PRIDA training on Aeronautical Communication Services,
19 - 21 March 2024, Abidjan, Cote d'Ivoire

Notification of aeronautical frequency assignments

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OVERVIEW

- Rights and obligations
- What to notify?
- What information?
- BR Software tools
  - TerRaNotices
  - Online Validation
  - WISFAT
- BR Processing
- Final remarks

RIGHTS AND OBLIGATIONS

- Radio Regulations: International framework for the coordination, notification and recording of frequency assignments
- 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

INTERNATIONAL RECOGNITION

- International rights and obligations is derived from the recording of the assignments in the Master Register (MIFR)

- Any assignment recorded in the MIFR with a favourable finding shall have the right to international recognition

WHAT TO NOTIFY?

Any assignment to a station except for those in Nos. **11.13** and **11.14** shall be notified:

- if capable of causing harmful interference
- if used for international radiocommunication
- if subject to a plan without a notification procedure
- if subject to the coordination procedure of Article **9**
- if desired to obtain international recognition
- if a non-conforming assignment, for information only

WHAT INFORMATION?

Administration shall provide characteristics in Appendix 4:

- Annex 1: stations in the terrestrial services
- Annex 2: satellite networks, earth stations, radio astronomy stations

CLASSES OF STATION

Service	Code	Station	Description/Definition
Generic Mobile	FL	Land station	Station in the mobile service not intended to be used while in motion
	MO	Mobile station	Station in the mobile service intended to be used while in motion or during halts at unspecified points
Generic Aeronautical mobile	FA	Aeronautical station	Land station in the aeronautical mobile service
	MA	Aircraft station	Mobile station in the aeronautical mobile service
Aeronautical mobile Route	FD	Aeronautical station	Land station in the aeronautical mobile (R) service
Aeronautical mobile Off Route	FG	Aeronautical station	Land station in the aeronautical mobile (OR) service
Generic Radionavigation	RN	Radionavigation land station	Land station in the radionavigation service
	NR	Radionavigation mobile station	Mobile station in the radionavigation service
Aeronautical Radionavigation	AL	Aeronautical radionavigation land station	Land station in the aeronautical radionavigation service
	AM	Aeronautical radionavigation mobile station	Mobile station in the aeronautical radionavigation service

NOTICES AND ELECTRONIC FORMAT

Transmitting station	T12 notice
Receiving station	T13 notice

```
<HEAD>
t_adm=CTI
</HEAD>
```

```
<NOTICE>
t_notice_type=T12
t_fragment=NTFD_RR
t_action=ADD
t_adm_ref_id=Daloa 118.7
t_freq_assgn=118.700000
t_long=-0062845
t_lat=+064746
t_site_name=DALOA
t_addr_code=A
t_op_hh_to=18:00
t_prov=RR11.2
t_emi_cls=A3E--
t_d_inuse=1986-02-03
t_op_hh_fr=06:00
t_station_id=DALOA RADIO
t_bdwdth_cde=6K00
t_is_resub=FALSE
t_stn_cls=FD
t_ctry=CTI
t_nat_srv=CO
t_op_agcy=014
```

```
<ANTENNA>
t_pwr_xyz=Y
t_ant_dir=ND
t_pwr_dbw=8.8
t_pwr_eiv=E
t_pwr_ant=8.8
<RX_STATION>
t_long=-0062845
t_lat=+064746
t_geo_type=CIRCLE
t_radius=100
</RX_STATION>
</ANTENNA>
</NOTICE>
```

```
<TAIL>
t_num_notices=1
</TAIL>
```

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

TerRaQ 2019 [BRIFIC 3016 - 05/03/2024] - Recorded assignment - CTI - NTFD_RR - 121103856

Administrative Data

Source notice type	**T12**
Date of notice	
Date notice received	**08/10/2021**
Notifying Administration	**CTI**
Identifier assigned by the BR	**121103856**
Unique identifier given by the Administration	**Daloa 118.7**
Date of entry into the MIFR	**08/10/2021**
Fragment	**NTFD_RR**
Provision	**RR11.2**
Operating agency	**014**
Address code	**A**
Date of bringing into use	**03/02/1986**
Regular hours of operation	**From To**
	06:00 18:00

Emission Characteristics

Assigned frequency	**118.7 MHz**
Reference (carrier) frequency	
Class of emission	**A3E--**
Nature of service	**CO**
Bandwidth	**6 kHz**
Bandwidth code	**6K00**
Frequency deviation	
Energy dispersal	
Channel number	
Preferred band	
Preferred channel	
Alternative channel	
Traffic	

Station and Site Information

Station identification	**DALOA RADIO**
Call signs	
Class of station	**FD**
Station type	**TX**
System type code	
Site name	**DALOA**
Geographic area	**CTI**
Radiocommunication region	**1**
Geographic type	**POINT**
Geographic coordinates	**6°28'45"W - 6°47'46"N**

Finding Information

Finding type	Finding status	Finding	Date of update	Source
REX	**FINAL**	**FAVORABLE**	**22/10/2021**	**ITU**

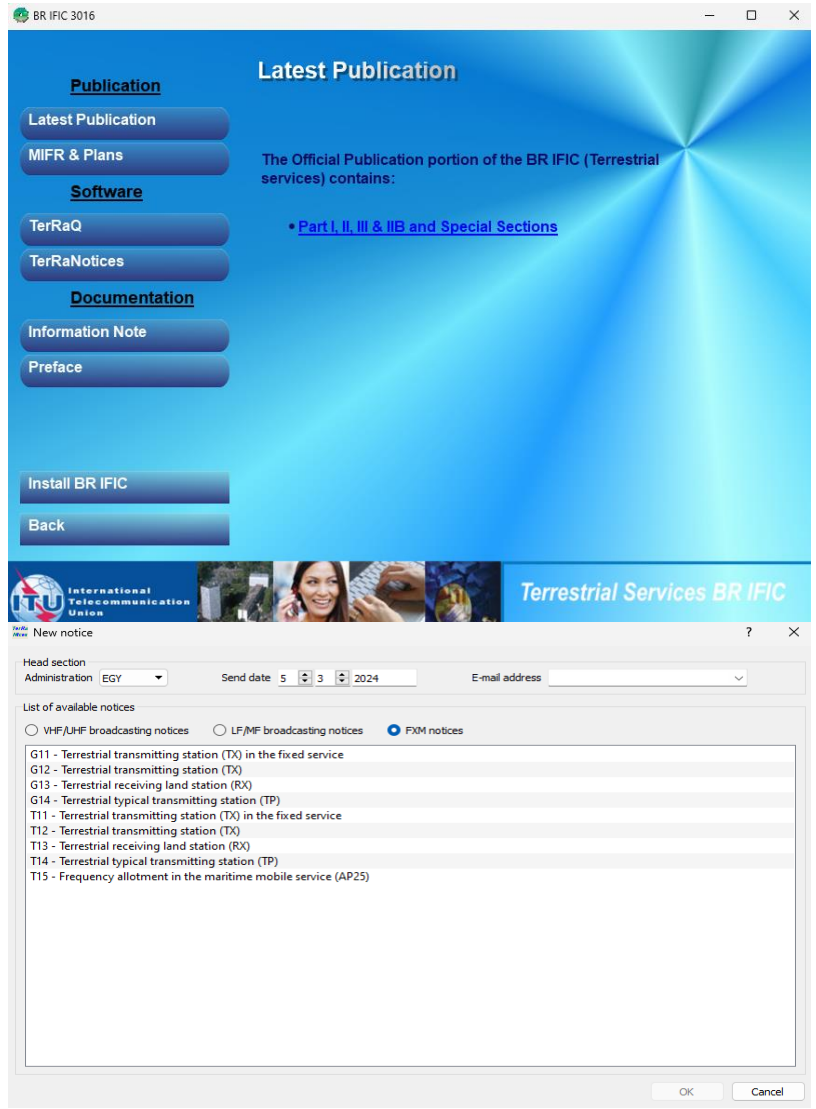
Finding observation	
Finding reference	
Finding action	

Operation 1

General Characteristics

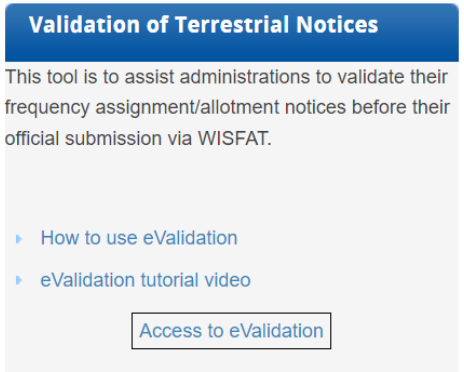
Power to the antenna	**8.80000 dBW**
Type of power	**Y**
Radiated power	**8.80000 dBW E**

CREATION OF ELECTRONIC NOTICES

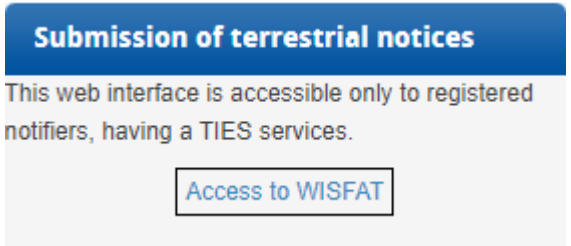


ONLINE VALIDATION

- Complete check of all data elements
- Validation report to the user
- Recommended before notifying
- Available for all TIES Services users at: https://www.itu.int/ITU-R/eTerrestrial/Account/Login



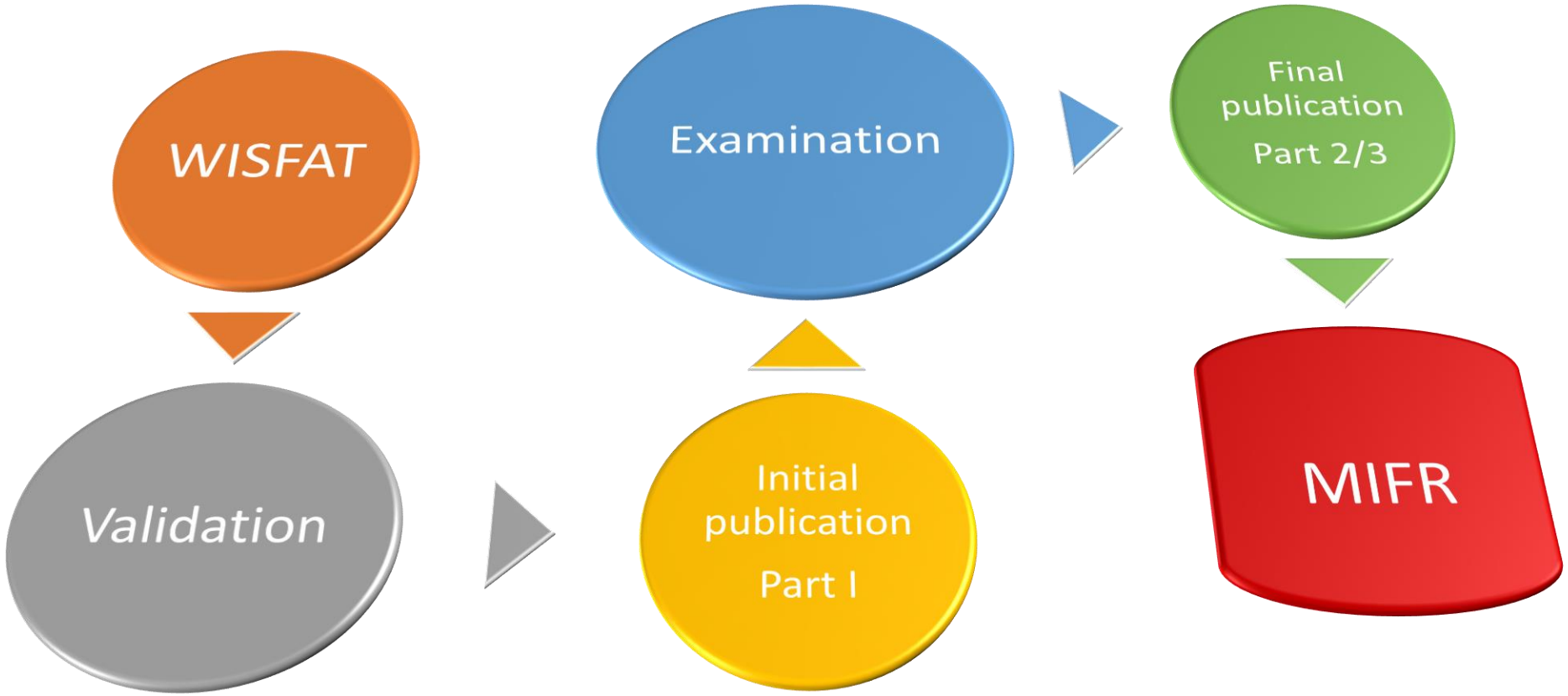
WISFAT



- 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 at: https://www.itu.int/net4/ITU-R/submission/wisfat/index.aspx

BR PROCESSING



FINAL REMARKS

- Notification, two aspects (rights and obligations)
  - Obligation to apply the provisions of the RR (Treaty)
  - To claim for international recognition and rights
- MIFR, main instrument for frequency management
- Value of the MIFR depends on the data submitted
- **Notify to preserve the rights of your Administration!**

Thank you!

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ITU – Radiocommunication Bureau

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