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## **Formula 1 British Grand Prix 2022**

Silverstone Circuit  
1<sup>st</sup>-3rd July 2022

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## Introduction

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We have provided over 20 years of frequency management and onsite support for the F1 British Grand Prix event and will continue to do so for 2022.

Your Frequency coordinator from Ofcom PMSE this year is Jaydev Patel who will be handling all the requests and performing the planning process. As in previous years the Grand Prix always presents us all with a large frequency requirement in a densely congested RF area. However, both careful planning and onsite support together with users operating within their licensing conditions will help towards achieving an interference free event.

Our Team will be at Silverstone based adjacent to the TV Compound during the event. Though at a reduced capacity this year.

Our office contact details are:

+44 (0) 207 981 3803 or email: [pmse@ofcom.org.uk](mailto:pmse@ofcom.org.uk)

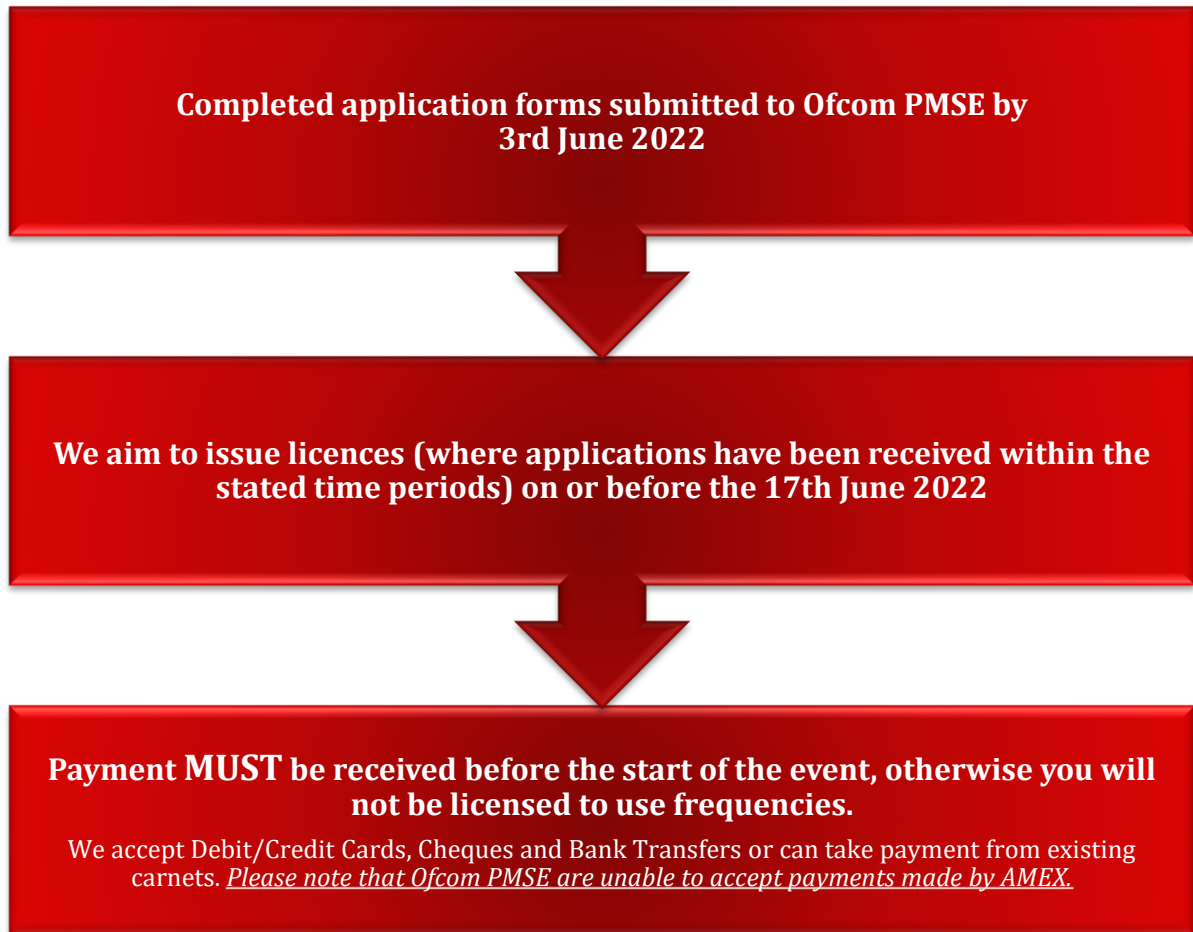
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# 1. Application Process



PMSE spectrum is expected to be in high demand for the British Grand Prix so applicants are asked to submit their requests at the earliest possible opportunity from now. It is advisable to submit frequency applications to us by the **3<sup>rd</sup> June 2022**, as applications submitted later than this date may not be accommodated as required.

As the F1 British Grand Prix is designated a Major Event, applications for frequencies will not be subject to Ofcom PMSE's usual three working day turnaround rule. All frequency applications will be collated and worked on at the same time in order to achieve the best frequency plan.

Application requests can be submitted via email (along with a completed application form please) to [pmse@ofcom.org.uk](mailto:pmse@ofcom.org.uk).

Application forms are downloadable from our website at:

<https://www.ofcom.org.uk/manage-your-licence/radiocommunication-licences/pmse/apply-for-a-pmse-licence>

Once there please expand the 'Download PMSE application forms' section and using either 'UHF Talkback licence Application' for radio talkback or 'Multipurpose Coordination Licence Application' for radio mic's, IEMs and cameras.

On receipt of a frequency application stakeholders will be notified, via email, that their application has been received. Once applications have been reviewed, customers will be contacted if there are any immediate questions regarding their requirements, or if any relevant information has been omitted.

Key information to include is as follows:

- Technical details surrounding the equipment - How it is setup and being used
- The number of channels required
- The tuning range/capability of the kit
- Dates, times and exact location required on site
- Details of the team/organisation you are representing

## 2. Coordination and Licensing

### 2.1 General Information

Frequency Planning will fall in to two main areas:

**Teams & Events** – Includes main teams for the Grand Prix where use will be out on track, in the pit and main paddock areas. Radio use will also be required, and present, for GP2 & GP3 in their respective paddock & track locations. Other use will be standard communications for general event and hospitality applications.

**TV Coverage & Broadcasting** - The main areas for radio use will be the host's Broadcast Village, the Television/Broadcast Compound and the paddock.

Both Teams and Broadcasters will have radio equipment that will have a demand on most used areas of the RF spectrum. The frequency ranges that will have peak demand on are shown below:

**150 MHz to 170 MHz** – This range is typically assigned for narrow band team communications.

**450 MHz to 470 MHz** - This range is typically assigned for narrow band broadcaster applications with some team communications

**470 MHz to 703 MHz** – Depending on equipment capability, the band can be deployed to accommodate, broadcaster communications & programme feeds, Data, wireless microphones and personal monitors. Please be aware that this range is shared with DTV for the area and certain channels will have to be avoided to protect both domestic reception & PMSE use.

**L Band - 1 GHz to 2 GHz** – This band is utilized for telemetry applications. This band does have certain constraints and will require special clearance from other long-term spectrum users.

**S Band - 2 GHz to 4 GHz** – Broadcast applications such as wireless cameras, return vision and air to ground aerial video. Highest demand is 2GHz to 2.5GHz & 3GHz to 3.6GHz. **Please note - Certain ranges will not be available for licensing due to spectrum changes that have taken place.**

When applying for frequencies we strongly advise customers to apply for ranges that Ofcom PMSE have control of, and manage, on a day to day basis – Please see:

<https://www.ofcom.org.uk/manage-your-licence/radiocommunication-licences/pmse/pmse-technical-info>

Scroll down to the ‘Related Content’ section towards the bottom of the page for full details of what this includes.

We will try our best to accommodate all frequency requests within the available spectrum to us but if we do have insufficient spectrum to satisfy demand, we will seek special authorisation to use spectrum, owned by another user, here at Ofcom. Please be mindful of this and allow us the extra time required to accommodate.

## 2.2 Payment and licence documents

It is imperative that we receive payment before your licence is scheduled to start so we can issue your licence documents with the required frequencies. To help with this we accept Debit/Credit Cards, and Bank Transfers or can take payment from existing carnets. When paying by Debit/Credit card you will receive a secure payment link to your email address. Your licensing documentation will be dispatched upon receipt of payment.

*Please note that Ofcom PMSE are unable to accept payments made by American Express (AMEX).*

## 3. Event Time

Operation of frequencies during the event may be subject to strict licensing times. These times must be adhered to. It is your responsibility to ensure that these rules are followed. If there are concerns about licensing times, please contact the Event Coordinator.

During the Event, Ofcom will be on site at the Formula 1 British Grand Prix where spectrum teams will support licensees in rectifying any issues and carrying out any enforcement where necessary. As mentioned before Ofcom will be based in, and working from, the “Frequency Cabin” located adjacent to the Broadcast Compound. Times of operation will be from Wednesday until Sunday.

If, when on site, interference is experienced on your frequencies please contact the Event Coordinator, Office or the Out of Hours PMSE Spectrum Coordinator right away.

We will investigate why you may be subjected to this interference and offer you suitable alternatives within the constraints of your equipment should this be appropriate. Contact details can be found in Section 4 of this document.



## 4. Useful Contacts

### Event Coordinator Details

Email: [Jaydev.Patel@ofcom.org.uk](mailto:Jaydev.Patel@ofcom.org.uk)

Direct Dial: +44 (0) 207 981 3770

Mobile/Cell: +44 (0) 797 347 0520

### Office Details

Our office hours are 09:00 – 17:00 Monday to Friday

Telephone: +44 (0) 207 981 3803

E-mail: [pmse@ofcom.org.uk](mailto:pmse@ofcom.org.uk)

For help outside of these hours, please contact the Out of Hours PMSE Spectrum Planner (Please note there is a £55 premium charge per licence schedule for our out of hours service)

Mobile/cell number: +44 (0) 7866 423 619