

ITU REGIONAL RADIOCOMMUNICATION
SEMINAR FOR AFRICAN REGION

ITURRS

JOHANNESBURG 2019

13 - 17 May
Johannesburg, South Africa

www.itu.int/go/ITU-R/seminars



Co-Organizers:



Notification of frequency assignments

Ben Ba
Head of TPR
BR/TSD

RRS-19-Africa,
Johannesburg, May 2019



Overview

- **Radio Regulations**
 - **What to notify?**
 - **What information?**
 - **How to notify?**
 - **BR Software**
 - TerRaNotices
 - WISFAT
 - Online Validation
 - **BR Processing**
 - **Final remarks**
-

Radio Regulations



- International framework for the coordination, notification and recording of frequency assignments
- **International recognition**
- **Safeguard the rights of administrations**
- **Treaty ratified by governments**
 - ⇒ *to apply the provisions*
 - ⇒ *to include the essential provisions in national legislation*
- **Voluntary or obligatory regulatory procedures**

What to notify?

Nos. 11.2-11.9

Assignments shall be notified if

capable of causing harmful interference

used for international radiocommunication

subject to a world or regional frequency plan

subject to the coordination procedure of Article 9

international recognition is desired

non-conforming recorded for information only



Shall not be notified (Nos. 11.13 - 11.14): assignments to amateur service, to ship stations and to mobile stations of other services and common frequencies

What information?

- **Characteristics of stations in Appendix 4**
- **Appendix 4**
 - Annex 1: Characteristics of stations in the terrestrial services
 - Annex 2: Characteristics of satellite networks, earth stations or radio astronomy stations
- **Preface to the BR International Frequency Information Circular (BR IFIC)**

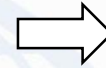
No. 11.15

How to notify?

Individual notices of frequency assignments



1 assignment



1 notice

Assignments to a number of stations may be notified as a typical station



N assignments



1 notice

No. 11.17



Individual notices for broadcasting stations, terrestrial stations within the coordination area of an earth station, etc.

Notice types

LFMF

sound broadcasting in low and medium
frequency bands
T03 and T04

FMTV

sound and television broadcasting in
VHF/UHF frequency bands
T01, T02, G02, GS1, GT1, GS2, GT2, GB1

FXM

fixed, mobile and other terrestrial services
T11, T12, T13, T14, T15, T16, T17
G11, G12, G13, G14

Electronic notice(s) Format

The electronic notice file is a structured text file

```
<HEAD>
t_adm=FIN
</HEAD>
```

```
<NOTICE>
```

```
t <NOTICE>
t t
t t <NOTICE>
t t t_notice_type=T12
t t t_fragment=NTFD_RR
t t t_prov=RR11.2
t t t_action=ADD
t t t_adm_ref_id=MA484252_FB_451925
t t t_freq_assgn=451.925
t t t_d_inuse=2019-04-02
t t t_site_name=INKOO-JODDBÖLE
t t t_ctry=FIN
t t t_long=+0235446
t t t_lat=+600106
t t t_stn_cls=FB
t t t_nat_srv=CV
t t t_emi_cls=F3E
t t t_bdwidth_cde=16k0
t t t_op_hh_fr=00:00
t t t_op_hh_to=24:00
t t t_site_alt=13
t t t_addr_code=A
```

```
<ANTENNA>
```

```
t <ANTENNA>
t t
t t <ANTENNA>
t t t_pwr_xyz=Z
t t t_pwr_ant=7
t t t_pwr_dbw=4.8
t t t_pwr_eiv=E
t t <RX_STATION>
t t t_ant_dir=ND
t t <RX_STATION>
t t t_geo_type=CIRCLE
t t t_long=+0185956
t t t_lat=+465959
t t </RX_STATION>
t t </ANTENNA>
t t </NOTICE>
```

```
<TAIL>
t_num_notices=3
</TAIL>
```

All submission shall be in electronic format only

See Guidelines on <https://www.itu.int/en/ITU-R/terrestrial/tpr/Pages/Notification.aspx>

Creation of electronic notices - TerRaNotices

BR IFIC 2893

BR IFIC Contents

Publication Notice

Guides

Contact us

BR IFIC 2893 - 16/04/2019

Welcome to the BR International Frequency Information Circular (BR IFIC).



English
العربية
中文
Español
Français
Pycckий

BRIFIC
International
Frequency
Information
Circular
(Terrestrial Services)

DVD ROM

Install BR IFIC

Quit

Language

International Telecommunication Union

Terrestrial Services BR IFIC

BR IFIC 2893

Latest Publication

Publication

Latest Publication

MIFR & Plans

Software

TerRaQ

TerRaNotices

Documentation

Information Note

Preface

The Official Publication portion of the BR IFIC (Terrestrial services) contains:

- [Part I, II, III & IIB and Special Sections](#)

Install BR IFIC

Back

International Telecommunication Union

Terrestrial Services BR IFIC

TerRaNotices 1.2 (BR IFIC 2893)

File Tools View Language Options Window Help

Notice browser

Notice type	Description

New notice

Head section
Administration | AFS | Send date | 17 | 4 | 2019 | E-mail address

List of available notices

VHF/UHF broadcasting notices LF/MF broadcasting notices FPM notices

- G11 - Terrestrial transmitting station (TX) in the fixed service
- G12 - Terrestrial transmitting station (TX)
- G13 - Terrestrial receiving land station (RX)
- G14 - Terrestrial typical transmitting station (TP)
- T11 - Terrestrial transmitting station (TX) in the fixed service
- T12 - Terrestrial transmitting station (TX)
- T13 - Terrestrial receiving land station (RX)
- T14 - Terrestrial typical transmitting station (TP)
- T15 - Frequency allotment in the maritime mobile service (AP25)

OK Cancel

Online validation

- **Complete check of all data elements**
 - **Batch mode processing**
 - **Validation report to the user**
 - **Strongly recommended before submitting**
 - **Available for all TIES Services users free of charge at:**
<http://www.itu.int/ITU-R/terrestrial/OnlineValidation/Login.aspx>
-

WISFAT (Submission of electronic notices)

■ Secured web Interface

- WISFAT (Web Interface for Submission of Frequency Assignments for Terrestrial services)
- Immediate acknowledgement report to the notifier

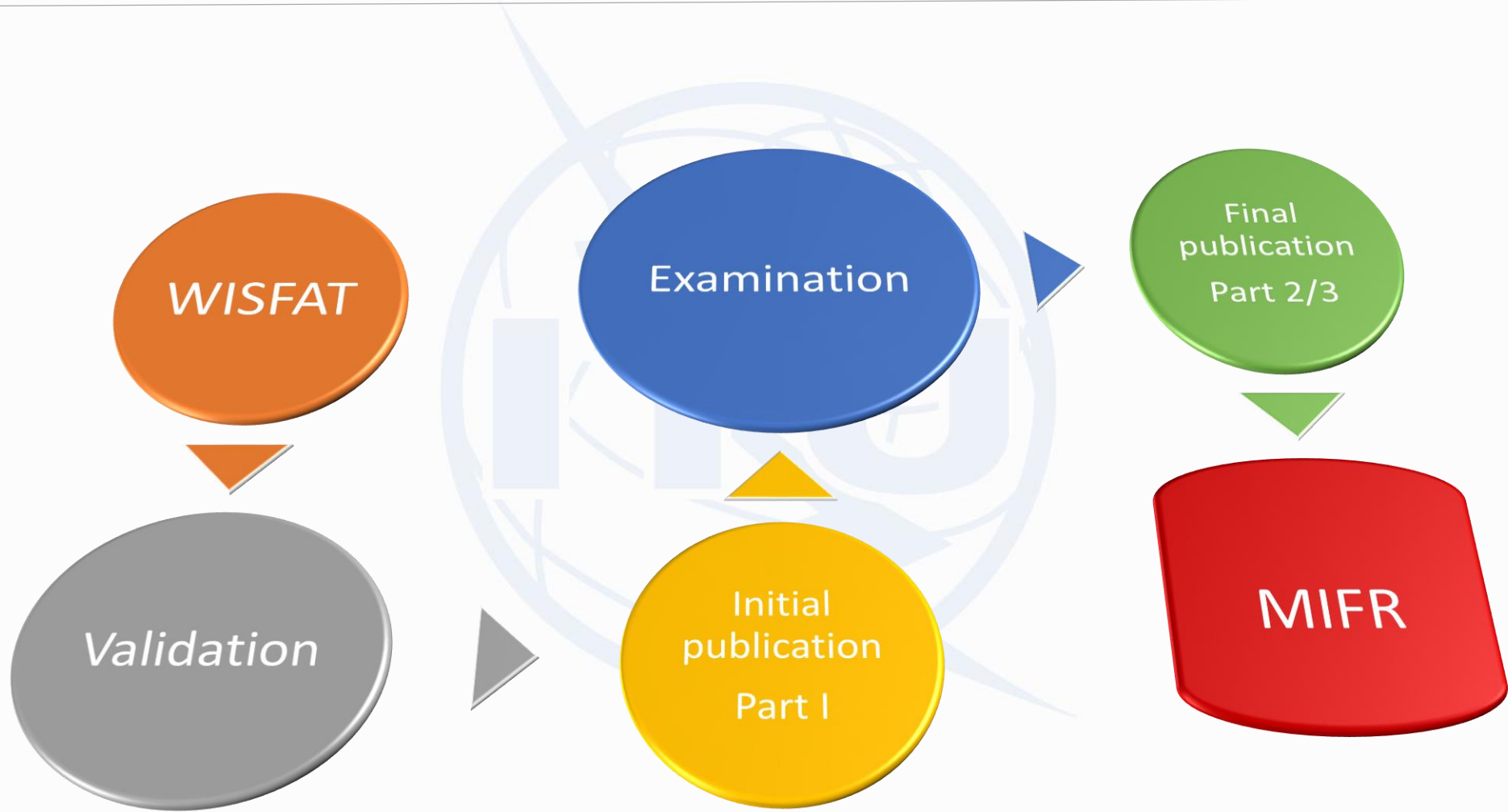
■ Access restricted to registered notifiers

Official request from the Administration:

- Name, position, service e-mail, ITU Username (TIES services)
- As many as needed
- Administration's responsibility to keep list of notifiers up to date
- Access to WISFAT at:

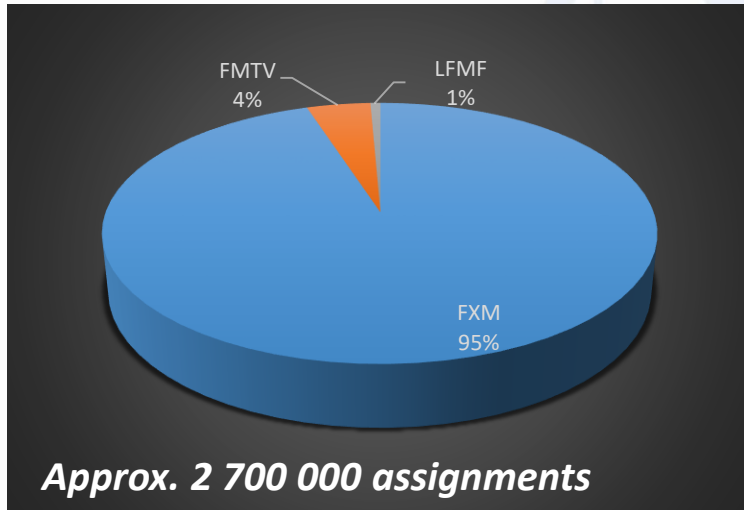
<http://www.itu.int/en/ITU-R/terrestrial/tpr/Pages/Submission.aspx>

BR Processing

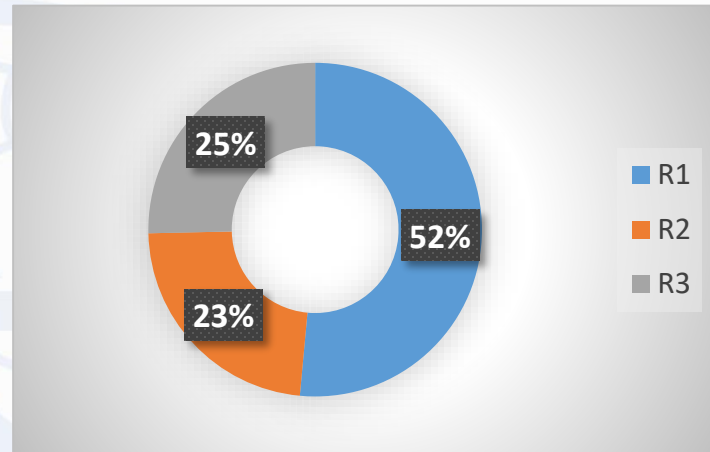


MIFR statistics

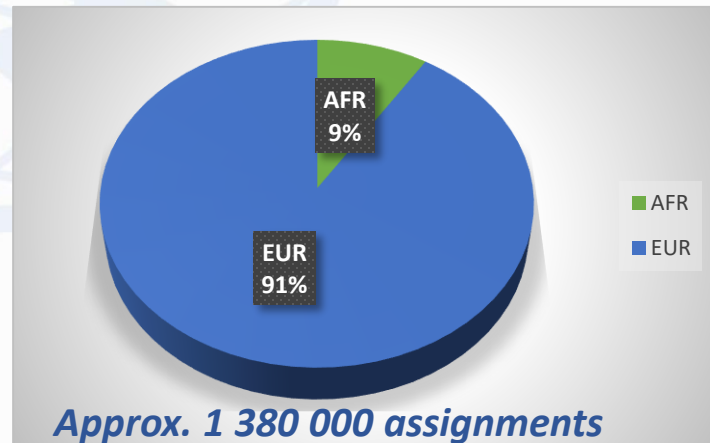
By services



By ITU regions



Region 1



Final remarks

- **Notification has two aspects (rights and obligations)**
 - Obligation to apply the provisions of the RR (treaty)
 - To claim for international recognition and rights
 - **The MIFR is the main instrument for frequency management**
 - **Published every two weeks in BR IFIC**
 - **Should be consulted before assigning frequencies**
 - **Value of the MIFR depends on the data submitted**
 - **Notify to preserve the rights of your Administration!**
-



Thank you

