ITU Seminar on Radiocommunication Matters for Europe

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www.itu.int/go/ITU-R/SRME-19

Co-Organizers:

BR IFIC (BR International Frequency Information Circular) Terrestrial Services

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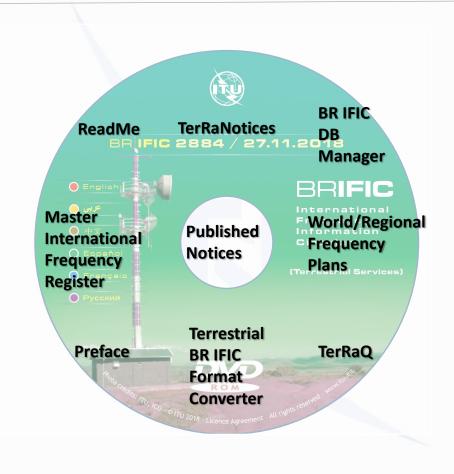**24-27 June, 2019**

Introduction

- ➢ The purpose of the BR International Frequency information Circular (BR IFIC):
  - to provide information on the frequency assignments/allotments submitted by administrations to the BR for updating the Master International Frequency Register and Plans;
  - Contain software for preparing notices and consulting the information published.

- ➢ The BR IFIC is published once every two weeks by the BR, pursuant to Article 20 of the Radio Regulations;

- ➢ One copy of the BR IFIC is distributed free of charge to every administration;

- ➢ The BR IFIC is issued in Arabic, Chinese, English, French, Russian and Spanish.

BR IFIC contents

Parts I, II, III and IIB

➢ Notices received for recording in the Master Register (under Article 11 of the Radio Regulations) are published in the following parts of the Circular:

- **Part I**: Notices received for new frequency assignments, or modifications to or cancellations of recorded assignments. It serves as the acknowledgement of receipt of notices received by the Bureau.

- **Part II**: Frequency assignments that will be recorded in the Master Register.

- **Part III**: Notices that will be returned to administrations for reasons of unfavourable findings given by the Bureau.

- **Part IIB**: Frequency assignments recorded in the MIFR for which the findings have been reviewed by the BR in accordance with Nos. 11.50 and/or 14.1 of the Radio Regulations.

Special Sections

➢ Requests for modification of the various plans relating to terrestrial services and the GE06L list are published in the corresponding Special Sections of BR IFIC:

- **Part A**: Information on the proposed modifications and potential affected administrations;

- **Part B**: Information on modifications in respect of which agreement has been reached and if so requested (once the time limit for comments has passed, assignments are published in Part B and recorded in the Plan if no objection and if so requested);

- **Part C**: Information on cancelled frequency assignments/allotments.

➢ Requests for coordination under No. 9.21 of the Radio Regulations are also published in Special Sections:

- *The exception is the procedure under No. 9.21, where there are Parts A and B for space services and Parts C and D for terrestrial services.*

International Frequency List

➢ In addition to frequency assignments recorded in the Master International Frequency Register (MIFR);

➢ Regional Plans:
- Broadcasting VHF/UHF (BC/BT): ST61, GE84, GE89, GE06;
- Broadcasting LF/MF (BC): GE75, RJ81, RJ88;
- Maritime/aeronautical: GE85M, GE85N.

➢ Frequencies prescribed by the Radio Regulations for common use by certain services;

➢ Allotments in the Plans included in Appendices 25, 26 and 27 to the Radio Regulations.

Software

➢ **TerRaQ: Software for querying the BR IFIC database:**

- Parts I, II, III or IIB and the Special Sections (Parts A, B and C);

- Frequency assignments/allotments recorded in the Master Register and in the various plans, as well as notices currently being processed;

- Specific queries (National extract, SQL Query, etc.).

➢ **TerRaNotices**

- Creation and validation of electronic notices;

- Complete validation is performed by the BR.

➢ **BR IFIC DB Manager**

- It is now possible to have different releases of the BR IFIC databases installed on one PC and choose the desired one

➢ **Terrestrial BR IFIC Format Converter**

- Create a bridge MS Access® database to connect to the SQLite database

- Convert BR IFIC database file from MS Access® to SQLite

- Convert BR IFIC database file from SQLite to MS Access® (works only for the BR IFIC editions before 2808 dated 24/11/2015 because of the size of the FXM part of the BR IFIC which is bigger than the limitation of the MS Access®)

Fragments of the database - Broadcasting

- ➢ **RR 11 (NTFD_RR)**: Assignments recorded in the MIFR and notices submitted under Article 11 of the Radio Regulations;
- ➢ **ST61**: Former Analogue Plan for the European Broadcasting Area (the ST61 Agreement continues to regulate the use of bands 47 - 68 MHz, 87.5 - 100 MHz and 162 - 170 MHz);
- ➢ **GE84**: Plan for the use of the band 87.5 - 108 MHz for FM sound broadcasting (Region 1 and part of Region 3);
- ➢ **GE75**: Plan for LF/MF broadcasting (Regions 1 and 3);
- ➢ **RJ81**: Plan for MF broadcasting (Region 2).
- ➢ **GE89**: Former Analogue Plan for the VHF/UHF television service in the African Broadcasting Area and neighbouring countries (the GE89 Agreement continues to regulate the use of bands 47 - 68 MHz, 230 - 238 MHz and 246 - 254 MHz);
- ➢ **GE06A**: Analogue Plan adopted by RRC-06;
- ➢ **GE06D**: Digital Plan adopted by RRC-06.

Fragments of the database - Fixed and Mobile

- **RR 11 (NTFD_RR)**: Assignments recorded in the MIFR and notices submitted under Article 11 of the Radio Regulations;
- **RR 9 (Req_agrt)**: Notices submitted under RR 9.21 for terrestrial services;
- Com Freq: Frequencies for which common use is prescribed in accordance with RR 11.13;
- **AP25**: Frequency allotment Plan for coast radiotelephone stations operating in the exclusive maritime mobile bands between 4 000 kHz and 27 500 kHz;
- **AP26**: Frequency allotment Plan for the aeronautical mobile (OR) service in the bands allocated exclusively to that service between 3 025 kHz and 18 030 kHz;
- **AP27**: Frequency allotment Plan for the aeronautical mobile (R) service;
- **GE85M**: Frequency Plan regulated by the regional agreement for the MF maritime mobile and aeronautical radionavigation services (Region 1), Geneva, 1985;
- **GE85N**: Frequency Plan regulated by the regional agreement for the planning of the maritime radionavigation service (radiobeacons) in the European Maritime Area, Geneva, 1985;
- **GE06L**: List of assignments to primary terrestrial services other than the broadcasting service, established by RRC-06.

Preface to the BR IFIC

➤ **Contains an explanation of the abbreviations, symbols and coded remarks used in the BR IFIC.**

➤ **Tables of symbols used for various data and their description**

- Administrations;

- Geographical areas;

- Address codes and Operating agencies;

- Class of Station;

- Nature of service;

- Type of power for each class of emission;

- Polarization;

- Finding information;

- Etc.

➤ **All the information published in the Preface is updated solely by the BR except Address Codes and Operating Agencies.**

➤ **Published in the BR IFIC and on the ITU website at the following URL: http://www.itu.int/en/ITU-R/terrestrial/brific/BRIFIC/Preface/PREFACE_EN.pdf.**

General information (ReadMe)

➢ Statistics on the notices published in Parts I, II and III of the BR IFIC (Article 11 procedure).

➢ Statistics on the notices published in Special Sections (Plan modification procedures or Article 9 procedure).

➢ Actions taken by the Bureau, such as reviews of findings.

➢ Information on the updates of the BR software, BR database and in general, on the notification, registration or publication processes.
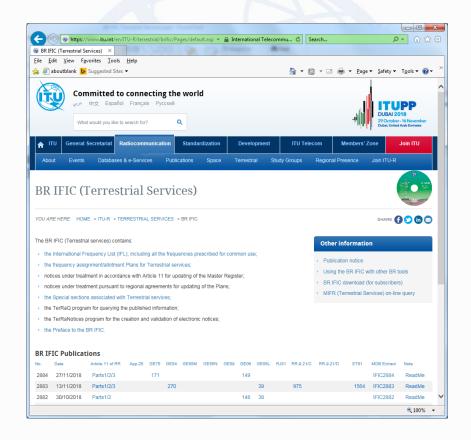
Look and navigation menu

BR IFIC ON WEB

The contents of each BR IFIC publication are also accessible on-line through: http://www.itu.int/en/ITU-R/terrestrial/brific/Pages/default.aspx

Conclusions

➢ The BR IFIC is a reference publication for Frequency Managers;

➢ Assignments recorded in the MIFR with a favourable finding have the right to international recognition (RR8.3). It is essential to consult the BR IFIC regularly;

➢ Master Register and the Plans are kept up-to-date based on the information submitted by administrations;

➢ Acknowledgement of receipt for the notifying administration;

➢ Coordination with administrations of neighbouring countries;

➢ One copy of the BR IFIC is distributed free of charge to every administration;

➢ List (in PDF format) and an extract (in MDB format) of assignments included in the last publication on the ITU website at the following address: http://www.itu.int/en/ITU-R/terrestrial/brific/Pages/default.aspx

Thank you

ITU – Radiocommunication Bureau

Questions to brmail@itu.int or brtpr@itu.int