

## Operating GB0IARU Special Event Callsign: FAQs

### Who can operate?

All Full Licence holders who are Members of the RSGB are eligible to apply to operate the special call (see RSGB website for details). Intermediate and Foundation Licensees can also operate under the supervision of a Full Licence holder.

### How do I apply?

**1. To operate or to supervise others, you must be a member of the RSGB Contest Club.**

This is necessary to comply with the terms of the NoV issued by Ofcom. If you wish to join the Contest Club in advance then please send an email with your callsign, RSGB Membership number and your RSGB region number to [ContestClub@rsgbcc.org](mailto:ContestClub@rsgbcc.org).

**2. Choose when and where you would like to operate.**

The special callsign has its own entry on QRZ.com, which includes an Operating Schedule calendar. The callsign may be used (activated) by any Contest Club member.

We will maintain a list of activators and will give you access to the Schedule which is on a Google Spreadsheet, so that you can fill in the slots that you are going to activate.

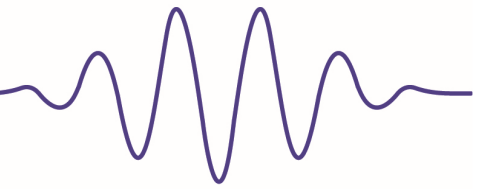
**What if we want to use one of the callsigns with a group or a local radio club?** In this case we need one RSGB member with a Full Licence who will supervise the operation of the station. We encourage participation by Foundation and Intermediate Licensees and this is an appropriate way to allow this.

### When can I operate?

Providing your callsign in the Schedule, you can operate using GB0IARU.

Please don't operate if you are not in the table.

**Which bands and modes can I use?** You may operate on any (or all!) of the amateur bands, using any mode permitted by your licence. CW, SSB and FT8 will be the most popular modes. For FT8 we suggest that operation is within the normal allocation of frequencies on each band, as previous experience has shown that the level of traffic can be accommodated in the available bandwidth; operating elsewhere would exclude any spontaneous QSOs.



### **How do I operate with a special callsign?**

The mode of operation is to call CQ looking for replies – this is the same for all modes and all bands.

**How to I identify the station?** Wherever you operate, whether it is from the address on your licence, an Alternative Address, Temporary Location, Mobile location or a Maritime Mobile location, please use GB0IARU callsign without any additional suffix; so no /P, /A, /M or /MM. This is so that the same callsign is used in only one format for the whole event.

### **What do I say?**

- For initial calls, or if activity dries up a bit then use “CQ” on CW or “CQ IARU Centenary” on Phone; if activity is busy then it is enough to simply give the callsign.
- Unless you have very few callers, you should restrict each QSOs to exchanging signal reports; these should be “CALL 5NN” in CW or “CALL 59” in SSB. Remember, other stations are waiting to get into your log. Whilst this may not be a “true” report, it is almost impossible to judge an accurate signal strength of one signal in a pile up. In an HF pile-up, the stations calling you are \*only\* interested in knowing that you have received and logged their callsign correctly. Any other information, from them or from you, is slowing everything down.
- At the end of a QSO send “TU GB0IARU” on CW or “thanks GB0IARU” on Phone.
- Use “QRZ” only if you need a caller to repeat their callsign. In most cases, the more succinct you can be, the more opportunity there is for those waiting, to get their callsign in your log.
- On FT8, use the standard exchanges.

**Do I need to operate for the whole period?** No: just operate for as long as you are comfortable. The only constraints are that you do not begin before the allotted start time, and that you finish before the next person takes over the callsign. However, the intention is to air the callsign for as long as possible throughout the period of the licence, so please try and use as much of your allotted time as possible.

**Supposing my plans change?** No problem: just delete your callsign from the schedule before your session is due to start.

### **What software should I use for logging?**

In preparation for your activation, make sure that you have suitable computer logging software installed. Contest logging packages such as N1MM+ (free download), SD (free download), or Wintest have a “DXpedition mode” which not only allows QSOs to be recorded but will easily generate the required ADIF file at the end.

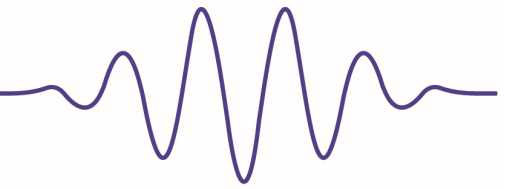
HRD will work but you will have to change the default settings for ADIF output as they do not include BAND. Apple users can use SkookumLogger.

### **What about FT8 Operating?**

We will be using the standard default frequency allocations in WSJT-X on each band. Set the callsign to the GB0IARU call and your location using File/Settings. Select AutoSeq and Start with TX6 calling CQ. Remain calling CQ and responding to callers. You may wish to consider using WSJT-Z with Auto CQ for this event.

### **What about FT8 Logging?**

WSJT-X saves your log as an ADIF file as you are operating, unlike normal logging programmes, so you will have to do some housekeeping.



An ADIF file is written to as you make QSOs; this is called **wsjtx\_log.adi**.

Before you start using GB0IARU you need to get rid of your existing **wsjtx\_log.adi** file; for this we suggest that you rename it. You can access the file to change the name from inside the WSJT-X programme using **File>Open log directory**.

You could rename **wsjtx\_log.adi** to **wsjtx\_log\_yourcallsign.adi**, for instance, by right-mouse clicking on the file name and selecting rename from the list.

Now, when you start operating with the callsign, WSJT-X will create a new **wsjtx\_log.adi** file and will write all your completed QSOs into it.

When you have finished the GB0IARU operating session, please rename the **wsjtx\_log.adi** file which has only your GB0IARU QSOs, using the naming convention described below, and then move it to the **Desktop**. It will be easy to find it there to attach it to an email. The WSJT-X programme will be ready to start a new empty ADIF file the next time it is used.

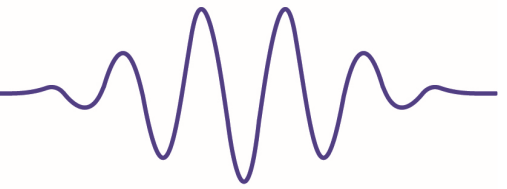
### **What about logging for SSB and CW?**

It is essential that you log all the QSOs you make using logging software, on a PC or Mac. This logging software must be capable of generating an ADIF logfile at the end of each logging session. Set the callsign in your software to be GB0IARU. Logging must be in UTC not BST (the schedule spreadsheet is in BST – clock time). All QSOs will also be uploaded to LoTW at the end of the event.

Please send your log, in .ADIF format to [ContestClub@rsgbcc.org](mailto:ContestClub@rsgbcc.org) as soon as possible after your slot has finished. If you are operating on more than one occasion, please submit your log after each activation. If you experience any problem with compiling your log in the correct format, please ask.

### **What should I do with the ADIF file?**

Ideally, please save the ADIF file with a file name in the format **GB0IARU@MYCALL.ADI** this is because we need to segregate the QSOs made in different UK & Crown Dependency entities – so we need to be able to see if you were in England, Scotland, Wales, Northern Ireland, Guernsey, Jersey or the Isle of Man.



Whatever logging software you use, your ADIF file output must include the following minimum fields. Please check that these are all selected.

- CALL
- QSO\_DATE
- TIME\_ON (QSO start time in UTC)
- BAND
- MODE
- RST\_RCVD
- RST\_SENT

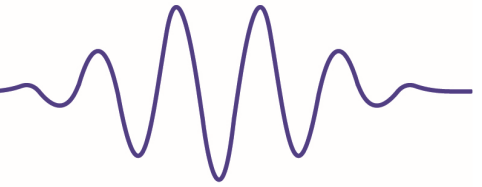
Next please email the ADIF file, with minimum delay, as an email attachment.

**Will I have to send QSL cards?** No. Paper QSLs will be available for this event but organised by Charles M0OXO, who has kindly agreed to manage this on behalf of the RSGB. At the end of April we will upload all the complete logs to LoTW.

**I have a modest station – will this be good enough?** Experience of activating similar stations during the other events showed that those operating the most basic of stations (100w to a dipole or similar antenna) enjoyed operating, and their signals attracted many callers. The only drawback maybe that your choice of band will be limited. If you have access to a club or colleague's station, this may increase your options during your activation.

**I've not operated a callsign that is likely to attract a lot of callers before. How should I approach it?** One of the objectives of the event is to give people like you the experience of being at the "business end" of a pile-up so you will not be alone! If this is your first time, keep it simple is probably the best advice i.e.

- limit your operating to a mode or modes that you feel comfortable with and on band(s) with which you are familiar.
- try and find a frequency that is clear of nearby QRM before starting to call CQ.
- once you have established yourself on a frequency, stay put unless you have to move (due to QRM or QRN).
- only operate at a pace with which you feel comfortable. Make sure that you have logged the caller's details before moving onto the next and don't be afraid to ask for a repeat of callsigns if you are not sure of what you have copied.
- The only information that you need to exchange is a signal report and conventionally this is 59 (599). This will allow you to work through the list of callers as efficiently as possible. Obviously, if the queue of callers dries up, QSOs can be more leisurely. If you find that you are not attracting many callers, occasional self-spotting on a DX cluster like [DXwatch.com](http://DXwatch.com) will help callers to find you.
- If, during your session, you are called by someone who is already in your log, making this a duplicate QSO (dupe), please work them and log the QSO again. It could be that they felt that they did not complete the previous QSO with you.
- If there are a high number of callers making it difficult for you to copy individual call signs, it can be more effective to operate split-frequency – typically listening 1 kHz or more up on CW and 5 kHz or more up on SSB. The main advantage of split-frequency operation is that your callers can hear your replies as your signal is not buried under all the stations who are calling you.
- Don't worry about it if you struggle! Try and keep calm and keep control of the pile up. If all else fails, say "QRX" and take a break before resuming.



**Where can I get more help?** When you sign up to use the special callsign you will be sent an invitation to join an email discussion group. The group exists to exchange advice and experiences between those who are activating the callsign. You are not obliged to join the group but this is an excellent place to find help and share advice.