SU 839 936

Comments

All of the proposed transmitters, except for Linford Wood, serve areas with poor FM reception of BBC Three Counties Radio and serve more people than many of the transmitters proposed for the South West. Thus, there is an argument for allocating high priority to all of them. In the longer term, transmitters to improve coverage in Royston, Buntingford, Hoddesdon and Cheshunt might also be considered.

NORTHAMPTONSHIRE

EA3

Northamptonshire (10C)

Now Digital (Arqiva)	3/2013	650 000
----------------------	--------	---------

Current Transmitters and 2016 Plans

West Northamptonshire	Daventry	1.2	SP 587 621
Towcester	Towcester Potcote Fm	0.25	SP 665 524
Northampton area	Northampton	1.2	SP 760 647
East Northampton	Ecton Hall Estate	0.3	SP 833 640
East Northamptonshire	Geddington	5	SP 908 839
Wellingborough & Rushden, Northants	Irthingborough Rd	0.3	SP 905 674

Recently Registered with the ITU

Daventry	Daventry Priors	0.3	?
Byfield, West Northamptonshire	Golden Hill Farm	0.3	?
East Corby, Northamptonshire	Great Weldon	0.5	?
North Northamptonshire	Naseby New House	0.6	?
Potterspur, Northamptonshire	Queens Oak Farm	0.25	?
Raunds, Northamptonshire	Raunds	0.3	?
Rothwell, Northamptonshire	Rothwell Ate	0.1	?
Brackley area, Northamptonshire	Shortgrave Wood	0.3	?
North West Milton Keynes	Walling Way School	0.3	?

Proposed in 2011 Ofcom DAB Coverage Consultation

No sites additional to those listed above

Comments

Many of these proposed transmitters serve small populations. Naseby, Raunds, Rothwell and Shortgrave Wood could be prioritised. Queens Oak Farm and Walling Way School could arguably be scrapped as they serve very small populations within Northamptonshire whom already have good reception of the Herts, Beds and Bucks multiplex.

PETERBOROUGH

EA4

North Cambridgeshire and South Lincolnshire (12D)

Now Digital (Arqiva)	2/2003	540 000
----------------------	--------	---------

Current Transmitters and 2016 Plans

Cambridgeshire and S Lincolnshire	Peterborough	6.3	TL 127 913
Oundle, Northamptonshire	Stoke Doyle	0.6	TL 021 875
Huntingdon & St Ives, Cambridgeshire	Hitchingbrooke	0.6	TL 227 719
Chatteris area, Cambridgeshire	Horseway-Allpress Fm	1.2	TL 428 874
Wisbech area, Cambridgeshire	Wisbech	0.3	TF 462 086
Holbeach area, South Lincolnshire	Holbeach	0.3	TF 364 263
Spalding, Lincolnshire	Spalding Drove	1.2	TF 254 211
South Lincolnshire	Kirkby Underwood	1.2	TF 058 273
Stamford, South West Lincolnshire	Stamford Old Quarry	1.2	TF 019 080

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

March, Cambridgeshire	March*	?
-----------------------	--------	---

Comments

The March transmitter serves about 18,000 people, so should be a high priority. In the long term, a transmitter serving Long Sutton and Sutton Bridge might be added.

CAMBRIDGESHIRE

EA5

South and Central Cambridgeshire (11C)

Now Digital (Arqiva) 30/9/2004 490 000

Current Transmitters and 2016 Plans

Cambridge area	Madingley	2	TL 392 594
South West Cambridgeshire & East Beds	Sandy Heath	1.2	TL 204 494
Ely, Cambridgeshire	Ely Cathedral	0.3	TL 541 801
SE Cambridgeshire and Newmarket	Cheveley	2.4	TL 683 601
North West Essex	Sewards End	1	TL 573 395

Recently Registered with the ITU

Newmarket area, Suffolk	Newmarket	1.2	?
-------------------------	-----------	-----	---

Proposed in 2011 Ofcom DAB Coverage Consultation

South East Cambridgeshire	Gog Magog		?
---------------------------	-----------	--	---

Comments

The Newmarket transmitter serves about 9,000 people, so is a reasonable priority. Gog Magog serves about 3000 people in South East Cambridgeshire, but leaves significant gaps around the Cambridgeshire border, so better sites should be sought.

SUFFOLK

EA6

Suffolk (10C)

MuxCo Due to launch in October 2016

Current Transmitters and 2016 Plans

Suffolk	Mendlesham	2.1	TM 122 641
West Suffolk	Puttocks Hill	2	TL 896 696
Ipswich	Warren Heath	2	TM 190 425
Felixtowe, Suffolk	Felixtowe Walton Av*	0.72	TM 291 334

Recently Registered with the ITU

East Suffolk	Aldeburgh*	1.8	TM 442 596
Beccles, Suffolk	Beccles South Rd	0.1	TM 418 894
Southwold area, Suffolk	Blythburgh	0.6	TM 453 752
Brandon area, Norfolk/Suffolk	Brandon*	1.2	TL 764 863
Bungay, Suffolk	Bungay	0.3	?
Haverhill area, Suffolk	Haverhill*	0.3	TL 662 449
South East Suffolk and North East Essex	Manningtree	2.4	TM 123 295
North West Suffolk	Mildenhall*	0.6	?
Lowestoft area, Suffolk	Oulton*	0.25	TM 523 942
South Suffolk	Sudbury*	2.4	TL 913 376
Woodbridge, Suffolk,	Woodbridge	0.6	TM 271 498

Proposed in 2011 Ofcom DAB Coverage Consultation

Comments

All proposed transmitters except for Beccles and Bungay serve at least 10,000 people.

NORFOLK

EA7

East and Central Norfolk and NE Suffolk (10B)

Now Digital (Arqiva) 4/2003; Moved from 11B 9/9/2015 790 000

Current Transmitters and 2016 Plans

East & Central Norfolk and NE Suffolk	Stoke Holy Cross	1.2	TG 258 026
Norwich	Norwich Central	0.3	TG 237 098
Dereham, Norfolk	Daffy Green	1.2	TF 944 099
Thetford, Norfolk	Thetford MOD	0.25	TL 864 843
South Norfolk	Mendlesham	2.0	TM 122 641
Lowestoft area, Suffolk	Oulton	0.25	TM 523 942
Great Yarmouth area, Norfolk	Great Yarmouth	0.25	TG 520 076
Caister & Hemsby area, Norfolk	Caister Pump Lane	0.5	?
Hicling area, Norfolk	Hickling Stubb Rd	0.3	TG 419 224
North Walsham, Norfolk	North Walsham	0.07	TG 279 308
Cromer & Sheringham, Norfolk	West Runton	0.2	TG 186 412

Recently Registered with the ITU

North West Norfolk	Burnham	0.6	TF 796 429
Downham Market, Norfolk	Downham Market*	0.3	TF 604 038
Heacham, Norfolk	Heacham Bottom Fm	0.6	TF 689 386
West Norfolk	Great Massingham*	2	TF 788 228
Swaffham, Norfolk	Swaffham	2	TF 844 076
Wells next the Sea	Wells next the Sea*	0.8	TF 985 423
King's Lynn, Norfolk	West Lynn*	0.6	TF 611 188

Proposed in 2011 Ofcom DAB Coverage Consultation

Eastern King's Lynn area, Norfolk	King's Lynn		TF 677 281
-----------------------------------	-------------	--	------------

Comments

All proposed transmitters have significant coverage. Brandon, Colkirk (serving Fakenham) and Tacolneston would be needed to match coverage to the BBC national multiplex and there is also a need to improve reception in Holt.

LINCOLNSHIRE

EA8

Lincolnshire and North Lincolnshire (12A)

MuxCo 1/10/2015 840 000

Current Transmitters and 2016 Plans

Lincolnshire	Belmont	4.45	TF 217 837
North Lincolnshire and East Yorks	High Hunsley	5	SE 945 350
Lincoln	Lincoln Clayton Rd	0.6	SK 972 686
Grantham, Lincolnshire	Grantham Barracks	0.6	SK 938 346

Recently Registered with the ITU

Boston, Lincolnshire	Boston Wyberton*	1.2	TF 333 424
Gainsborough, Lincolnshire	Gainsborough Carr Lane*0.6		?
Scunthorpe, North Lincolnshire	Scunthorpe VHF*	1.2	SE 882 092
Skegness, Lincolnshire	Skegness Candlesby*	1.2	TF 456 683

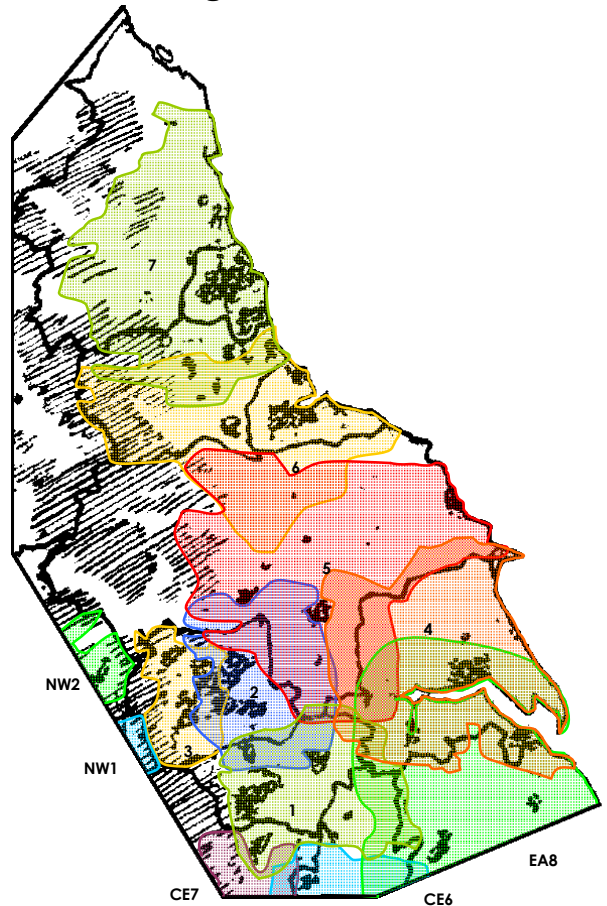
Proposed in 2011 Ofcom DAB Coverage Consultation

Colsterworth, Lincolnshire	Colsterworth		?
----------------------------	--------------	--	---

Comments

All proposed transmitters serve at least 10,000 people. A further transmitter to improve reception in Sleaford might be considered.

North East England



SOUTH YORKSHIRE

NE1

South Yorkshire, North East Derbyshire and Bassetlaw (11C)

Bauer Digital 10/2000 1 670 000

Current Transmitters and 2016 Plans

Sheffield and Rotherham	Sheffield Taptan Hill	1.1	SK 324 870
Chesterfield area	Chesterfield	1	SK 383 764
Barnsley area, South Yorkshire	Ardsley	2	SE 390 061
Doncaster and North Notts	Clifton	1	SK 518 959
Retford area, Nottinghamshire	Clarborough	1.2	SK 742 838
Thorne area, South Yorkshire	Hallam Castings	0.6	SE 697 138

Recently Registered with the ITU

Doncaster	Central Doncaster	0.1	?
Stocksbridge, South Yorkshire	Stocksbridge*	1.2	SK 275 991
Worksop area, Nottinghamshire	Worksop*	1.5	?

Proposed in 2011 Ofcom DAB Coverage Consultation

Hathersage and Thornhill, Derbyshire	Shatton Edge		SK 194 813
--------------------------------------	--------------	--	------------

Comments

All proposed transmitters serve significant populations. Further transmitters are needed to cover the Tinsley and Ecclesfield area and the Eckington, Beighton and Waterthorpe area, both near Sheffield, both of which have weak FM reception of Radio Sheffield. Transmitters might also be considered for Adwick le Street near Doncaster and the area between Bolsover and Worksop.

LEEDS

NE2

Leeds and Wakefield area (12D)

Bauer Digital 5/2001 1 410 000

Current Transmitters and 2016 Plans

West Yorkshire	Emley Moor	5	SE 222 128
Leeds and Wakefield area	Morley	1	SE 283 268
Leeds	Beecroft Hill	1	SE 237 350
Olley area, West Yorkshire	Hunterstone	1.1	SE 213 515

Recently Registered with the ITU

Currently None			
----------------	--	--	--

Proposed in 2011 Ofcom DAB Coverage Consultation

Wetherby area, West Yorkshire	Thorp Arch*		?
-------------------------------	-------------	--	---

Comments

The Thorp Arch transmitter serves about 20,000 people. However, most of them can receive the North Yorkshire DAB multiplex, though FM coverage of Radio Leeds is weak in places.

BRADFORD, HUDDERSFIELD AND HALIFAX				NE3
Bradford, Huddersfield and Halifax areas (11B)				
Bauer Digital	10/2002		1 040 000	
Current Transmitters and 2016 Plans				
Huddersfield and Holmfirth	Holme Moss	0.2	SE 095 041	
Huddersfield and Halifax	Ainley Top	1	SE 124 197	
West Halifax	Luddenden	1	SE 048 248	
Bradford, Cleckheaton, Batley	Westgate Hill	1.61	SE 203 295	
Bradford area	Idle	0.3	SE 163 374	
Keighley area, West Yorks	Keighley	1	SE 069 444	
Recently Registered with the ITU				
Currently None				
Proposed in 2011 Ofcom DAB Coverage Consultation				
Central Bradford	Bradford Hilton		?	
Hebden Bridge, West Yorkshire	Hebden Bridge		SD 988 267	
Skipton, North Yorkshire	Skipton UHF*		SD 909 517	
Todmorden, West Yorkshire	Todmorden*		SD 957 241	
Otley and Ilkley, West Yorks	Wharfedale*		SE 198 485	
Comments				
The Wharfedale and Todmorden transmitters serve large populations while Hebden Bridge connects Todmorden to the rest of the multiplex. Bradford Hilton serves a small resident population, but a city centre has lots of visitors. Skipton could be served by the North Yorkshire multiplex only.				

HUMBERSIDE				NE4
Hull, East Yorkshire, North and North East Lincolnshire (10D)				
Bauer Digital	12/2001		970 000	
Current Transmitters and 2016 Plans				
East Yorkshire and North Lincolnshire	High Hunsley	5	SE 945 350	
Kingston upon Hull	Hull Clough Road	0.3	?	
Patrington & Withernsea, East Yorkshire	Patrington	0.6	TA 345 223	
North East Lincolnshire	Bevan Flats	0.2	TA 279 102	
Scunthorpe, North Lincolnshire	Scunthorpe VHF	1	SE 882 092	
North West East Yorkshire	Garrowby Hill	1.2	SE 812 568	
Bridlington, East Yorkshire	Buckton Barn		TA 165 714	
In 2016 Plans but not Registered with the ITU				
Barnetby-le-wold, North Lincolnshire	Coskills Farm	0.1	TA 048 102	
Driffield and North East Yorkshire	Driffield	0.6	SE 870 594	
Recently Registered with the ITU				
Currently None				
Proposed in 2011 Ofcom DAB Coverage Consultation				
Market Weighton, East Yorkshire	Market Weighton		?	
Comments				
With High Hunsley replacing Cave Wold as the main transmitter for this multiplex, it is not clear whether or not the Driffield and Market Weighton transmitters are still needed.				

NORTH YORKSHIRE				NE5
North Yorkshire (10C)				
MuxCo	17/12/2014		690 000	
Current Transmitters and 2016 Plans				
North Yorkshire	Bilsdale West Moor	10	SE 553 962	
South & Central North Yorks	Acklam Wold	2	SE 795 619	
Harrogate, North Yorkshire	Harrogate Hildebrand	2	SE 269 556	
Scarborough & E North Yorks	Oliver's Mount	2	SX 040 869	
Recently Registered with the ITU				
Currently None				
Proposed in 2011 Ofcom DAB Coverage Consultation				
Ripon, West Yorkshire	Ripon		?	
Settle area, North Yorkshire	Settle		?	
Skipton, North Yorkshire	Skipton UHF*		SD 909 517	
Whitby, North Yorkshire	Whitby*		NZ 911 096	
Northallerton and Thirk area	Woolmoor		SE 457 881	
Comments				
Whitby and Skipton each serve about 20,000 people, so are high priority. Woolmoor and Ripon serve a few thousand people each, covering towns that are mostly served by Bilsdale. Extension to the Yorkshire Dales would require multiple transmitters, with Settle covering the largest population; currently Radio York does not serve this area. The area between Scarborough and Whitby currently has poor FM reception of Radio York (AM coverage is available), so will also need serving at some point.				

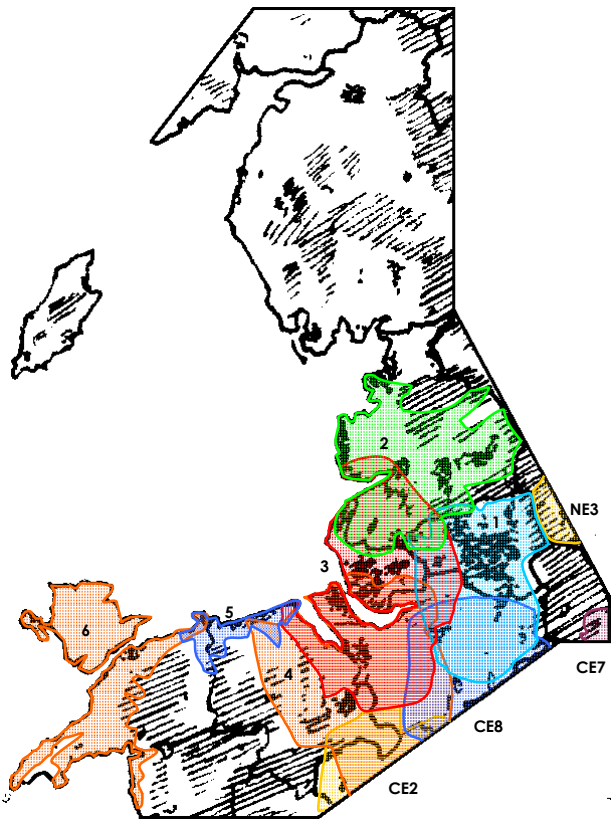
TEESIDE				NE6
Cleveland, South Durham and NE North Yorkshire (11B)				
Bauer Digital	6/2001		980 000	
Current Transmitters and 2016 Plans				
Cleveland, Durham & North Yorkshire	Bilsdale West Moor	2	SE 553 962	
Northallerton, North Yorkshire	Ashbourne House	0.3	SE 395 936	
Cleveland	Eston Nab	5	NZ 569 183	
South County Durham	Brusselton	1	NZ 206 249	
Crook and Willington, County Durham	Constantine Farm	0.3	?	
Teesdale, County Durham	Romaldkirk	1	NY 974 220	
Recently Registered with the ITU				
Currently None				
Proposed in 2011 Ofcom DAB Coverage Consultation				
East Cleveland	Skinninggrove		NZ 715 192	
Whitby, North Yorkshire	Whitby*		NZ 911 096	
Comments				
The Skinninggrove transmitter serves about 5,000 people, some of whom have poor FM reception of BBC Tees. The Whitby transmitter serves about 25,000 people, so is a priority for either the Teeside or the North Yorkshire multiplex. Coverage of the Esk Valley is needed to link Whitby to the main multiplex area.				

TYNE AND WEAR				NE7
Tyne & Wear, Northumberland and North East Durham (11C)				
Bauer Digital	11/2000		1 820 000	
Current Transmitters and 2016 Plans				
Tyneside, Durham, S Northumberland	Burnhope	5	NZ 184 474	
Durham	Durham	0.3	NZ 236 423	
Wearsdale, County Durham	Wearsdale	1	NZ 025 384	
Consett area, County Durham	Shotleyfield	0.3	NZ 065 532	
Hexham and Tyne Valley	Newton	0.6	NZ 036 653	
North East Newcastle	Kenton	0.1	NZ 214 674	
West Tyneside and Tyne Valley	Fenham	0.2	NZ 216 648	
Gateshead	Felling	0.1	NZ 276 616	
Sunderland area	Hendon	0.8	NZ 409 556	
Tynemouth and Whitley Bay area	Whitley Bay	0.1	NZ 350 713	
South East Northumberland	Morpeth	1.1	NZ 218 865	
Alnwick area, Northumberland	Shilbottle	1	NU 191 081	
Recently Registered with the ITU				
Currently None				
Proposed in 2011 Ofcom DAB Coverage Consultation				
Berwick-upon-Tweed, Northumberland	Berwick-upon-Tweed*		NT 980 547	
Byrness, Northumberland	Byrness		NT 765 016	
North Northumberland	Chatton*		NU 105 264	
Haltwhistle, Northumberland	Haltwhistle		NY 674 627	
Haydon Bridge, Northumberland	Haydon Bridge		NY 809 630	
Comments				
Chatton and Berwick-upon-Tweed serve large populations, Haydon Bridge a medium population and Haltwhistle and Byrness low populations.				

North West England and Wales

GREATER MANCHESTER				NW1
Greater Manchester, North and East Cheshire (12C)				
CE Digital (Global/Bauer)	7/6/2000; Moved from 11C 25/5/2016		3 240 000	
Current Transmitters and 2016 Plans				
Greater Manchester and North Cheshire	Winter Hill	2	SD 660 144	
Greater Manchester	Sunley Building	0.5	SJ 844 983	
Rochdale area	Littleborough	0.6	SD 950 166	
Upper Tame Valley, Gt Manchester	Saddleworth	0.6	SD 987 050	
East Cheshire	Sutton Common	1	SJ 933 676	
Recently Registered with the ITU				
Currently None				
Proposed in 2011 Ofcom DAB Coverage Consultation				
Northwich area, Cheshire	Beech Hill*		?	
New Mills, N Derbyshire	Birch Vale		SK 028 861	
East Oldham area	Crompton Moor*		?	
Glossop, N Derbyshire	Glossop*		SK 027 953	
Chapel-en-le-Frith area, N Derbyshire	Ladder Hill*		SK 027 789	
Stockport	Romiley		SJ 954 904	
A628 Torhead Reservoir	Torhead Reservoir		?	
Warrington	Warrington		?	
Whitworth, Lancashire	Whitworth		SD 886 203	
A628 Woodhead Reservoir	Woodhead Reservoir		?	
Comments				
Beech Hill, Crompton Moor, Glossop and Ladder Hill all serve large populations. Birch Vale connects Ladder Hill to the rest of the multiplex area, while Warrington provides city centre coverage. Thus, these transmitters should all receive high priority. Whitworth is scheduled to receive the Lancashire multiplex, while Torhead and Woodhead provide road coverage only at the periphery; these three transmitters are arguably unnecessary.				

LANCASHIRE				NW2
Central, East, West and South Lancashire (12A)				
Bauer Digital	9/2001		1 520 000	
Current Transmitters and 2016 Plans				
Lancashire	Winter Hill	3	SD 660 144	
Burnley & Colne Valley, Lancs	Pendle Forest	5	SD 825 384	
Darwen, Lancashire	Darwen	0.6	SD 708 223	
Blackpool	Princess Street	1.2	SD 309 352	
Recently Registered with the ITU				
Barnoldswick area, Lancashire	Barnoldswick*	1.2	SD 897 490	
Haslingden area, Lancs	Haslingden*	1	SD 795 236	
North Lancashire	Lancaster*	1.5	SD 490 662	
Whalley, Lancashire	Whalley*	0.6	SD 729 352	
Whitworth, Lancashire	Whitworth	0.1	SD 886 203	
Proposed in 2011 Ofcom DAB Coverage Consultation				
Bacup, South East Lancashire	Bacup		SD 878 224	
Lune Valley, North Lancashire	Melling		SD 602 703	
Stacksteads and Water, SE Lancashire	Newchurch		SD 840 226	
Parbold and Appley Bridge, SW Lancs	Parbold		SD 477 112	
Trawden, East Lancashire	Trawden		SD 909 378	
Hodder Vale, Mid Lancashire	Waddington Fell		?	
Comments				
The Lancaster transmitter, serving about 200,000 people, fills the largest gap in coverage. Haslingden (~75,000 people), Whalley and Barnoldswick also provide significant coverage.				



NORTH WEST WALES

NW6

North West Wales (10D)			
MuxCo	12/12/2014		180 000
Current Transmitters and 2016 Plans			
West and North Gwynedd	Arfon	5	SH 476 463
Holyhead area, Anglesey	Holyhead South Stack	1	SH 213 822
Amlwch, Anglesey	Nebo	0.5	SH 471 906
N Gwynedd, Anglesey, N Conwy	Llanddona	4.7	SH 782 810
Recently Registered with the ITU			
Deiniolen and Llanberis, Gwynedd	Deiniolen	0.3	SH 576 621
Proposed in 2011 Ofcom DAB Coverage Consultation			
Cemaes, Anglesey	Cemaes		SH 373 926
<i>The following transmitters must use Channel 10C to avoid interference with the North East Wales and West Cheshire Multiplex:</i>			
Wales and West Cheshire Multiplex:			
Dolgellau, Gwynedd	Dolgellau		SH 727 185
Ffestiniog area, Gwynedd	Ffestiniog		SH 709 391
Porthmadog area, Gwynedd	Llandecwyn		SH 644 371
Newtown, Powys	Llandinam*		SO 050 877
Llanfyllin, Powys	Llanfyllin		SJ 150 180
Llanidloes, Powys	Llanidloes		SN 948 844
Llanrhaeddr-ym-Mochnant, Powys	Llanrhaeddr-ym-Mochnant		SJ 174 260
Barmouth area, Gwynedd	Llwyn Onn		SH 625 174
Welshpool area, Powys	Long Mountain*		SJ 265 057
Machynlleth, Powys	Machynlleth		SH 723 003
Comments			
Adding Deiniolen, Dolgellau, Llandecwyn, Llandinam, Llanidloes, Long Mountain and Machynlleth would match DAB coverage of Radios Cymru and Wales to that of BBC national radio.			

CUMBRIA

NW7

Cumbria (11B)			
No Operator	Licence yet to be advertised by Ofcom		
Recently Registered with the ITU			
Whitehaven, Cumbria	Bleach Green	0.3	NX 984 199
Workington area, Cumbria	Broughton Moor*	2.4	NY 058 330
Carlisle, Cumbria	Carlisle SDH	0.3	?
Coniston, Cumbria	Coniston High Man	0.3	SD 327 966
Seascale area, Cumbria	Gosforth	0.65	NY 069 012
Grange over Sands, Cumbria	Grange over Sands	0.3	?
Grasmere, Cumbria	Grasmere	0.3	NY 339 056
Kendal, Cumbria	Kendal*	2	SD 540 912
Keswick, Cumbria	Keswick	1	NY 279 224
Kirkby Stephen, Cumbria	Kirkby Stephen	0.3	NY 777 082
M6 Lowgill area, Cumbria	Knott Hall	1	SD 618 987
Lorton Vale, Cumbria	Lorton	0.3	NY 155 278
South Cumbria and NW Lancs	Morecambe Bay*	5	SD 239 791
Penny Bridge, Cumbria	Penny Bridge	0.3	SD 311 836
Penrith area, Cumbria	Penrith*	2	NY 531 313
Barrow, Cumbria	Roose	0.3	SD 220 692
North Cumbria and SW Scotland	Sandale*	5	NY 266 398
Sedbergh, Cumbria	Sedbergh	1	SD 607 879
Staveley in Cartmel, Cumbria	Staveley in Cartmel	0.3	SD 383 854
Tebay area, Cumbria	Tebay	1.5	?
Whitehaven area, Cumbria	Whitehaven*	2	NX 992 123
Windermere & Ambleside, Cumbria	Windermere*	1	SD 383 980
Proposed in 2011 Ofcom DAB Coverage Consultation			
Comments			
Most of these transmitters either serve significant populations or serve areas where Radio Cumbria is not available on FM. Therefore, launching the Cumbria multiplex using nearly all of these transmitters is justifiable.			

LIVERPOOL

NW3

Merseyside, West Cheshire, Flintshire, South Lancashire (10C)			
Bauer Digital	3/2001; Moved from 11B 20/4/2016		2 350 000
Current Transmitters and 2016 Plans			
Merseyside and South East Lancashire	Winter Hill	3	SD 660 144
Merseyside and South East Lancashire	Billinge Hill	1.6	SD 523 016
Liverpool and Wirral	St John's Beacon	0.6	SJ 348 903
Merseyside, W Cheshire, Flintshire	Moel-y-Parc	1.2	SJ 123 701
West Cheshire and South Flintshire	Hope Mountain	0.89	SJ 296 570
Recently Registered with the ITU			
Currently None			
Proposed in 2011 Ofcom DAB Coverage Consultation			
Holywell and Flint, Flintshire	Holywell Brynford Hill		SJ 185 750
Warrington	Warrington		?
Comments			
Liverpool multiplex coverage is potentially complete as transmitters for Warrington and Holywell are also proposed for neighbouring multiplexes.			

NORTH EAST WALES AND WEST CHESHIRE

NW4

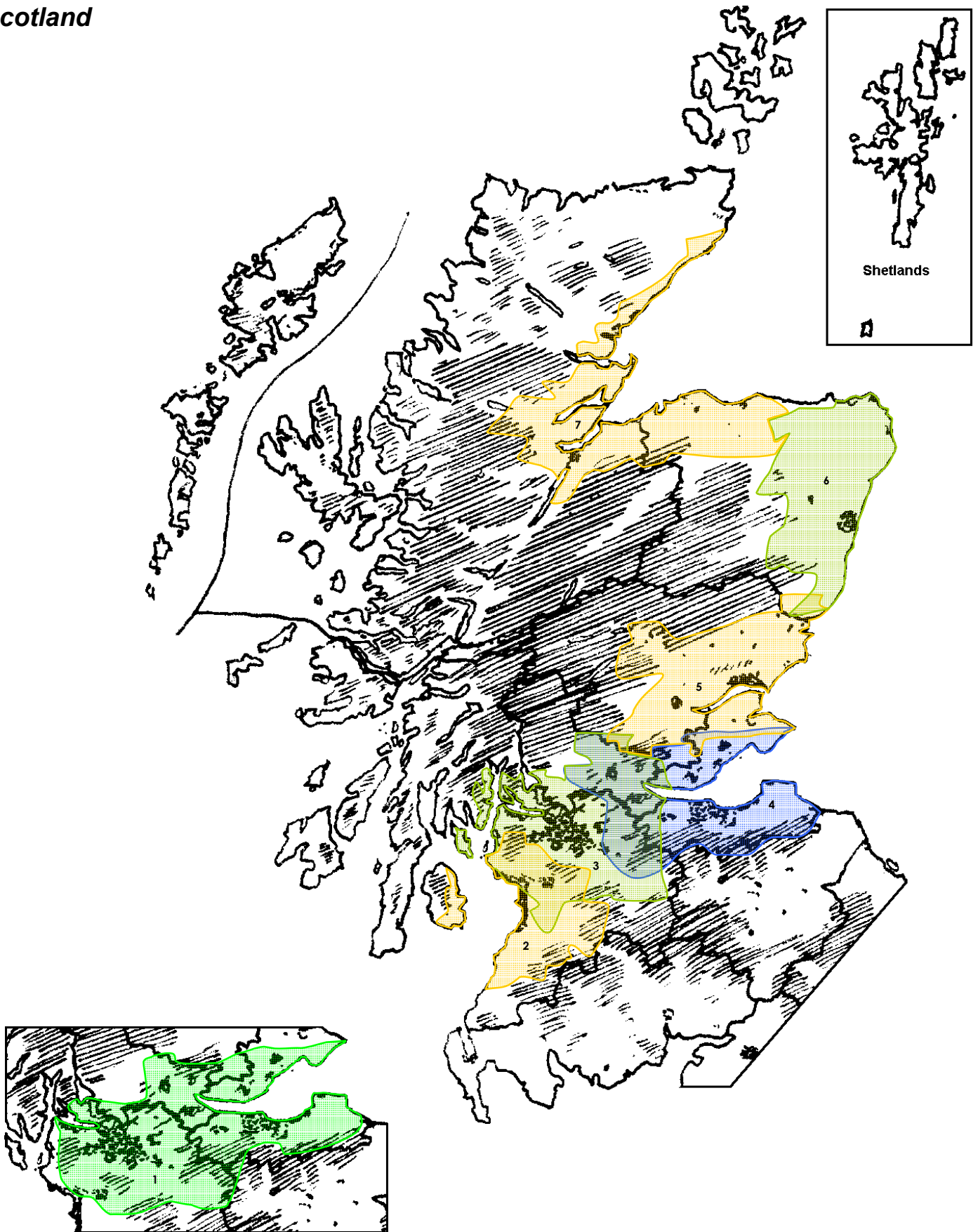
Wrexham, Flintshire, South Denbighshire, West Cheshire, Wirral and Liverpool (10D)			
MuxCo	3/2013		1 340 000
Current Transmitters and 2016 Plans			
Flintshire, S Denbighshire, W Cheshire	Moel-y-Parc	3.55	SJ 123 701
North East Wales and W Cheshire	Llangollen	5	SJ 209 488
Wrexham area	Wrexham Rhos	3	SJ 301 537
Liverpool and Wirral	St John's Beacon	1.5	SJ 348 903
Recently Registered with the ITU			
Currently None			
Proposed in 2011 Ofcom DAB Coverage Consultation			
Bala, Gwynedd	Bala		SH 969 375
Holywell and Flint, Flintshire	Holywell Brynford Hill		SJ 185 750
Comments			
Adding Bala, Holywell Brynford Hill and also Llangollen Pennant Farm would match DAB coverage of Radios Cymru and Wales to that of BBC national radio. In the long term, a transmitter at Corwen will also be needed.			

NORTH WALES

NW5

North Clwyd and NE Gwynedd (12D)			
MuxCo	12/12/2014		200 000
Current Transmitters and 2016 Plans			
Conwy & Llandudno, Conwy	Conwy	0.5	SH 781 765
Colwyn Bay area, Conwy	Penmaen Rhos	0.6	SH 877 779
Rhyl and Prestatyn, Denbighshire	Gwaenysgar	0.65	SJ 077 817
Recently Registered with the ITU			
Currently None			
Proposed in 2011 Ofcom DAB Coverage Consultation			
Betws-y-Coed and Llanrwst, N Wales	Betws-y-Coed	-	SH 825 582
Comments			
Adding Betws-y-Coed would match DAB coverage of Radios Cymru and Wales to that of BBC national radio.			

Scotland



CENTRAL SCOTLAND REGION

SC1

Glasgow, Lanarkshire, Dumbartonshire, Renfrewshire, Lothian, Fife, Stirling and Falkirk (11D)

Switch Digital 5/2001 3 240 000

Current Transmitters and 2016 Plans

Central Scotland	Kirk O'Shotts	1.88	NS 858 638
Ayrshire	Darvel	0.5	NS 557 341
Paisley and Glasgow area	Sergeants Law	0.948	NS 455 597
Glasgow	Glasgow William St	0.3	NS 580 654
West Glasgow	Glasgow W Central	0.01	NS 565 683
South Glasgow	Cathcart	0.01	NS 566 615
Lothian and Fife	Craigkelly	0.78	NT 233 872
South Edinburgh	Braid Hill	0.01	NT 250 694
Stirling and Falkirk area	Earls Hill	0.74	NS 718 884

Comments

The commercial viability of this multiplex is questionable given the lack of services carried on it. Radio Nan Gaidheal could move to the Glasgow and Edinburgh multiplexes if this multiplex closes.

AYR

SC2

Ayrshire (11B)

Arqiva 5/2002 370 000

Current Transmitters and 2016 Plans

Ayrshire	Brown Carrick Hill	4	NS 291 162
Ayrshire	Darvel	0.76	NS 557 341
West Kilbride, Ayrshire	West Kilbride	1.51	NS 215 483
Girvan, Ayrshire	Girvan	2	NX 211 981

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

Ballantrae, South Ayrshire Ballantrae NX 089 827

Comments

DAB coverage of Radios Nan Gaidheal and Scotland is already matched that of BBC national radio in this area.

GLASGOW

SC3

Glasgow, Lanarkshire, Dumbartonshire, Renfrewshire, Stirling and Falkirk (11C)

Bauer Digital 7/6/2000 2 390 000

Current Transmitters and 2016 Plans

Glasgow and West Central Scotland	Black Hill	4.23	NS 828 647
Glasgow	Glasgow William St	0.3	NS 580 654
West Glasgow	Glasgow W Central	0.1	NS 565 683
South Glasgow	Cathcart	0.1	NS 566 615
Paisley and Glasgow area	Sergeants Law	0.886	NS 455 597
Ayrshire	Darvel	1	NS 557 341
Largs, Rothesay, Clude Mouth	Rothesay	1	NS 125 690
Greenock and Firth of Clyde	Rosneath	1.8	NS 125 691
Dumbarton and Alexandria	Milburn Muir	0.4	NS 378 796
Stirling and Falkirk area	Earls Hill	2	NS 718 884

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

M74 South Lanarkshire	Abington	NS 938 221
Biggar, South Lanarkshire	Biggar	NT 016 325
Lanark area	Kirkfieldbank	NS 862 443

Comments

Adding Biggar would match DAB coverage of Radios Nan Gaidheal and Scotland to that of BBC national radio.

EDINBURGH

SC4

Lothian and Fife (12D)

Bauer Digital 10/2000 1 590 000

Current Transmitters and 2016 Plans

Lothian and Fife	Craigkelly	4	NT 233 872
Edinburgh	Braid Hills	1	NT 250 694
Edinburgh	Edinburgh SHF	0.3	NT 258 741
East Lothian	Athelstaneford	1	NT 515 760
Penicuik, Lothian	Penicuik	2.5	NT 229 597
West Lothian	Black Hill	2.4	NS 828 647
Stirling and Falkirk area	Earls Hill	0.74	NS 718 884
West Fife	Knock Hill	1.58	NT 054 937

Recently Registered with the ITU

Currently None

Proposed in 2011 Ofcom DAB Coverage Consultation

Kinross area, Fife Kinross NT 097 996

Comments

Adding Drumcarrow Craig (not listed above) would match DAB coverage of Radios Nan Gaidheal and Scotland to that of BBC national radio.

DUNDEE AND PERTH

SC5

Tayside (11B)

Bauer Digital 10/2002 520 000

Current Transmitters and 2016 Plans

Tayside	Angus	3	NO 394 407
Perth area	Kirkton Mailer	1.48	NO 102 210
Pitlochry and Aberfeldy	Faire Mhor	1.5	NN 993 583
North Fife	Purin Hill	1.49	NO 252 059

Recently Registered with the ITU

Montrose and Brechin	Ardovie Quarry	1	NO 590 580
Dundee	Tay Bridge	0.6	NO 430 284

Proposed in 2011 Ofcom DAB Coverage Consultation

Blair Atholl, Perthshire	Blair Atholl	NN 894 658
Crieff area, Perthshire	Crieff	NN 814 200
Dunkeld, Perthshire	Dunkeld	NO 046 415

East Fife
Pitlochry and AberfeldyDrumcarrow Craig (replacing Purin Hill)
Pitlochry (replacing Faire Mohr)NO 459 132
NN 923 565**Comments**

Adding Ardovie Quarry, Crieff and Tay Bridge would match DAB coverage of Radios Nan Gaidheal and Scotland to that of BBC national radio.

ABERDEEN

SC6

Aberdeen and Aberdeenshire (11C)

Switch Digital 12/2001 440 000

Current Transmitters and 2016 Plans

Aberdeenshire	Meldrum	8.51	NJ 760 329
East Aberdeenshire	Durriss	2	NJ 763 897
Aberdeen	Redmoss	1.2	NJ 942 024
North East Aberdeenshire	Mormond Hill	1	NJ 982 569

Recently Registered with the ITU

Peterhead Peterhead 0.3 NK 111 452

Proposed in 2011 Ofcom DAB Coverage Consultation

Aberdeen	Balgownie	NJ 927 104
A93 Braemar to Baddoch	Ballintuin	?
A93 Balmoral to Braemar	Ballochbule Forest	?
Braemar, SW Aberdeenshire	Braemar	NO 108 907
A93 Baddoch to Spittal of Glenshee	The Cairnwell	?
Huntly and Glen of Foudland	Gartly Moor	NJ 547 326
Dee Valley, Aberdeenshire	Tullich	NO 379 984

Comments

Adding Balgownie, Gartly Moor and Tullich would match DAB coverage of Radios Nan Gaidheal and Scotland to that of BBC national radio. Ballintuin, Ballochbule Forest and The Cairnwell serve very few people, providing road coverage only, so are a very low priority.

INVERNESS

SC7

Inverness and Moray Firth (11B)

Bauer Digital 11/2003 230 000

Current Transmitters and 2016 Plans

Inverness and Moray Firth	Mounteagle	10	NH 639 580
Moray	Knock More	5	NJ 321 497

Recently Registered with the ITU

Speyside, Highland	Grantown	1.2	NJ 003 267
Thurso, Highland	Thurso	0.65	ND 119 673

Proposed in 2011 Ofcom DAB Coverage Consultation

Bonar Bridge and Ardgay, Highland	Balblair Wood	NH 593 952
Banff, NW Aberdeenshire	Banff	NJ 687 617
Charlestown of Aberlour, Moray	Craigellachie	NJ 262 443
Crubenmore & Dalwhinnie, Highland	Crubenmore	NN 666 904
Dingwall, Highland	Fodderty	NH 511 606
Fort Augustus, Highland	Fort Augustus	NH 360 049
Kingussie, Highland	Kingussie	NN 769 985
Lairg, Highland	Lairg	NC 573 056
Thurso & Wick area, Highland	Rumster Forest*	10 ND 197 385
Tomatin, Highland	Tomatin	NH 822 288
Tomintoul, Moray	Tomintoul	NJ 163 209
Drumnadrochit, Highland	Wester Erchite	NH 577 307

Comments

Adding Grantown, Kingussie and Rumster Forest would match DAB coverage of Radios Nan Gaidheal and Scotland to that of BBC national radio. Rumster Forest also serves a large population. Lairg, Tomatin and Tomintoul serve very small populations.

UNALLOCATED AREAS

Many parts of Scotland have not been allocated to a DAB multiplex. The following transmitters would be needed to match coverage of Radios Nan Gaidheal and Scotland to that of BBC national radio:

Scottish Borders

Border Region	Selkirk*	NT 500 294
Border Coast	Eyemouth*	NT 947 599
Innerleithen, Border	Innerleithen	NT 325 368
Peebles, Border	Peebles	NT 228 416
Jedburgh, Border	Jedburgh	NT 228 416
Hawick, Border	Crumhaugh Hill*	NT 487 131

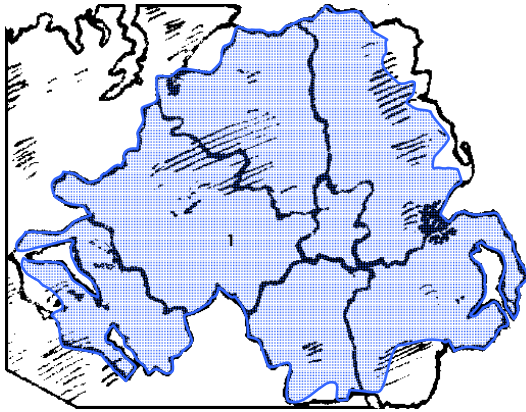
Dumfries and Galloway

South West Scotland	Sandale*	NY 266 398
Langholm, Dumfries & Galloway	Langholm	NY 358 830
Dumfries area	Dumfries South	NX 970 741
Moffat, Dumfries & Galloway	Moffat	NT 066 062
Thornhill, Dumfries & Galloway	Thornhill	NX 855 891
Kirkconnel and Sanquhar, D&G	Kirkconnel	NS 746 150
Mid Dumfries and Galloway	Barskeoch Hill	NX 810 616
Wigfown Bay area, D&G	Cambret Hill	NX 524 578
Stranraer, Dumfries & Galloway	Stranraer	NX 111 632

Western Scotland

South West Central Region	Ben Gullipen	NN 598 045
E Lewis, N Skye & W Highland	Melvaig	NG 757 900
Isle of Lewis	Eitshal*	NB 305 302
North Uist	Cleithraval	NF 751 716
Skye	Skriaig	NG 451 408
Oban area, Highland	Oban	NM 850 290
Fort William area, Highland	Cow Hill	NN 112 735
South Knapdale, Strathclyde	South Knapdale	NR 837 748
Campbeltown, Argyll	Campbeltown	NR 707 172
South Islay	Port Ellen	NR 338 452
Orkney and Shetland		
Orkney	Keelylang Hill	HY 378 102
Shetland	Bressay	HY 378 102
Scalloway, Shetland	Scalloway	HU 398 398

Northern Ireland



NORTHERN IRELAND

NI1 ■

Northern Ireland (12D)

Bauer Digital 8/2001 1 590 000

Current Transmitters and 2016 Plans

Central and East Northern Ireland	Black Mountain	7	IJ 278 727
Newtownabbey, Northern Ireland	Colinward	0.5	IJ 317 803
North Northern Ireland	Limavady	6.2	IC 711 296
Derry area	Londonderry	5	IC 404 176
Western Northern Ireland	Strabane	3.3	IH 393 947
Fermanagh and South Tyrone	Brougher Mountain	4.35	IH 350 527
Armagh, Northern Ireland	Armagh	5	IH 891 445
South East Northern Ireland	Camlough	3	IJ 055 246
Newcastle, Northern Ireland	Newcastle	2	IJ 362 302
Newtownards, Northern Ireland	Newtownards	0.015	IJ 501 738
Bangor, Northern Ireland	Bangor	0.025	IJ 500 817

Recently Registered with the ITU

Cookstown, Northern Ireland	Cookstown Centre	0.3	IH 811 780
Enniskillen, Northern Ireland	Enniskillen*	0.5	IH 233 457
Larne, Northern Ireland	Larne*	0.2	ID 395 037
Coleraine, Northern Ireland	Maddybenny Moor	1.5	IC 847 376
Ballymena, Northern Ireland	Tully Quarry*	0.6	ID 163 005
Whitehead, Northern Ireland	Whitehead	0.3	IJ 476 930

Proposed in 2011 Ofcom DAB Coverage Consultation

Central and East Northern Ireland	Divis (replacing Black Mountain)		IJ 286 750
Newtownabbey, Northern Ireland	Carnmoney Hill (replacing Colinward)		IJ 336 829
Ballycastle, Northern Ireland	Ballycastle Forest	0.1	ID 077 423
Carnlough and Glenarm, N Ireland	Bellair		ID 295 153
Cushendall, Northern Ireland	Cushendall		ID 209 275
Glenariff, Northern Ireland	Glenariff		ID 235 258

Comments

Adding Ballycastle, Enniskillen, Larne, Maddybenny Moor and Tully Quarry would match DAB coverage of Radio Ulster to that of BBC national radio. Cushendall serves a very small population, but this area cannot receive Radio Ulster on FM. A transmitter at Belcoo, Fermanagh would fill another small gap in FM coverage.