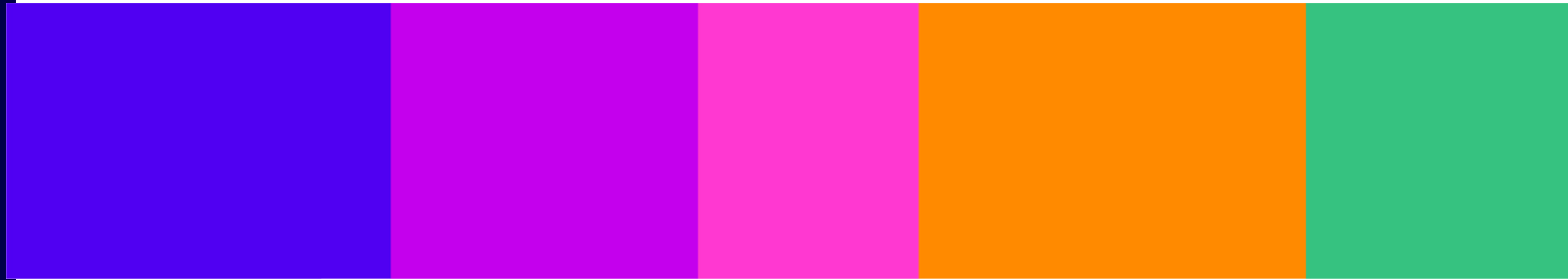




Community Radio: Improvements to existing coverage and coverage extensions

Technical change request form

Application form



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Overview

This form should be used for any requests relating to a change in the transmission arrangements of an analogue community radio service, such as:

- Changing the transmission parameters at an existing transmission site (e.g. increasing the power of a transmitter or changing the aerial height or pattern);
- Changing transmission site; or
- Adding a new transmission site (for a relay).

Complete all relevant parts of this form and provide coverage maps as appropriate. Incomplete forms may result in your application being unsuccessful.

Before completing this form, applicants are strongly advised to read the separate guidance document.

1. Applicant's details

1.1 Licence number:

CR000229

1.2 Licence area:

Warminster

1.3 Licensee:

WCR Community Radio

1.4 Station name:

WCR

1.5 Contact name:

[XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX]

1.6 Contact email address:

[XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX]

1.7 Contact telephone number:

[XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX]

1.8 Date of request:

13 October 2024

2. Current transmission details

2.1 Site name:

Warminster Town

2.2 Site address (including postcode):

Athenaeum Centre, 18-20 High Street, Warminster BA12 9AE

2.3 Site owner:

2.4 National Grid Reference:

5T87374516

2.5 Site height (aod):

117m

2.6 Antenna height(agl):

19m

2.7 Aerial pattern:

Directional

2.8 Frequency:

105.5MHZ

2.9 Transmission power:

25+25

2.10 If you are currently have more than one existing transmission site, please let us know and complete one set of details for the additional existing transmission site(s) in Annex 1.

There is more than one existing transmission site and I have completed the details of additional existing site(s) in Annex 1, Part A.

Yes/No (delete as appropriate)

3. Details of proposed change

Improvement to existing coverage or coverage extension

- 3.1 Do you request an improvement to existing coverage or a coverage extension? See Section 3 of the guidance document for further information.

Licensees should first check the technical conditions in their WTA licence and assess if there might be scope for changing or upgrading equipment in order to improve the radio signal while remaining within the limits authorised under the WTA licence and community radio licence as it stands now.

I am requesting an improvement to existing coverage within the licensed coverage area (please complete Part 3a) – **Yes / No (delete as appropriate)**

I am requesting a coverage extension of the licensed coverage area (please complete Part 3b) – **Yes / No (delete as appropriate)**

Technical change being applied for

- 3.2 Please indicate below which technical change(s) you are applying for. In paragraphs 3.6 – 3.35 of the guidance document we describe some technical changes for which you might apply.

I want to change the transmission parameters at an existing transmission site, e.g. a power increase, changing the aerial height or pattern (please complete Section 4) – **Yes / No (delete as appropriate)**

I want to change the location of the transmission site (please complete Section 5) – **Yes / No (delete as appropriate)**

I want to add a new transmission site (please complete Section 6) – **Yes / No (delete as appropriate)**

- 3.3 If you are requesting a combination of changes or if you want to provide multiple options (see paragraphs 2.12 – 2.13 in the guidance document), please explain why:

3a. Coverage improvement

Complete this section if you are requesting to improve the existing coverage within your licensed coverage area. See sections 3.36-3.44 of the guidance document for further information. If you refer to annexes such as maps or evidence, please list them in section 3.4. Your application may be unsuccessful if you do not provide all the information requested. If you are requesting a coverage extension of the licensed coverage area, please skip to Section 3b.

Outline of proposed change

- 3.4 Describe the areas in which you want to improve your existing coverage within the licensed coverage area and provide evidence of poor coverage or significant and harmful incoming interference in your licensed coverage area, including a map in which you have marked the areas in which you want to improve your coverage¹.

- 3.5 Set out details of the change(s) you wish to make to your transmission arrangements, and explain why you think this is the best technical solution:

- 3.6 Provide a list of the annexes (maps and any other evidence). Your application may be unsuccessful if you do not provide all the information requested. You can expand the table if necessary:

Annex number	Name	Short description

¹ Please refer to the [licensed coverage area map](#) of your area on our website.

3b. Extension of existing coverage

Complete this section if you are requesting to extend your licensed coverage area. See sections 3.45-3.52 of the guidance document for further information. If you refer to annexes such as maps or evidence, please provide a list at section 3.14 below. Your application may be unsuccessful if you do not provide all the information requested.

Outline of proposed change

- 3.7 Please provide a reasoned argument for the extension of existing coverage, including:
- a description of the area you wish to extend existing coverage to (e.g. the streets, council ward or town), along with a map illustrating the area concerned (with the requested area marked or circled)²;
 - the reason why you are requesting an extension of coverage into this area;
 - an estimate of the size of the population in the area you wish to extend into, the source of this information (e.g. local council statistics), and any evidence of demand or support for the service in the extended area;
 - whether the area or locality into which you are extending existing coverage has a relationship or affinity to the existing licensed area, and a description of that relationship or affinity;
 - whether there are any exceptional circumstances which would justify an increase that would be reasonably considered “significant”;
 - a short description of how the station will provide a radio service for the target community in the extended area; and
 - any other reasons for the request that you wish us to consider.
- 3.8 Set out details of the change(s) you wish to make to your transmission arrangements, and explain why you think this is the best technical solution:

We wish to double to erp from our existing site. This currently sits comfortably in the centre of our desired coverage area and we believe it is the best and most cost- effective solution.

- 3.9 Describe the area you wish to extend existing coverage into:

We wish to include some of the smaller outlying villages and hamlets, many of which currently have little or no coverage but who naturally look to Warminster for their major needs.

² Please refer to the licensed coverage area map of your area on our website.

3.10 Explain why you are requesting an extension into this area:

Many of our potential listeners in outlying villages and hamlets have asked us if we could arrange for them to better receive WCR. Some have petitioned Warminster and parish councils.

3.11 Describe the size of the population, the source of this information, and any evidence of demand or support for the service in the extended area:

Our propagation analysis shows an increase of 8,419 listeners from our estimated current level of 14,074 to 22,489, a modest increase. This is based on the 54dB μ V/m contour, we understand there may be more at lower field strength levels. We have had numerous letters of support in addition to verbal requests. Copies of these are enclosed.

3.12 Describe any relationship or affinity the area or locality into which you are extending existing coverage has with the existing licensed area:

The outlying villages and hamlets all rely on Warminster for their shopping and essential needs. This especially so for populations to the south and east of the area as there are no large towns. To the north and west we have Westbury (no CR coverage) and Freme (one CR station).

3.13 Describe any exceptional circumstances which would justify an increase that would be reasonably considered "significant" (if appropriate):

3.14 Explain how you will provide a community radio service for the target community in the extended area:

Our existing service will be of direct interest to the listeners in there outlying areas for the reasons already outlined. We will, of course, endeavour to editorially cover activities and opinions form these areas.

3.15 Provide any other reasons for the request that you would like us to consider (if applicable):

3.16 Provide a list of the annexes (maps and any other evidence). Your application may be unsuccessful if you do not provide all the information requested. You can expand the table if necessary:

Annex number	Name	Short description
1	WCR existing	Our plot of existing coverage
2	WCR proposed	Plot of S0+S0W based on same parameters as existing but with increased power.

4.Modification to an existing transmission site(s)

About this section

Please complete this section if you are requesting to modify the transmission parameters (e.g. a power increase, a change to aerial pattern) at an existing transmission site.

4.1 Site name (use the same name you have provided in Part 2).

Warminster town

4.2 What change are you looking to make to the transmission parameters?

I want to increase the transmission power (Ofcom will determine the transmission power that you need to improve or extend the coverages in the areas you have described in sections 3a or 3b of this application form) – **Yes**

I want to change the aerial height –**No**

I want to change the aerial pattern – **No**

4.3 Explain the requested change to the transmission parameters:

We have carried out coverage plots (presuming omnidirectional coverage) which show that a doubling of our erp to S0+S0W will bring significant improvements in line with our aims.

4.4 If you are requesting permission to modify more than one existing transmission site, please let us know and complete one set of details for each site in Annex 1.

I want to request permission to modify more than one existing transmission site and I have completed the details of additional existing site(s) in Annex 1, Part B.

Yes / No (delete as appropriate).

5. Proposed move of the transmission site

About this section

Complete this section if you are requesting to move to a new transmission site.

- 5.1 Please provide the following details of the existing transmission and the proposed new transmission site.

Current transmission details

- a. Site name:

- b. Site address:

- c. Site owner:

- d. National Grid Reference:

- e. Site height:

- f. Antenna height:

- g. Aerial pattern:

- h. Frequency:

- i. Transmission power:

Proposed new transmission details

a. Site name:

b. Site address:

c. Site owner:

d. National Grid Reference:

e. Site height:

f. Antenna height:

g. Aerial pattern:

h. Frequency:

i. Transmission power:

Comments:

5.2 If you are requesting permission to move more than one existing transmission site, please let us know and complete one set of details for the other site(s) in Annex 1.

I want to request permission to move more than one existing transmission site and I have completed the details of additional existing site(s) in Annex 1, Part C.

Yes / No (delete as appropriate)

6. Proposed additional transmission site(s)

About this section

Complete this section if you are requesting to add one or more new transmission sites to your existing site(s).

6.1 Please provide details of the proposed new transmission site:

a. Site name:

b. Site address:

c. Site owner:

d. National Grid Reference:

e. Site height:

f. Antenna height:

g. Aerial pattern:

h. Frequency:

To be determined by Ofcom

i. Transmission power:

To be determined by Ofcom

6.2 If you are requesting permission to add more than one existing transmission site, please let us know and complete one set of details for the other site(s) in Annex 1.

I want to request permission to add more than one existing transmission site and I have completed the details of additional existing site(s) in Annex 1, Part D.

Yes / No (delete as appropriate)

Additional request forms for transmission sites

Part A: Additional current transmission details

Complete this part if you have more than one existing transmission site. Please provide the details below in addition to the details you have provided in Section 2.

Second existing transmission site

Site name:	
Site address (including postcode):	
Site owner:	
National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	
Frequency:	
Transmission power:	

Third existing transmission site

Site name:	
Site address (including postcode):	
Site owner:	
National Grid Reference:	
Site height (aod):	

Antenna height (agl):	
Aerial pattern:	
Frequency:	
Transmission power:	

Part B: Modification to additional existing transmission site (s)

Complete this part if you are requesting to modify the technical parameters of more than one existing transmission site. Please provide the details below in addition to the details you have provided in Section 4.

Second request to modify an existing transmission site

A6.2.a.i.1.1 Site name (use the same name you have provided in Part 2):

A6.2.a.i.1.2 What change are you looking to make to the transmission parameters?

I want to increase the transmission power (Ofcom will determine the transmission power that you need to improve or extend the coverages in the areas you have described in sections 3a or 3b of this application form) – **Yes / No (delete as appropriate)**

I want to change the aerial height – **Yes / No (delete as appropriate)**

I want to change the aerial pattern – **Yes / No (delete as appropriate)**

A6.2.a.i.1.3 Explain the requested change to the transmission parameters:

A6.2.a.i.1.4 If you are requesting permission to modify more than one existing transmission site, please let us know and complete one set of details for each site in Annex 1.

I want to request permission to modify more than one existing transmission site and I have completed the details of additional existing site(s) in Annex 1, Part B.

Yes / No (delete as appropriate)

Third request to modify an existing transmission site

A6.2.a.i.1.5 Site name (use the same name you have provided in Part 2):

A6.2.a.i.1.6 What change are you looking to make to the transmission parameters?

I want to increase the transmission power (Ofcom will determine the transmission power that you need to improve or extend the coverages in the areas you have described in sections 3a or 3b of this application form) – **Yes / No (delete as appropriate)**

I want to change the aerial height – **Yes / No (delete as appropriate)**

I want to change the aerial pattern – **Yes / No (delete as appropriate)**

A6.2.a.i.1.7 Explain the requested change to the transmission parameters:

A6.2.a.i.1.8 If you are requesting permission to modify more than one existing transmission site, please let us know and complete one set of details for each site in Annex 1.

I want to request permission to modify more than one existing transmission site and I have completed the details of additional existing site(s) in Annex 1, Part B.

Yes / No (delete as appropriate)

Part C: Proposed move of the transmitter site

Complete this part if you are requesting to move more than one existing transmission site. Please provide the details below in addition to the details you have provided in Section 5.

Second request for moving existing transmission site

Current transmission details

Site name:	
Site address (including postcode):	
Site owner:	
National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	

Frequency:	
Transmission power:	
Comments	

Proposed new transmitter site

Site name:	
Site address (including postcode):	
Site owner:	
National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	
Frequency:	N/A
Transmission power:	To be determined by Ofcom
Comments	

Third request for moving existing transmission site

Current transmission details

Site name:	
Site address (including postcode):	

Site owner:	
National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	
Frequency:	
Transmission power:	
Comments	

Proposed new transmitter site

Site name:	
Site address (including postcode):	
Site owner:	
National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	
Frequency:	N/A
Transmission power:	To be determined by Ofcom
Comments	

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Part D: Proposed additional transmission site(s)

Complete this part if you are requesting to add more than one additional transmission site. Please provide the details below in addition to the details you have provided in Section 6.

Second proposed new transmission site

Site name:	
Site address (including postcode):	
Site owner:	
National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	
Frequency:	To be determined by Ofcom
Transmission power:	To be determined by Ofcom
Comments	

Second proposed new transmission site

Site name:	
Site address (including postcode):	
Site owner:	

National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	
Frequency:	To be determined by Ofcom
Transmission power:	To be determined by Ofcom
Comments	

Third proposed new transmission site

Site name:	
Site address (including postcode):	
Site owner:	
National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	
Frequency:	To be determined by Ofcom
Transmission power:	To be determined by Ofcom
Comments	

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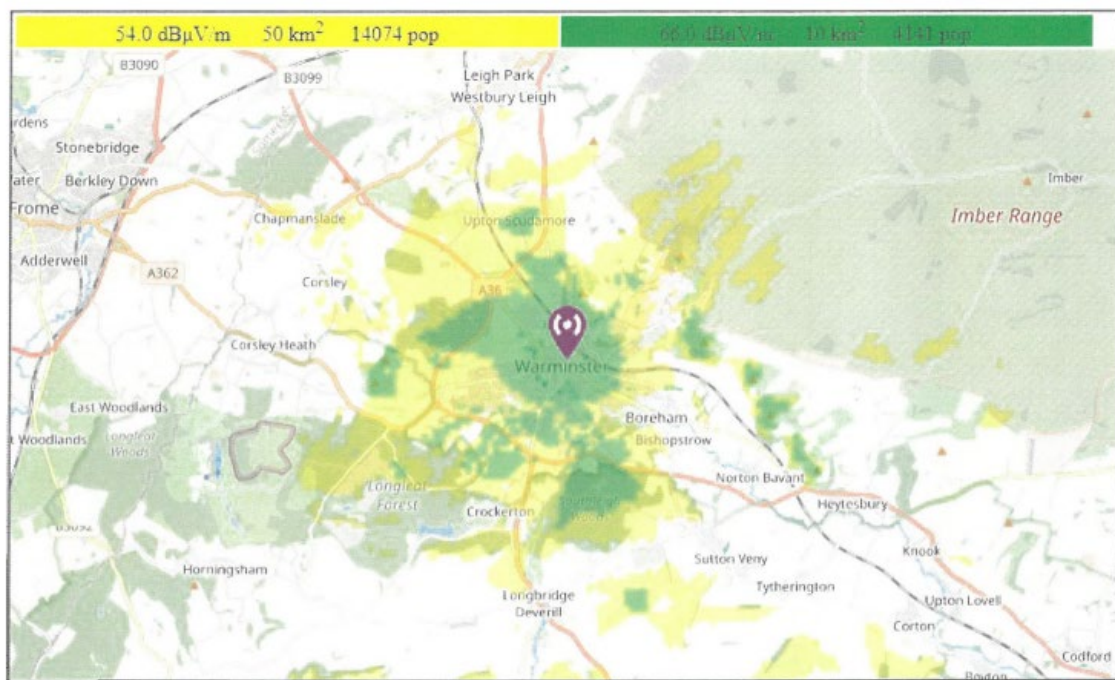
Fourth proposed new transmission site

Site name:	
Site address (including postcode):	
Site owner:	
National Grid Reference:	
Site height (aod):	
Antenna height (agl):	
Aerial pattern:	
Frequency:	To be determined by Ofcom
Transmission power:	To be determined by Ofcom
Comments	

WCR

Existing Coverage

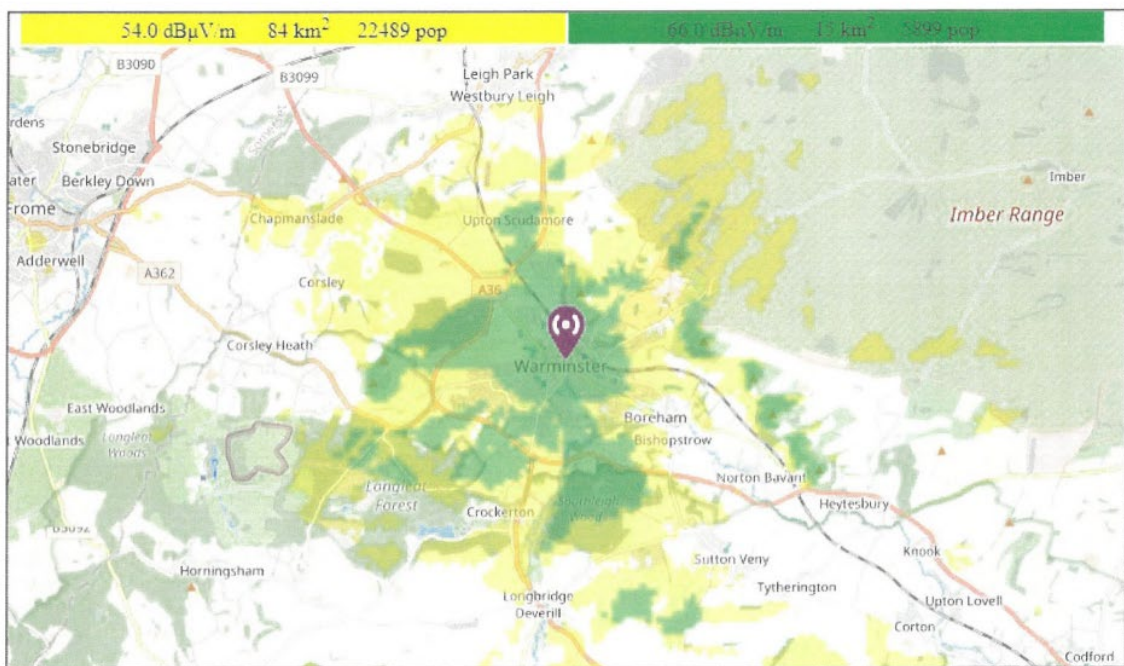
Estimate based on omnidirectional model



WCR

Proposed Coverage

Estimate based on omnidirectional model



Delivering a brighter, greener future for all

Community Radio DAB Licencing,
Ofcom,
Riverside House,
2a Southwark Bridge Road,
London SE1 9HA.

Wednesday 16th October 2024

Dear Ofcom,

I am writing to express the very strong support of Warminster Town Council for the application by Warminster Community Radio (WCR) for a power upgrade. To recap some points from a previously letter in support of their license:

The Town Council has recently given a significant grant to the station to ensure that upgrades are made to the station so it has the resilience to continue for at least the next decade. This has been funded by the aptly named Community Infrastructure Levy, WCR being very much part of the community infrastructure.

Warminster Community Radio provide a fantastic service to Warminster and beyond. As demonstrated during Covid 19, WCR are a crucial part of the town council emergency and reliance plan, being the quickest, easiest and most reliable way of getting information to and from the community in the event of an emergency.

A power upgrade will give a stronger signal in weaker areas, in particular to the villages that surround Warminster and look to Warminster for their facilities. Currently the topography of the area and the strength of the signal means some people cannot get a consistently strong signal for them to benefit from the service.

WCR has won many awards, it is truly embedded in the community.

Yours sincerely,

XX
XX
XX
XX
XX

16 October 2024

XX
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XX
XX

Dear XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

As a Corsley village resident and now Chair of the Parish Council I have made it very clear over the last 5 years how frustrating it is that we are unable to receive WCR community radio across the majority of Corsley despite only being 3 miles from the transmitter.

I appreciate that we have particularly difficult terrain issues but WCR community radio is an invaluable asset to the community and your support has been amazing in publicising and support events such as the Corsley Show and Fair as well as community open gardens, orchard and sports event.

We would like to use it more to share vital information to our residents, especially issues caused by climate change such as flooding and power outages, have it in our emergency plan as well as sharing health and well being events such as free lunches etc. However, because we have no/ poor signal it is impossible.

Furthermore, events that take place in Warminster that are communicated by WCR community radio do not get to Corsley residents who therefore are effectively bared from access because of the local information desert caused by having not signal.

I understand that there is a possibility that WCR community radio could have a stronger signal so that the service is easily accessible to Corsley residents and I would absolutely welcome this because of the benefits already described as well as the additional routes it would support to communicate to Corsleyites.

Best regards

XX

Sutton Veny Parish Council

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XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

21 October 2024

Dear XXXXXXXXXXXXXXXXXXXXXXX

We have been notified that sadly the long-awaited high-speed internet will be delayed in the roll out to Warminster's surrounding villages.

As the local radio is the only other form of information sharing to all residents, we would be grateful if you would please lobby for increased power to the transmitter servicing Sutton Veny so that the signal may be improved for all.

Yours faithfully

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

