



Notification of frequency assignments

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BR/TSD

ITU Workshop,
Gaborone, May 2019

Overview



- **Why to notify?**
- **What to notify?**
- **How to notify?**

Radio Regulations



- **International framework**
- **Safeguard the rights**
- **Voluntary or obligatory**

What to notify?



- Capable of causing interference
- International radiocommunication
- Article 9 coordination procedure
- International recognition
- For information only
- Etc.

What information?



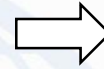
- **Characteristics of stations in Appendix 4 (Annex 1 for Terrestrial services)**
- **Preface to the BR International Frequency Information Circular (BR IFIC)**

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

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

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

```
<ANTENNA>
t_ <ANTENNA>
t_ <ANTENNA>
t_ t_pwr_xyz=Z
t_ t_pwr_ant=7
t_ t_pwr_dbw=4.8
t_ t_pwr_eiv=E
t_ t_ant_dir=ND
t_ <RX_STATION>
t_ t_geo_type=CIRCLE
t_ t_long=+0185956
t_ t_lat=+465959
t_ t_radius=300
t_ </RX_STATION>
t_ </ANTENNA>
t_ </NOTICE>
```

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

- structured text file
- electronic format

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 F3M 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



- **Check of all data elements**
- **Validation report to the user**
- **Recommended before submitting**
- **Available for all TIES Services users free of charge**

<http://www.itu.int/ITU-R/terrestrial/OnlineValidation/Login.aspx>

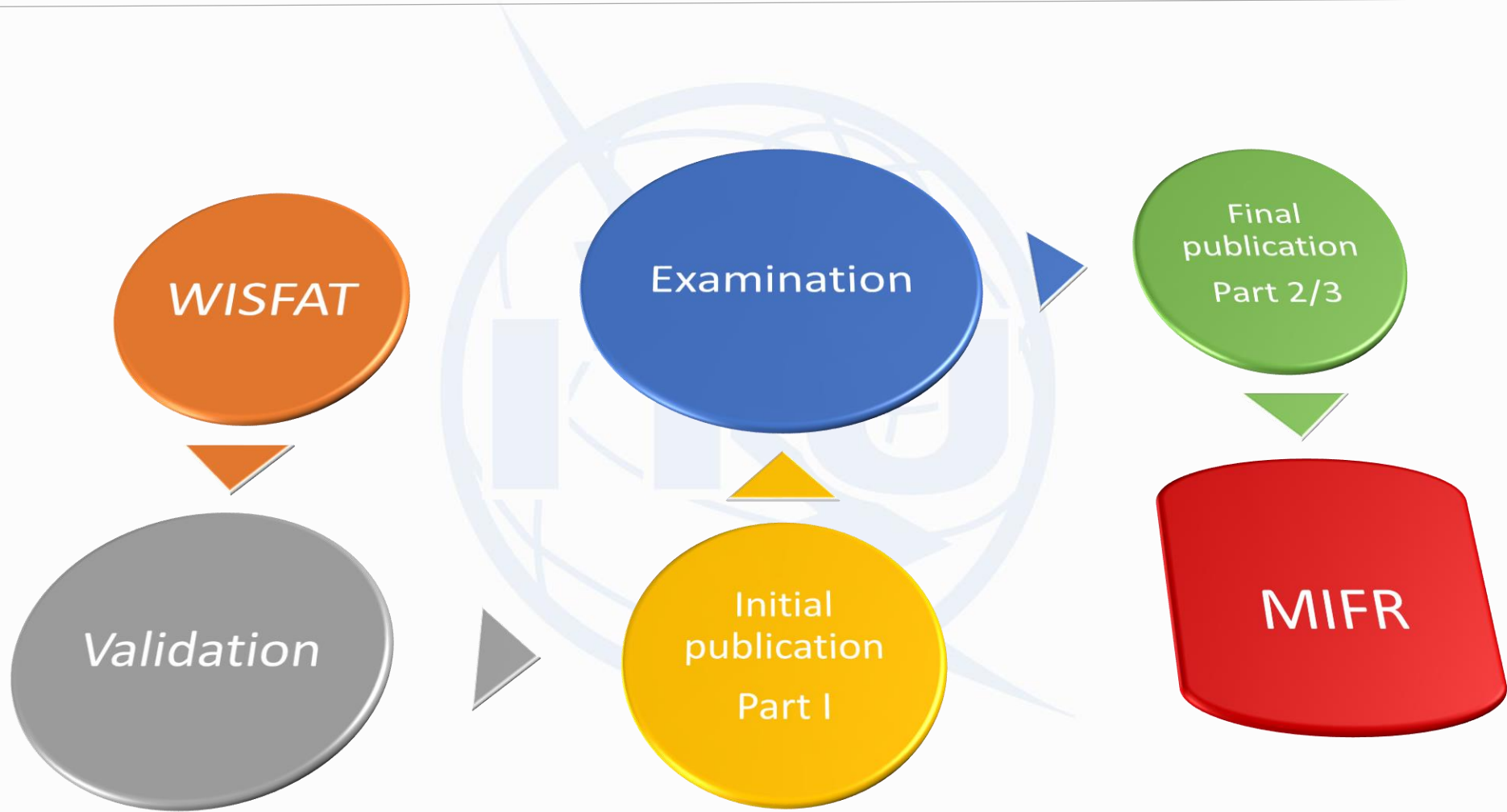
WISFAT



- **Web Interface for Submission of Frequency Assignments for Terrestrial services**
- **Immediate acknowledgement report to the notifier**
- **Access restricted to registered notifiers**

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

BR Processing



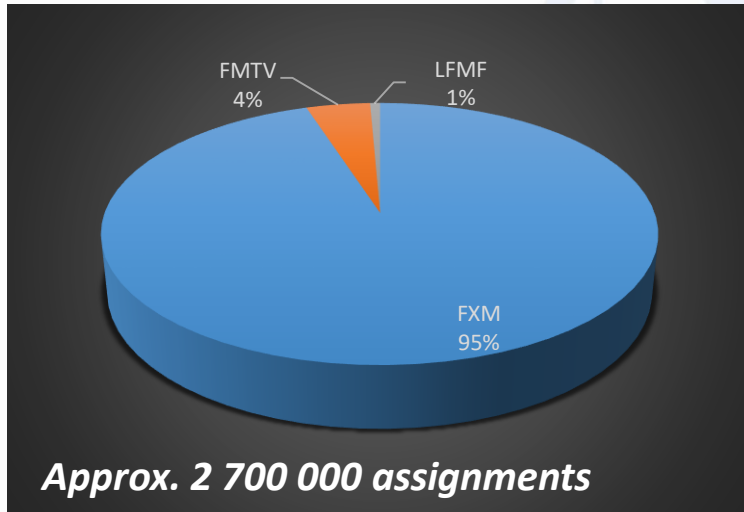
Master International Frequency Register (MIFR)



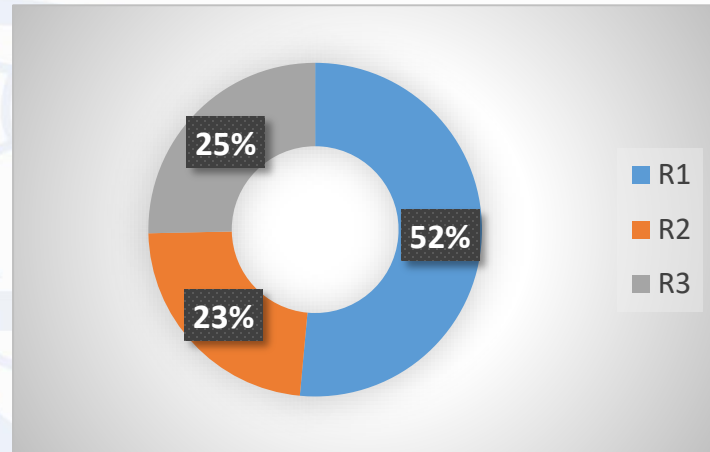
- Database on the actual usage of frequencies all over the world
- 2 700 000 assignments from 9.8 kHz up to 224 GHz
- More than 100 000 assignments processed yearly
- Published every two weeks in BR IFIC

MIFR statistics

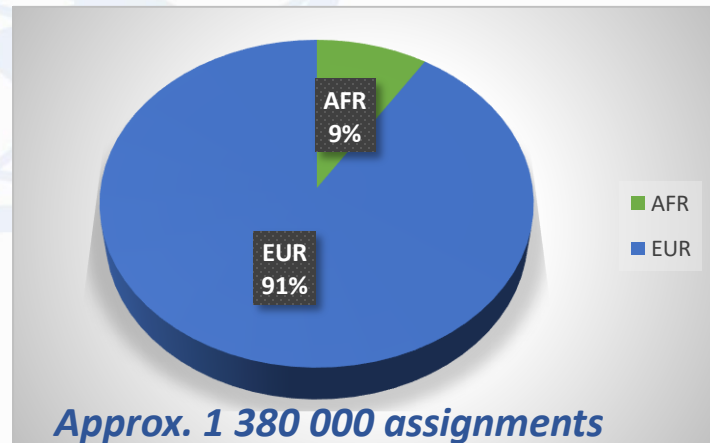
By services



By ITU regions



Region 1



Final remarks



- **Two aspects: rights and obligations**
- **MIFR main instrument**
- **Value depends on the data submitted**
- **Notify to preserve your rights**



Thank you