Terrestrial Notification Process

WISFAT

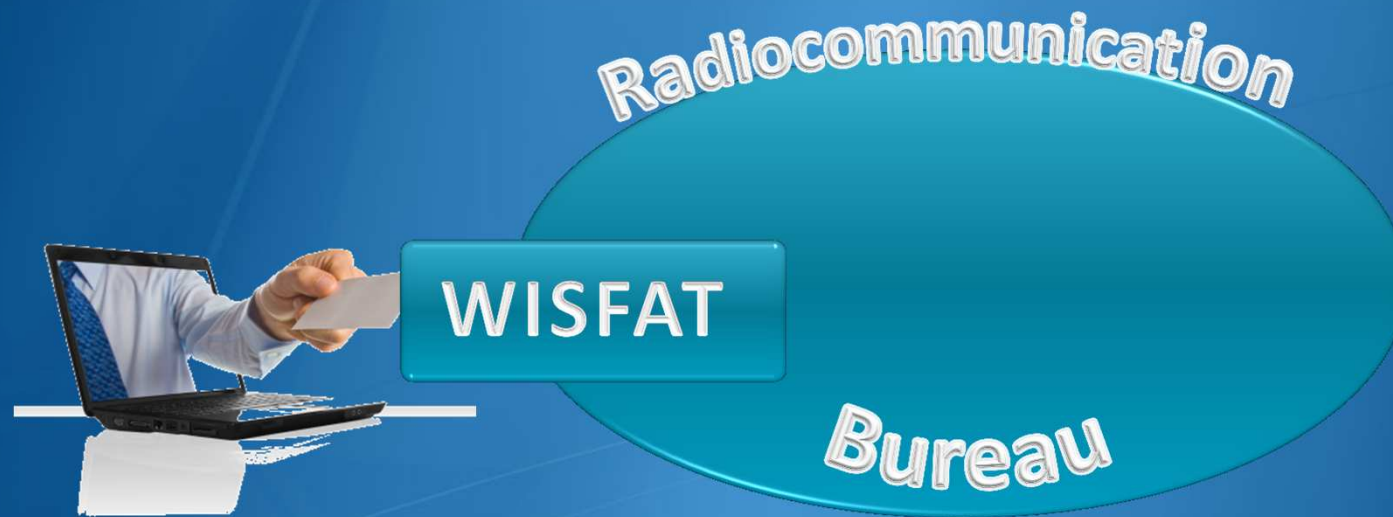Radiocommunication Bureau

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BR/TSD/TPR
World Radiocommunication Seminar, Geneva
6 – 10 December 2010

Presentation

- Why notify to the Radiocommunication Bureau?
- Which frequency assignments are to be notified?
- When to notify to the BR?
- How to notify the BR?
- The outcome of the notification
- Final Remarks

Why notify to the BR?

- ITU members are bound to apply the provisions of the Radio Regulations

- International rights and obligations of administrations shall depend on their recording in the Master Register or their conformity with a Plan (RR8.1)

- Recorded assignments with favorable findings have the right for international recognition (RR8.3)

Which assignments are to be notified?

- All assignments that are (RR11.3 – 11.8)
  - Capable of causing harmful interference
  - Used for International radiocommunication
  - Subject to world or regional Plans
  - Subject to the Article 9 coordination procedure
  - Requesting International recognition
  - For information only (RR8.4)

Cases NOT to be notified

- In the amateur service

- Ship-to-ship communication

- Common frequencies

When to notify to the BR?

- When an assignment that meets the conditions described before is to be put in operation

  - Send a notification to propose :
    - Addition(s) to the Master Register or to Plans
    - Modification(s) to any data item of an existing assignment(s)
    - Suppression of frequency assignment(s) which is/are no longer in use

How to notify to the BR?

- A notice for each frequency and for each station

- Except if the same frequency is re-used many times

  - A single notice giving the typical characteristics of one station of the network (RR11.7)
  - Does not apply to all services or to all frequency bands (RR11.18 – 11.21B)

Identification of the Notice Type

- **Broadcasting services**
    - Frequency band
        - Sound broadcasting in Low frequency (155 – 285 kHz) and Medium frequency (525 – 1705 kHz) – LFMF
        - Sound and television broadcasting in VHF and UHF bands - FMTV
    - Geographical zone or Region
    - Applicable provisions of RR or Regional Agreements : Fragment
    - Class of station
    - Action requested by the notice

- **Fixed and mobile services**
    - Fragment
    - Type or class of station or Plan

BS : Identification of Notice type

- Standard notices : all administrative and technical data items

- Short notices : specific actions
    - Modify the unique identifier of the assignment (TB1, TB6)
    - Notify under Art.11 an assignment with all technical characteristics as in the Plan (TB2, TB7)
    - Request for publication in Part B (TB3, TB8)
    - Update coordination information of a notice under treatment (TB4)
    - Suppress frequency assignment or withdraw a notice under treatment (TB5)

LFMF: Identification of Notice type

Fragment	Region	ACTION	ADD MODIFY	ADMINID	CONFORM	PARTB	SUPPRESS WITHDRAW
GE75	R1, R3		T03	TB6	TB7	TB8	TB9
RJ81	R2		T04	TB6	TB7	TB8	TB9
RJ88	R2		T04	TB6	TB7	TB8	TB9
Art11	R1, R3		T03				TB9
Art11	R2		T04				TB9

FMTV: Identification of Notice type

Fragment	Region	CS	ACTION ADD MODIFY	ADMINID	CONFORM	PARTB	COORD-INATION	SUPPRESS WITHDRAW
GE06A	GE06*	BT	G02		TB2	TB3		TB5
GE06D	GE06*	BC	GS1		TB2	TB3		TB5
GE06D	GE06*	BC	GS2			TB3		TB5
GE06D	GE06*	BT	GT1		TB2	TB3		TB5
GE06D	GE06*	BT	GT2			TB3		TB5
GE84	R1	BC	T01	TB1	TB2	TB3	TB4	TB5
GE89	ABA	BT	T02	TB1	TB2	TB3	TB4	TB5
ST61	EBA	BT	T02	TB1	TB2	TB3	TB4	TB5
Art11	GE06*	BC	GS1					TB5
Art11	GE06*	BT	GT1					TB5
Art11	XAA - GE06*	BC	T01					TB5
Art11	XAA - GE06*	BT	T02					TB5

* the area and frequency bands governed by the GE06 Regional Agreement

FXM: Identification of Notice type

Fragment / Type/Class of station or Plan	FX (TX)	ALL TX except FX	ALL RX	Typical Stations	Allotment AP25	Allotment AP26	Allotment AP27	GE85 Plans	Adaptive Systems
Art11	T11	T12	T13	T14	T12	T12	T12	T12	T17
Art11*	G11	G12	G13	G14					
GE06L	G11	G12	G13	G14					
APP 25					T15				
GE85M Plan								T16	
GE85N Plan								T16	

* the area and frequency bands governed by the GE06 Regional Agreement

Electronic File Format only

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

```
<NOTICE>
t_n   <NOTICE>
t_d   t_ne   <NOTICE>
t_d   t_d   t_notice_type=T12
t_fr   t_fr   t_d_adm_ntc=2010-11-26
t_s   t_fr   t_fragment=NTFD_RR
t_p   t_st   t_freq_assgn=128.1500
t_a   t_pi   t_station_id=AIR AMBULANCE
t_a   t_ad   t_prov=RR11.2
t_s   t_ct   t_adm_ref_id=SF22125
t_c   t_si   t_ctry=HNG
t_i   t_d   t_site_name=BUDAORS
t_i   t_is   t_d_inuse=2010-08-01
t_n   t_na   t_is_resub=False
t_a   t_ad   t_nat_srv=OT
t_a   t_op   t_addr_code=A
t_s   t_ad   t_op_agcy=006
t_c   t_st   t_action=ADD
t_l   t_el   t_stn_cls=FD
t_l   t_bi   t_emi_cls=A3EJN
t_l   t_lo   t_bdwdth_cde=6K00
t_c   t_la   t_long=+0185956
t_c   t_op   t_lat=+465959
      t_op   t_op_hh_fr=00:00
             t_op_hh_to=24:00
```

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t_   t_   <ANTENNA>
t_   t_   t_pwr_xyz=Z
t_   t_   t_pwr_ant=7
t_   t_   t_pwr_dbw=4.8
<    t_   t_pwr_eiv=E
t_   <    t_ant_dir=ND
t_   t_   <RX_STATION>
t_   t_   t_geo_type=CIRCLE
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<    t_   t_lat=+465959
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<    <    </RX_STATION>
<    <    </ANTENNA>
          </NOTICE>
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<TAIL>
t_num_notices=3
</TAIL>
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The electronic notice file is a sequential, record-oriented, which follows the general outline of an SGML (Standard Generalized Mark-up Language) file, with a tagging scheme.

Electronic File Format

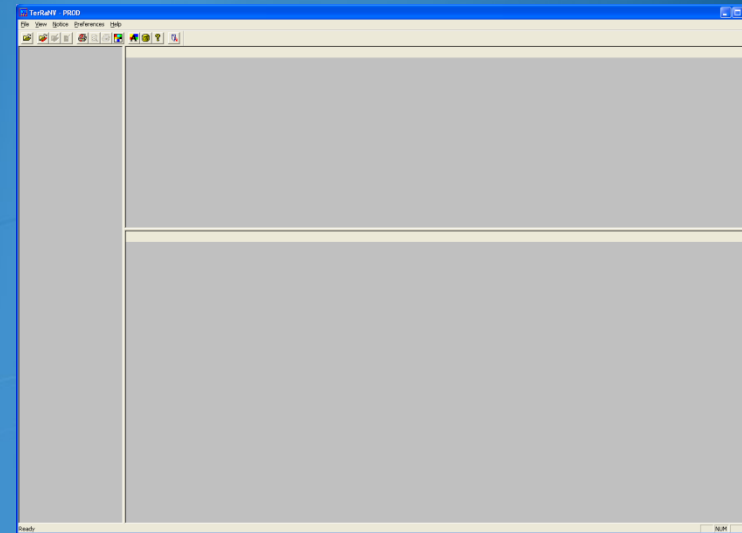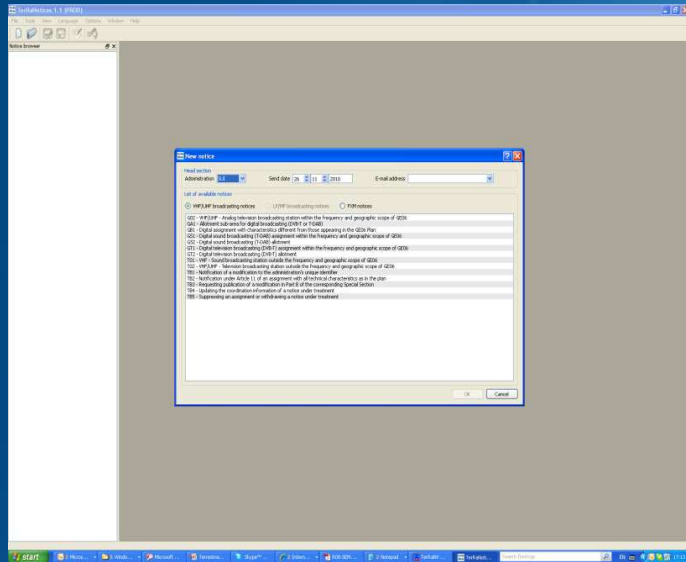## http://www.itu.int/ITU-R/go/terrestrial-notice/en

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

Electronic notice file Creation and Validation

TerRaNotices

TerRaNV

Notice Validation

How to submit to the BR

- WISFAT
  - Secured
    - Only registered notifiers selected by their administration
  - Reliable
    - An acknowledgment Report is sent immediately to the notifier
  - Access to WISFAT
    http://www.itu.int/ITU-R/go/wisfat/en

Outcome of the Notification

WISFAT | Validation | First Publication | Examination | Final Publication

Final Remarks

- Notification has two aspects
  - Administration's obligation
  - Administration's claim for their international rights

- Value of the Master Register depends on the number and the exactitude of the data submitted by each administration

- Very important to consult the BR IFIC

Terrestrial Notification

Workshop

- Fill and validate different notice types
- Submit via WISFAT