

**Regional Workshop and Frequency Coordination
meeting on the Transition to Digital Terrestrial
Television and the Digital Dividend
21-26 May 2012
Bridgetown, Barbados**

Notification Process for Terrestrial Broadcasting Services

Pham Nhu Hai
Radiocommunication Bureau



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Outline

- 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



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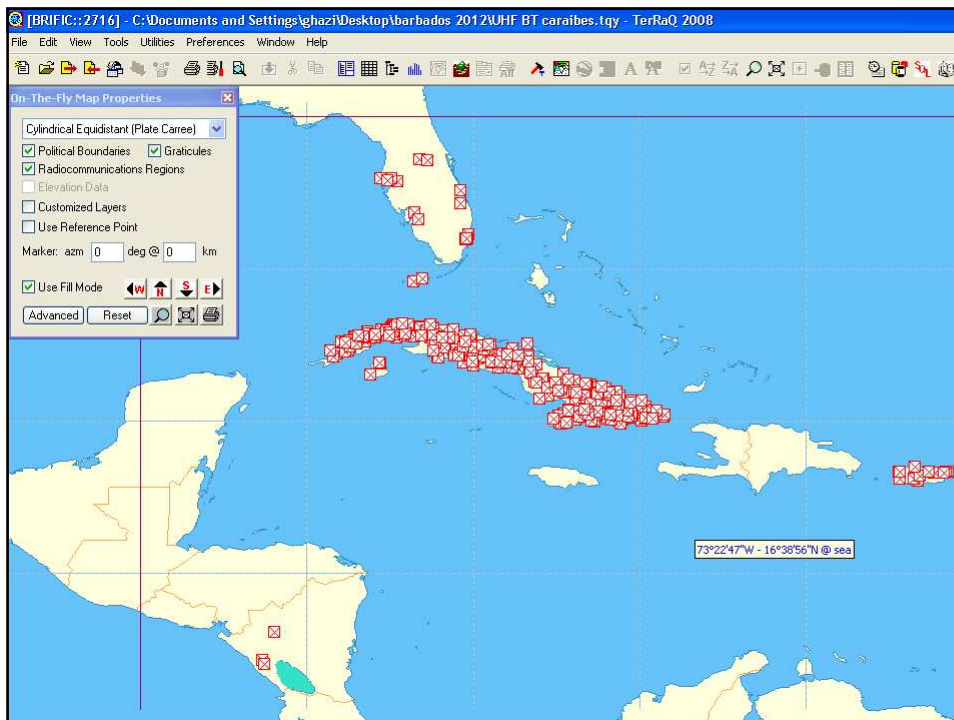
Why notify to the BR?

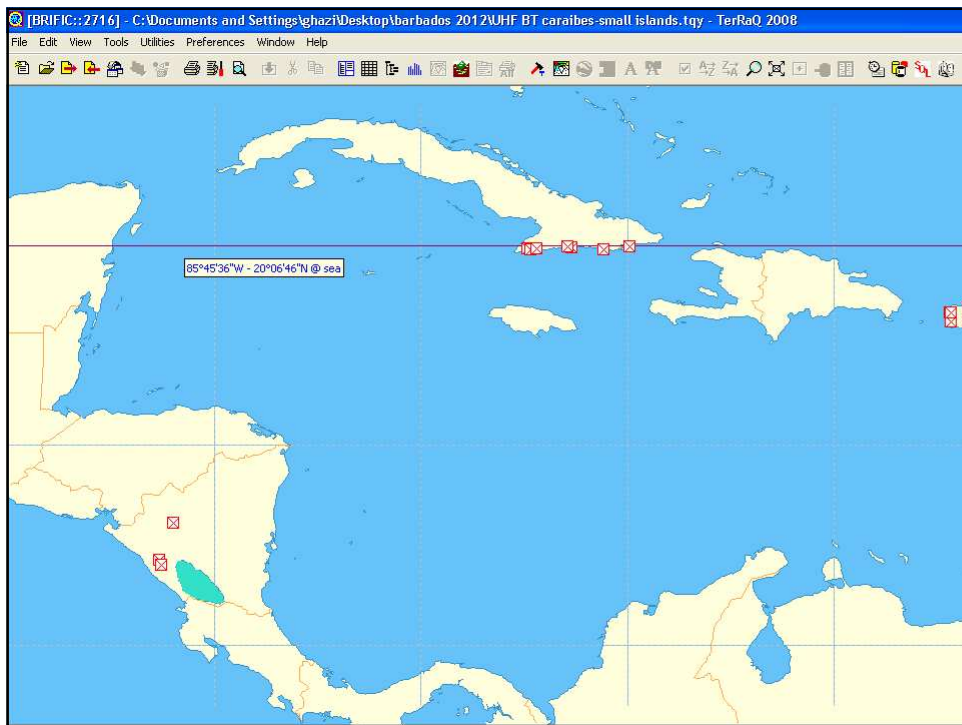
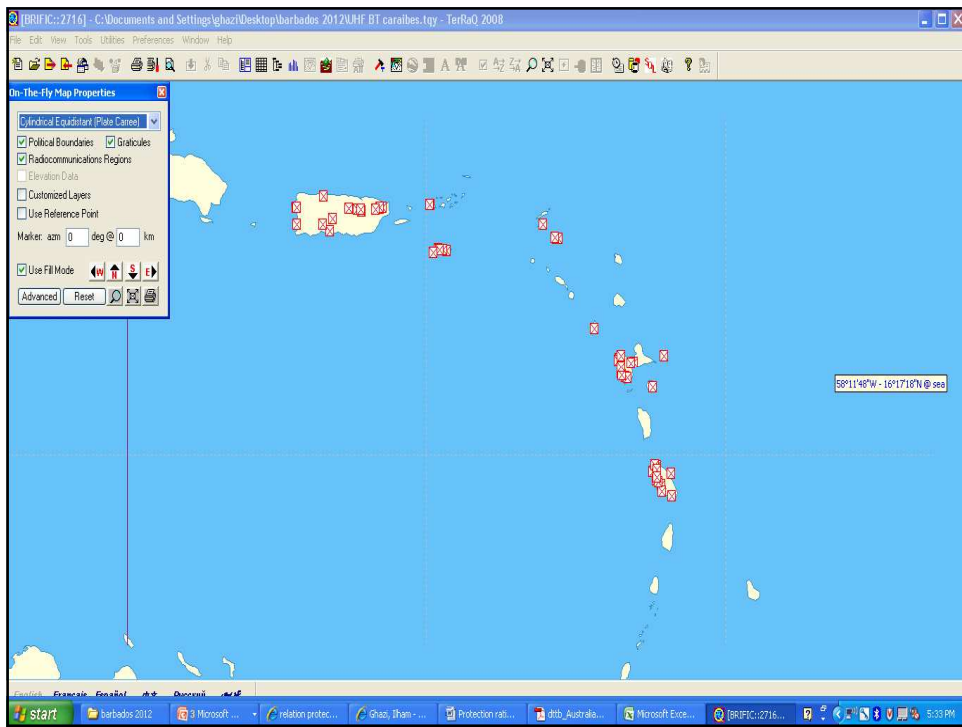
- ITU members are bound to apply the provisions of the Radio Regulations
- International rights and obligations of administrations depend on their recording in the Master Register or from their conformity with a Plan (RR8.1)
- Recorded assignments with favorable findings have the right for international recognition (RR8.3)

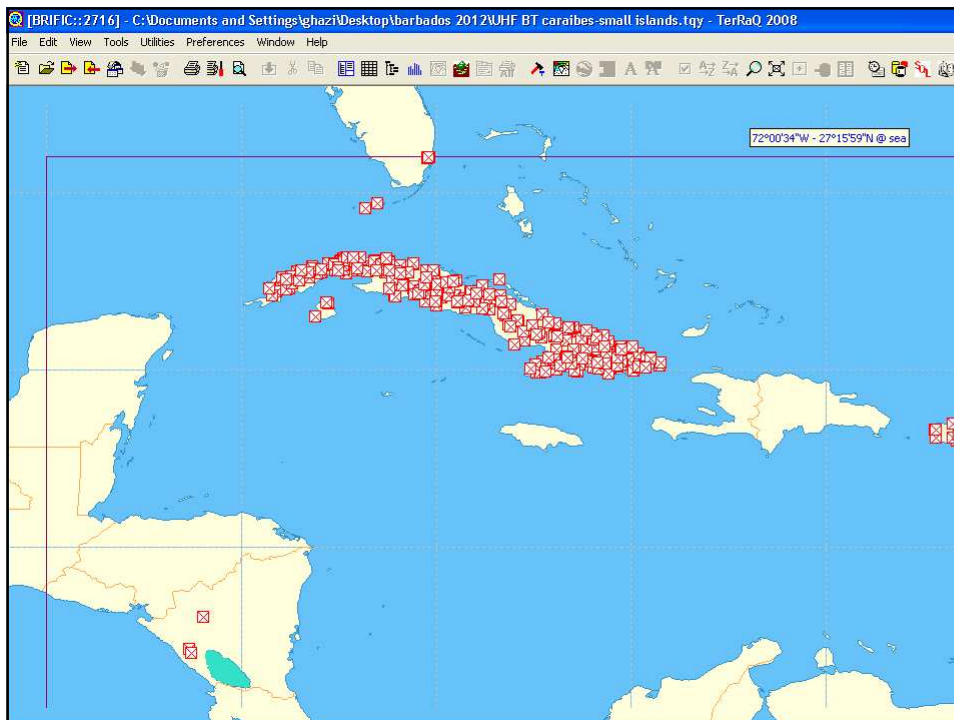


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Which assignments are to be notified?

- 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

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When to notify to the BR?

- Conditions to notify to the BR are met
 - 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

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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)



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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



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BS : Identification of Notice type

- Basic notices : all administrative and technical data items
- Short notices : specific actions
 - Modify the administration's unique identification code (TB1, TB6)
 - Notify under Art.11 an assignment with all technical characteristics as in the Plan (TB2, TB7)
 - Request for publication in Part 2 (TB3, TB8)
 - Update coordination information of a notice under treatment (TB4)
 - Suppress frequency assignment or withdraw a notice under treatment (TB5)



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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



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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

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the area and frequency bands governed by the GE06 Regional Agreement



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FXM: Identification of Notice type

Fragment	Type/Class of station or Plan				Typical Stations	Allotment AP25	Allotment AP26	Allotment AP27	GE85 Plans	Adaptive Systems
	FX (TX)	ALL TX except FX	ALL RX							
Art11	T11	T12	T13	T14	T12	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



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Electronic File Format only

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

```
<NOTICE>
<NOTICE>
t_notice_type=T12
t_d_adm_ntc=2010-11-26
t_f_fragment=NTFD_RR
t_s_freq_assgn=128.1500
t_p_station_id=AIR AMBULANCE
t_a_prov=RR11.2
t_c_adm_ref_id=SF22125
t_s_t_ctry=HNG
t_c_t_site_name=BUDAORS
t_i_d_inuse=2010-08-01
t_r_is_resub=False
t_a_nat_srv=OT
t_c_addr_code=A
t_a_op_agcy=006
t_s_action=ADD
t_e_stn_cls=FD
t_t_emi_cls=A3EJN
t_l_bdwidth_cde=6K00
t_l_long=+0185956
t_c_lat=+465959
t_c_op_hh_fr=00:00
t_c_op_hh_to=24:00
```

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<ANTENNA>
<ANTENNA>
<ANTENNA>
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t_pwr_eiv=E
t_ant_dir=ND
<RX_STATION>
t_geo_type=CIRCLE
t_long=+0185956
t_lat=+465959
t_radius=300
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</NOTICE>

<TAIL>
t_num_notices=3
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The electronic notice form is a sequential, record-oriented file, which follows the general outline of an SGML (Standard Generalized Mark-up Language) file, with a tagging scheme.

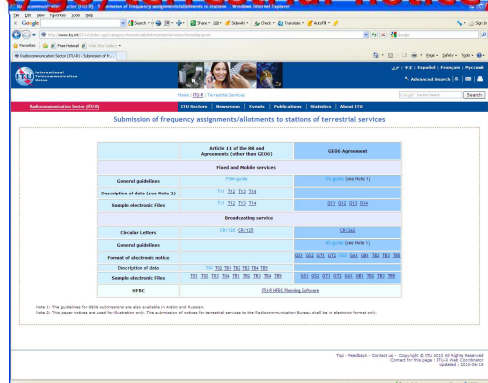


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Electronic File Format

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



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

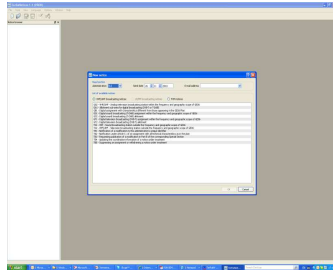


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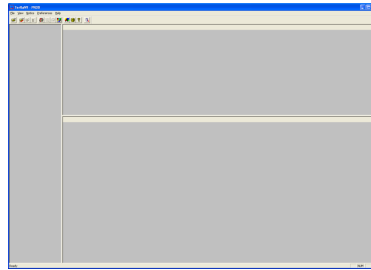
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Electronic notice file Creation and Validation

TerRaNotices



TerRaNV



Notice
Validation



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How to submit to the BR

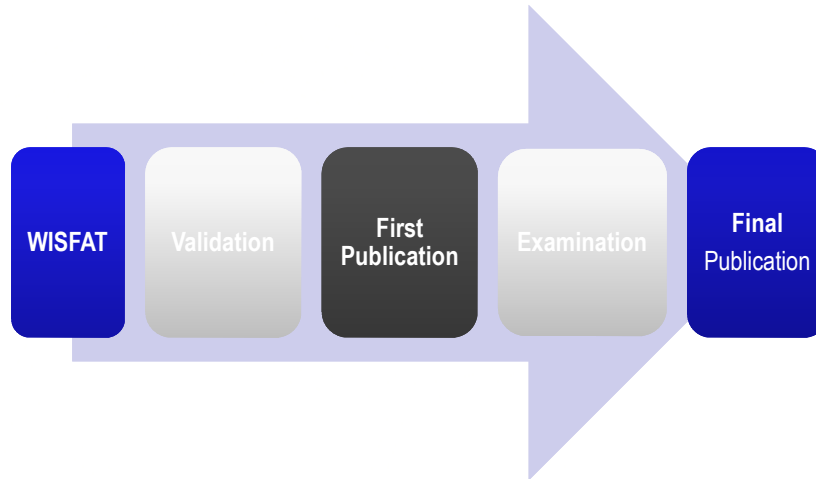
- WISFAT
 - Secured
 - Only TIES users
 - Only registered notifiers selected by their administration
 - Reliable
 - An acknowledgment Report is sent immediately to the notifier
 - Access to WISFAT
<http://www.itu.int/ITU-R/go/wisfat/en>



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Outcome of the Notification



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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

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Exercise!

- Fill and validated different notice types
- Submit via WISFAT



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Thank you for your attention!



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