



Spectrum Newsletter - 01/2014

FAQs - Frequently Asked Questions

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Spectrum Management - FA - Telecom

Do you plan on using wireless radio frequency devices during the Rio 2016 Games?

The Games will demand a heavy use of the spectrum at the venues and in Rio de Janeiro as a whole. Planning and managing the use of this spectrum is essential in order to enable users a high-quality interference-free radio communication.

It is important to highlight that the licensing and tagging procedure is different for members of the Olympic and Paralympic family. In this case, when bidding to host the 2016 Olympics, Brazil gave certain guarantees that are applicable to these families. Other cases will receive the usual treatment.

What is necessary?

Every radio device must be declared and approved for use at the Games venues, through a process defined to request frequencies and validate access by tagging the devices. This can only be done in coordination with the Rio 2016 Committee's telecommunications functional area. This procedure applies to radio equipment such as:

- Walkie-talkies
- Talkback
- Wi-Fi access points/hubs
- Wireless cameras and microphones
- In-ear monitors (IFB)
- Fixed or mobile microwave links
- Satellite up-links (SNG)
- Others

This procedure does not apply to mobile phones, smartphones, laptops, Bluetooth, radio key chains and wireless telephones.

If you, or your suppliers and partners, identify the need for wireless communications during the Games, you should request an authorisation for temporary use of the spectrum, as soon as made available from Rio 2016 procedures.

Basic instructions are available in the Radiofrequency Spectrum Management Plan for the Rio 2016 Games and more details will be available in future newsletters. Queries may also be emailed to spectrum@rio2016.com.

How important is this procedure?

If you do not have authorisation and a validation tag on your equipment, you will not be able to access the Games venues with it.

Keep an eye out for news about spectrum for the Rio 2016 Games and be aware of the spectrum request periods, and apply as soon as possible.

How about unlicensed radio devices and existing licences?

Even if you already have a licence or use radio devices classified as licence exempt, you still must request an authorisation for temporary usage at the Games venues.

Radio devices not coordinated by the Rio 2016's telecommunications functional area will not be allowed to access and operate at Games venues.

Do these rules also apply to test-events?

No. Requests must follow business as usual procedures in Brazil and as of the present date, temporary spectrum use for test events is not free. For other doubts regarding spectrum for test-events, please email spectrum@rio2016.com.

How should I request the spectrum?

Step 1: The request process will be, in principle, entirely managed through the Spectrum Request portal. When available, access the spectrum request portal at <https://ratecard.rio2016.com>.

Contact Rio 2016 if you need to access the Rate Card. After connecting to the app, create a new request in the "Spectrum Requests" menu. Specify the details of your equipment, as well as when and where it will be used. The inputting of requests is scheduled to start on 1 March 2015. For bulky submissions, it will be available an excel spreadsheet, developed specifically for that purpose. The procedure will be detailed through a newsletter.

Step 2: Wait for approval. Those responsible for spectrum management at Rio 2016 will review frequency requests. It may be necessary to contact them to answer any queries about your request.

Rio 2016 will send analysed requests to ANATEL (Agência Nacional de Telecomunicações), the Telecommunications Services Regulatory Body in Brazil, which will be responsible for assigning frequencies for use during the Games.

What is the deadline for requesting spectrum?

We strongly recommend making all requests no later than 31 July 2015. Late submissions will be allowed after this date, but in this case there are no guarantees that your request will be analysed and the frequency allocated.

When will I be informed about the issuance of authorizations?

For the regular spectrum requesting time, as of 31 December 2015. For late submissions, as of 2 months after January 2016. Authorisation will be available at the Spectrum Order Portal and you will receive an email with the radio frequency allocated to you. You should then program this frequency in your equipment before arriving at the Games venues. In your licence, you will be informed from which Spectrum Desk to obtain the access validation tag.

What is the cost?

There are no associated costs for members of the Olympic and Paralympic family for spectrum use at Games time (between one month before the start of the Olympic Games and one week after the end of the Paralympic Games).

For test events, usage is not free.

Wi-Fi requests

If you intend to bring Wi-Fi router equipment to the Games venues, you must also request approval and frequency coordination, using the same rate card spectrum request portal, creating a request for new spectrum and selecting “private Wi-Fi” as the type of equipment.

Testing and tagging

Two steps must be taken to use wireless radio equipment at Rio 2016 venues at Games time:

- Obtaining an authorisation.
- Having your equipment tested and tagged by ANATEL before using it at Rio 2016 Games venues. Depending on volumes to test and tag, this may be done in advance by contacting ANATEL to schedule an appointment. A contact address will be provided shortly.

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Rio 2016 Organising Committee for the
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