



RAYNET-UK

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Registered Charity No. 1047725
Registered Office: 9 Conigre, CHINNOR, Oxfordshire OX39 4JY

Callsign(s) for Temporary Repeater Operation

To Controller: Geoff Priestley M5KRG of Keighley RAYNET Group

In accordance with clause 16 of the Amateur Radio Wireless Telegraphy Licence Conditions (OFW611) this letter confirms the issue of a callsign(s) for the operation of a temporary repeater at powers greater than 5 Watts and less than 25 Watts erp.

Date of issue: 21 July 2024

Expires: 31 July 2025

Allocated Callsign(s) MB9AHA, MB9AHB, MB9AHC

Permitted frequencies: Those frequencies shown in the RSGB Band plan as “May be used for Emergency Communications and Community Events” in the 50, 70, 144 and 430MHz bands.

Special frequencies: None

Permitted Modes: Any permitted mode in the licence, analogue and digital.

Maximum Bandwidth: 12kHz

Geographical constraints: Within your Group Geographical operational area unless previously notified.

The issue of this callsign permits the named licensee to operate repeaters at the stated power levels either in band or cross band noting the provisions of Clause 16 of the licence.

16. Where this is a Full, Full (Club) or Full (Temporary Reciprocal) Licence, the Radio Equipment may be used as a Repeater Station at powers greater than 5 Watts but no more than 25 Watts ERP, providing that the Licensee:

- a) transmits in accordance with any restrictions as notified by Ofcom;*
 - b) does not operate in a frequency band below 28 MHz;*
 - c) ensures that the Repeater is identified using the call sign allocated and published by the Radio Society of Great Britain or any other body stipulated by Ofcom for that purpose;*
 - d) is able to demonstrate that reasonable steps have been taken to minimise the risk of the Repeater causing undue interference to other authorised uses of radio and provide evidence of this if requested by Ofcom;*
 - e) is able to close down the Repeater within two hours of being required to do so by Ofcom;*
 - f) takes all reasonable steps to ensure that the Repeater is only used by an Amateur;*
- and*
- g) remains responsible for the operation of the Repeater and compliance with the terms, conditions and limitations of the Licence.*

With regard to d) above, co-ordination is achieved with other users of the spectrum by following the RSGB Band Plan. If your group uses non-standard frequencies then these should be notified to permits@raynet-uk.net so that co-ordination with other band users is confirmed. These frequencies will be noted above.

To co-ordinate with other RAYNET groups using our scarce resource it is recommended that groups register their events and frequency usage in the RAYNET Diary at <https://members.raynet-uk.net/event.asp> .

When applying for a renewal of these callsigns, full details of the occasions when this permission has been exercised must be included or you can report anytime, electronically, on the web site www.raynet-uk.net

Notes

- Although manned Temporary Repeaters are no longer essential, it is still ***strongly recommended***.
- If unattended, the Controller should risk assess the loss of an un-manned Temporary Repeater to the user service and the potential for it to compromise the whole radio network.
- Temporary Repeater stations are frequently well sited and care should be taken to run the minimum RF power necessary for the operation and to identify clearly.
- During the setting up phase, the Temporary Repeater operator should, ideally, establish contact with each station expected to use the facility although this may not always be possible.
The person responsible for the temporary repeater must monitor both sides of the system and be prepared to intervene quickly if a problem occurs.
The following identification is recommended at regular intervals;
This is <allocated repeater callsign> operating a temporary repeater for the <name of event> .
This station is located at <location>.
If the temporary repeater is operated 'unattended' then the Control station must make the appropriate identification announcements as part of their own.
- 70cm In band operation
432.775 MHz (O/P) and 434.375 MHz (I/P) using the standard UK repeater split of 1.6 MHz
430.800 MHz and 438.400 MHz for 7.6MHz split
Operations in the immediate vicinity (both in frequency and location) of existing 7.6MHz repeaters and data nodes should be avoided to avoid interference/de-sense issues.
Details of repeaters and data nodes/links can be found on the RSGB and other websites. Care should be taken when using 7.6MHz to avoid setting up feedback loops with other repeaters.
- 2m In Band Operation
The use of 144.625MHz and 145.225MHz for 600kHz in band operation is suggested though this may be subject to change in 2024.

It is subject to cancellation at any time by Ofcom or by any member of the Management Committee of RAYNET-UK.

If challenged, the Temporary Repeater operator should quote the given callsign, and confirm that the operation is properly authorised. The Permit Co-ordinator and your local Zone Coordinator should be informed of any interference, or challenges, as soon as possible.

Please e-mail a report of the challenge to tt.reports@raynet-uk.net and zoneX@raynet-uk.net (where X is your zone number). Any enquirer should be referred to: RAYNET-UK Permit Co-ordinator, 9 Conigre, CHINNOR. OX39 4JY

Issued by the Permit Coordinator

on behalf of the Committee of Management of RAYNET-UK

permits@raynet-uk.net