

Notification of frequency assignments for recording in the Master Register and Terrestrial Plan – Region 2

*ITU – Radiocommunication Bureau
Ms. Sujiva Pinnagoda
pinnagoda@itu.int
BR/TSD/TPR*

Overview of the Presentation

- Introduction;
- Notification to the Bureau;
 - What, when and how to notify;
 - Different notice types;
 - Electronic notice format;
 - Submit notices to the Bureau;
- Processing of notices;
- Final Remarks.

Introduction



- Radio Regulations is an intergovernmental treaty, therefore administrations are bound to apply those provisions.
- Frequency assignments recorded in the MIFR with favourable findings allow for international recognition.
- Frequency assignments that **shall be notified** to the Bureau (Nos. 11.3 – 11.8):
 - Those capable of causing harmful interference to any service of another administration;
 - Used for International radiocommunication;
 - Subject to world or regional frequency allotment or assignment plan which does not have its own notification procedure;
 - Subject to the Art. 9 coordination procedure;
 - Request for international recognition;
 - For information only.
- Frequency assignments that **shall not be notified** to the Bureau (Nos. 11.14 – 11.5):
 - Assignments to stations in the amateur service;
 - Assignments to ship stations;
 - Assignments involving specific frequencies which are prescribed by these Regulations for common use by terrestrial stations of a given service.

Notification to the Bureau (1/4)

- What to Notify?
 - For the recording of a frequency assignment in the Master Register:
 - Administrations shall provide the relevant characteristics listed in Appendix 4 to the RR (No. 11.15).
 - For the modification of a given Plan:
 - Add, modify or suppress a planned frequency assignment;
 - Administrations shall provide the relevant characteristics listed in the Annexes of the relevant Agreement.
 - Symbols and codes are defined for some data items, such as:
 - Class of station;
 - Nature of service, etc.;
 - Published in the Preface to the BR IFIC:
 - DVD sent to administrations every 2 weeks
 - BR IFIC web site



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

Notification to the Bureau (2/4)

- When to notify?
 - For the recording in the Master Register (MIFR) for assignments that are not governed by any World or Regional Agreement:
 - Not earlier than three years before the assignment is brought into use, for terrestrial stations involved in coordination with a satellite network and for high altitude platform stations operating as a base station to provide IMT;
 - Not earlier than five years before the assignment is brought into use, for assignments to high altitude platform stations in the fixed service;
 - Not earlier than three months before the assignment is brought into use, for all other terrestrial stations;
 - Provision Nos. 11.24 – 11.26A.

Notification to the Bureau (3/4)

- When to notify? (cont.)
 - For the recording in the Master Register (MIFR) for assignments that fall within planned bands governed by World or Regional Agreements:
 - Only if there is a corresponding plan entry.
 - In case there is no corresponding plan entry:
 1. Submit a Plan modification notice to the BR;
 2. Wait for the Plan to be successfully modified;
 3. Notify the frequency assignment to the BR under Article 11.

Notification to the Bureau (4/4)

- How to notify?
 - A notice for each frequency and for each station.
 - Except, if the same frequency is re-used with the same technical characteristics many times within a given area:
 - A single notice giving the typical characteristics of one station of the network (RR11.17);
 - Does not apply to all services or to all frequency bands (Nos. 11.18 – 11.21B):
 - Station covered by Allotment Plans in Ap. 25, Ap.26 and Ap.27;
 - Broadcasting stations;
 - Terrestrial stations within the coordination area of an earth station, etc.

Notice: Identification of the Notice Type

- Broadcasting service:
 - Frequency band:
 - Sound broadcasting in Low frequency (150 – 285 kHz) and Medium frequency (525 – 1605 kHz) – LFMF;
 - Sound and television broadcasting in VHF and UHF bands – FMTV;
 - Region;
 - Applicable provisions of RR or Regional Agreements – known as fragment;
 - Class of station (BC or BT);
 - Action requested by the notice.
- Fixed, mobile and radiodetermination services:
 - Applicable provisions of RR or Regional Agreements – known as fragment;
 - Type of station:
 - Transmitting station or transmitting mobile station for reception by a land station and class of station

Notice: Identification of the Notice Type for Region 2 - MF

Action Fragment	Add Modify	AdminID	Conform	PartB	Suppress Withdraw
RJ81	T04	TB6		TB8	TB9
Art. 11			TB7		

Notice: Identification of the Notice Type for Region 2 - FMTV

Action		Add/Modify	AdminID	Suppress/Withdraw
Fragment	CS			
Art. 11	BC	T01	TB1	TB5
Art. 11	BT	T02		

Notice: Identification of the Notice Type for Region 2 - FXM

CS and Plan Fragment	Fixed station	Land station	Mobile station	Allotment Ap. 25	Allotment Ap. 26	Allotment Ap. 27	Adaptive Systems
Article 11	T11	T12	T13	T12	T12	T12	T17
Ap. 25				T15			

Notice: Electronic notice(s) Format

```
<HEAD>
t_adm=HNG
</HEAD>
```

```
<NOTICE>
t_notice_type=T12
t_d_adm_ntc=2010-11-26
t_fragment=NTFD_RR
t_freq_assgn=128.1500
t_station_id=AIR AMBULANCE
t_prov=RR11.2
t_adm_ref_id=SF22125
t_ctry=HNG
t_site_name=BUDAORS
t_d_inuse=2010-08-01
t_is_resub=False
t_nat_srv=OT
t_addr_code=A
t_op_agcy=006
t_action=ADD
t_stn_cls=FD
t_emi_cls=A3EJN
t_bdwidth_cde=6K00
t_long=+0185956
t_lat=+465959
t_op_hh_fr=00:00
t_op_hh_to=24:00
```

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

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

Res. 906 (Rev. WRC-12):
All submission of notices for
terrestrial services to the BR shall
be in electronic format only.
2009: No paper notices.

The electronic notice file is a
structured text file.





Guidance for notification

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

The screenshot shows the ITU-R website page for 'Guidance for Notification for terrestrial services'. The page has a blue header with the title and a breadcrumb trail: 'YOU ARE HERE > HOME > ITU-R > TERRESTRIAL SERVICES > TERRESTRIAL PUBLICATION AND REGISTRATION DIVISION (TPR) > GUIDANCE FOR NOTIFICATION FOR TERRESTRIAL SERVICES'. There are social media share buttons for Facebook, Twitter, LinkedIn, and YouTube. The main content area has a blue sidebar with three categories: 'VHF/UHF BROADCASTING', 'LF/MF BROADCASTING', and 'FIXED AND MOBILE'. Each category has a list of services. To the right of the sidebar, there are two tabs: 'RELATED LINKS' and 'CONTACT PERSON'. Under 'RELATED LINKS', there are two links: 'Notification Tutorial' and 'Submission of notices'. The main content area also contains a paragraph explaining the objective of the notification and a paragraph explaining the types of stations and the submission process.

Guidance for Notification for terrestrial services

YOU ARE HERE > HOME > ITU-R > TERRESTRIAL SERVICES > TERRESTRIAL PUBLICATION AND REGISTRATION DIVISION (TPR) > GUIDANCE FOR NOTIFICATION FOR TERRESTRIAL SERVICES

SHARE    

The main objective of the notification is to obtain international recognition by recording frequency assignments in the Master International Frequency Register (MIFR).

Any frequency assignment that may cause or receive interference to or from stations of other administrations shall be notified to the ITU in order to be recorded in the MIFR and obtain international recognition.

For this purpose, a notice must be submitted to the Bureau for each station or group of stations. As there are different types of stations, the Bureau has created different types of notices based on Appendix 4 to the Radio Regulations and the different Regional Agreements. These notices are grouped by service, frequency band and applicable region.

VHF/UHF BROADCASTING

- › VHF/UHF television and VHF sound broadcasting service (except television and sound broadcasting service governed by the GE08 Agreement)
- › Broadcasting service governed by GE08 Regional Agreement

LF/MF BROADCASTING

- › LF and MF sound broadcasting service in Regions 1 and 3 governed by the GE75 Agreement
- › MF sound broadcasting service in Region 2 governed by the RJ81 Agreement

FIXED AND MOBILE

- › Fixed and mobile (except fixed and mobile governed by the GE08 Agreement)
- › Terrestrial services other than broadcasting governed by GE08 Agreement

RELATED LINKS

- › Notification Tutorial
- › Submission of notices

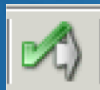
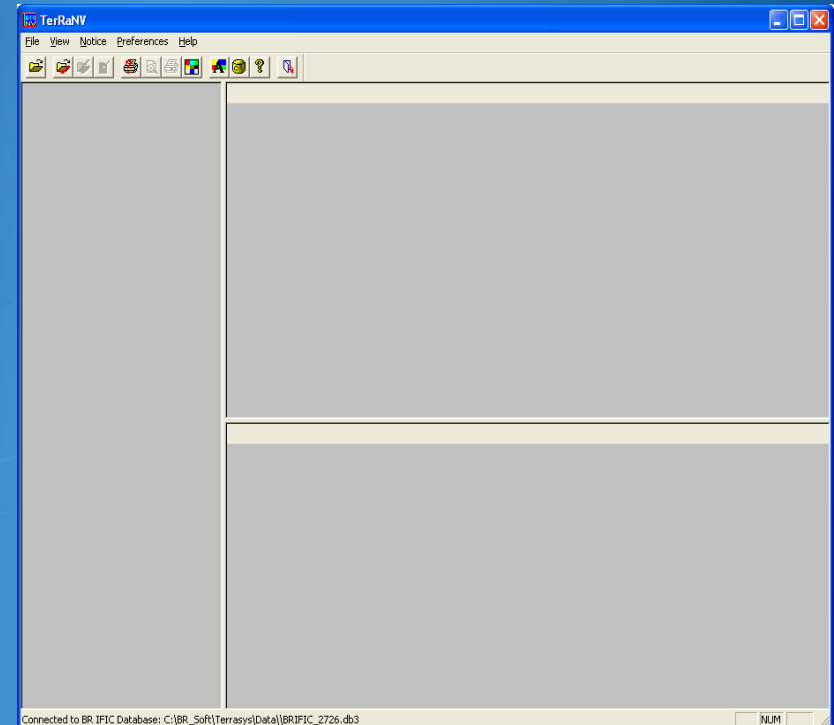
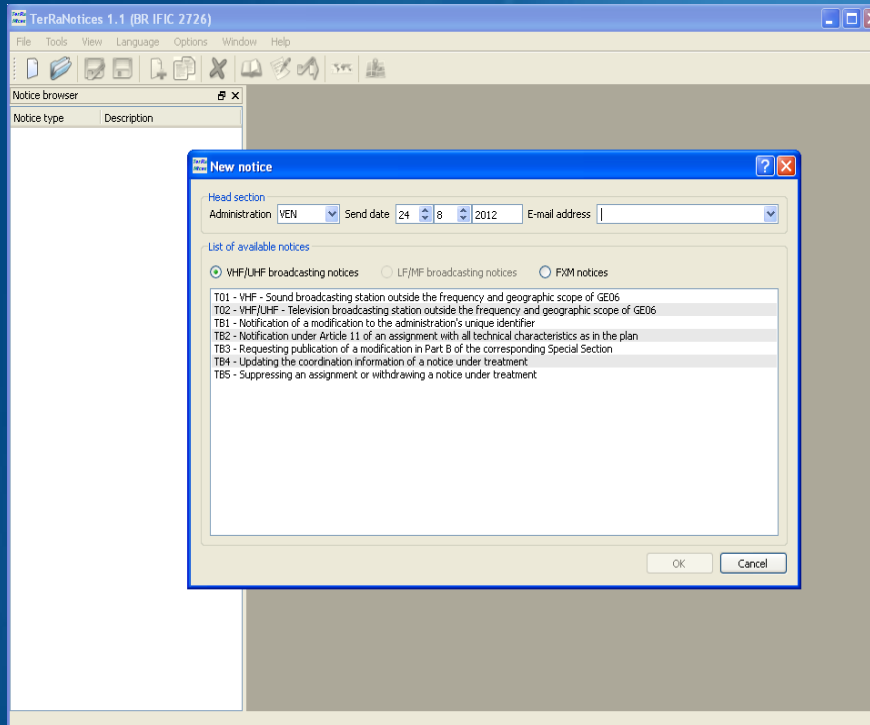
CONTACT PERSON

Additional information and descriptions can be found in the appropriate guidelines on this web page as well as samples of different notice types.

Notice: Creation and Validation

TerRaNotices

TerRaNV



Notice Validation



Notice: Submission to the BR

- How to submit the notices to the Bureau?
 - Secured web Interface:
 - WISFAT (Web Interface for the Submission of Frequency Assignments/Allotments for the Terrestrial Services);
 - Immediate acknowledgement report to the notifier.
 - Access to the WISFAT interface is restricted to registered TIES users selected by the administration as the national notifier(s):
 - Official e-mail request (brmail@itu.int) must be sent to the BR from the administration:
 - Name, position, service e-mail, TIES Username;
 - As many as required;
 - Administration's responsibility to keep this notifiers database up to date;
 - Access to WISFAT:

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

Processing of notices

- Notices are received via WISFAT;
- Notices containing pre-validation errors are returned (TerRaNotices/TerRaNv);
- These notices are then further validated:
 - If they are incomplete or contain errors, they will be either returned to the administration or clarification will be sought;
- Valid and complete notices, submitted for recording in the Master Register:
 - Published in Part 1: only as an acknowledgement receipt;
 - Further examined under Nos. 11.31 – 11.34;
 - Notices that are in conformity with the relevant provisions are published in Part 2;
 - The others in Part 3.
- Valid and complete notices, submitted for the modification of the Plan:
 - For notices, other than requesting a suppression of a plan entry, will be examined to determine the potential affected administrations;
 - Published in Part A: for comments from the concerned administrations;
 - At the end of the comments period, the notifying administration must request the publication in Part B, by submitting the relevant notice type (i.e. TB8);
 - Each regional agreement has its own period for comments and procedures;
 - Notices requesting a suppression of a planned frequency assignment will be published only in Part C.

Final Remarks

- Notification has two aspects:
 - Administration's obligation to apply the provisions of the Radio Regulations as it is an international treaty signed by all ITU Member States;
 - To claim for international recognition and rights.
- One of the main purposes of the Master Register is to reflect the exact use of the radio spectrum in your territory;
- It also reflects the use of various frequency bands, this information is taken into consideration during World Radiocommunication Conferences (WRCs), when services are looking for new allocations;
- It is important to notify and also to consult the BR IFIC to be aware of what is happening with regards to the use of the international radio spectrum.
- Therefore, notification to the Bureau is very important.

*Thank you for
your attention!*

ITU – Radiocommunication Bureau
Questions to brmail@itu.int or brtpr@itu.int