



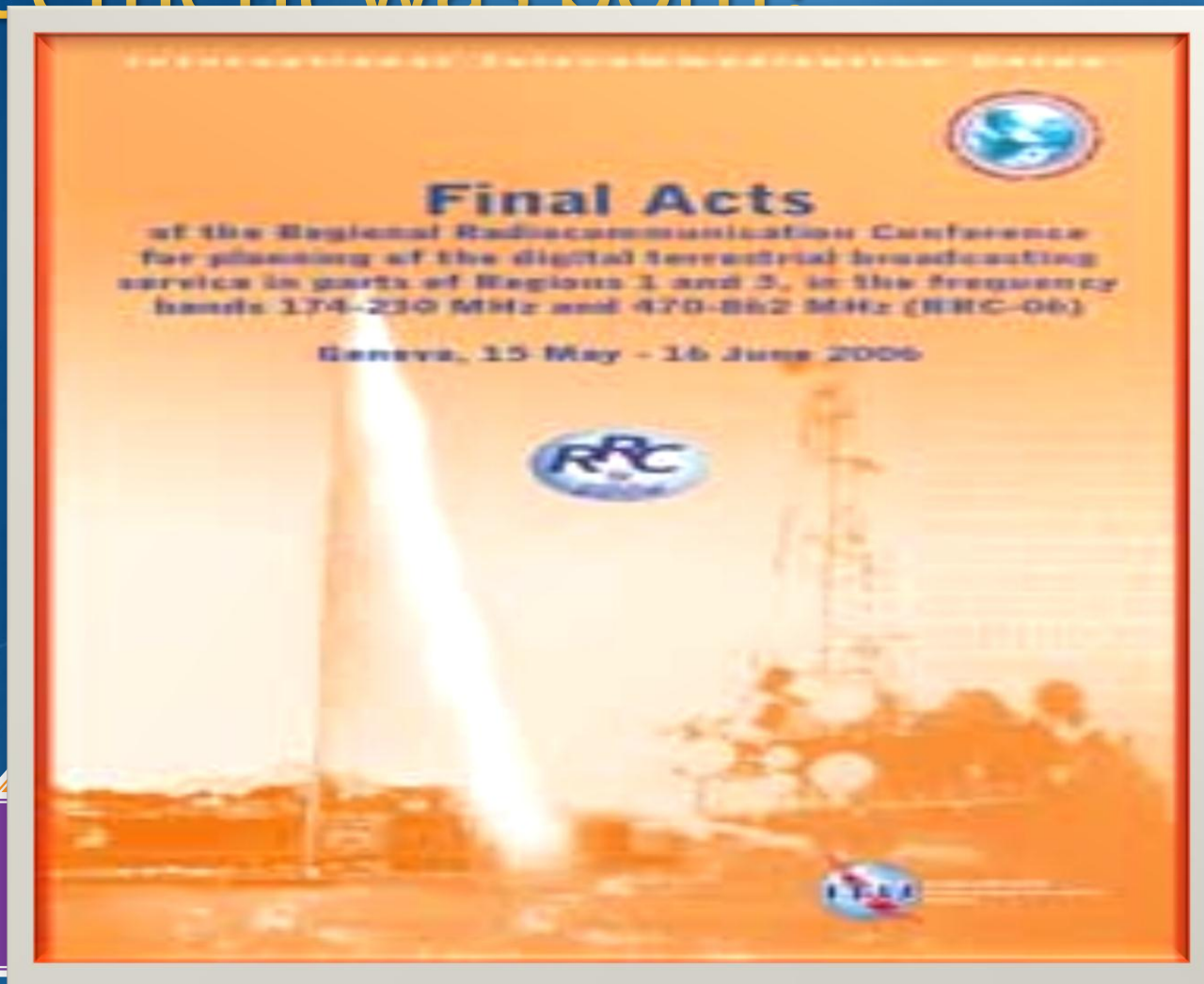
# REGIONAL AGREEMENT, GENEVA 2006: PLAN MODIFICATION AND NOTIFICATION PROCEDURES

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BR

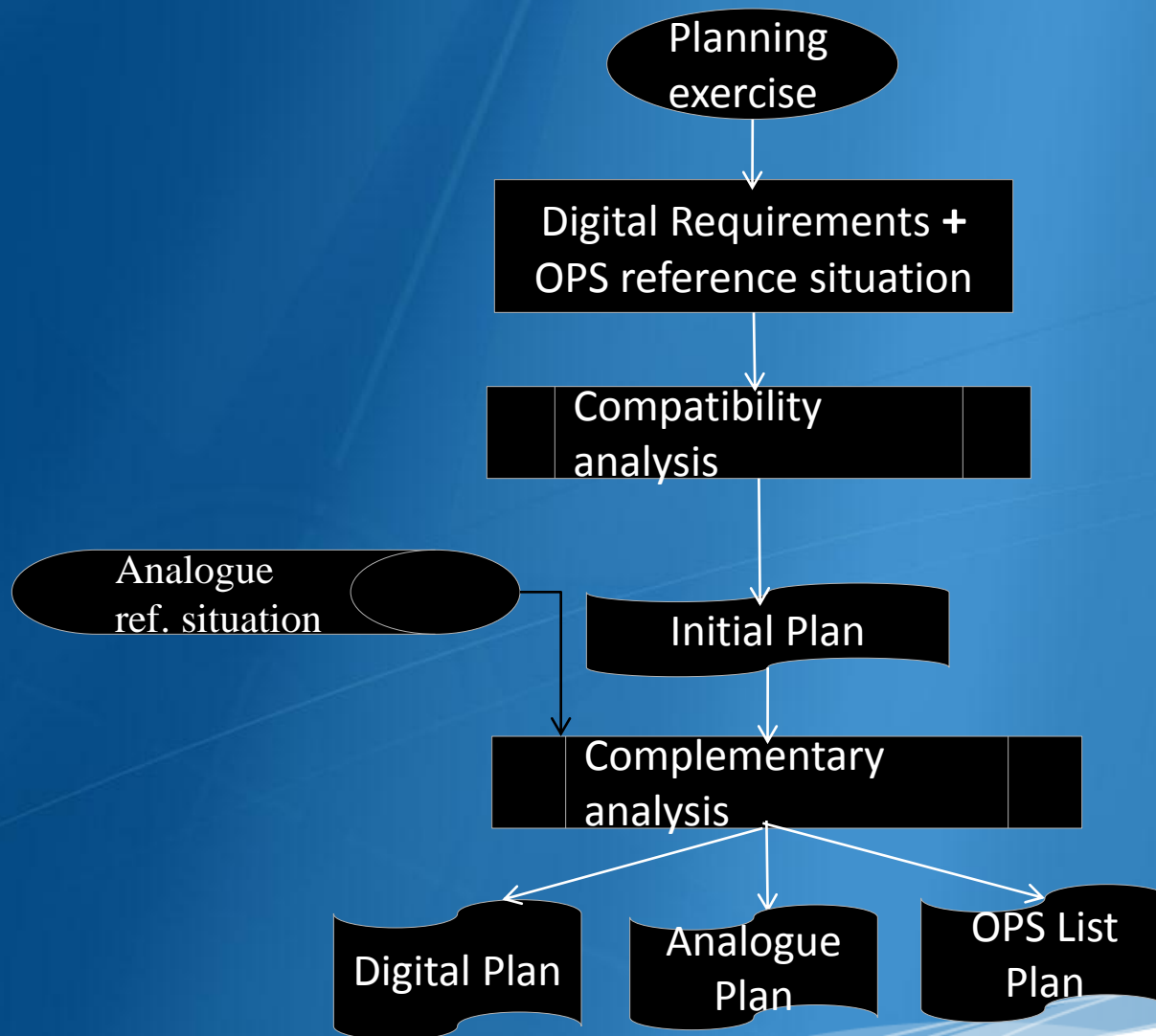
# OVERVIEW

- GE06 history
- General aspects of GE06
- Plan modification:
  - Definitions
  - Digital plan entries and assignment code
  - GE06 Agreement- follow-up provisions
  - GE06 examinations
- Notification procedure for normal cases
- Notification for other cases
- Exercises

# How the GE06 Agreement was born?

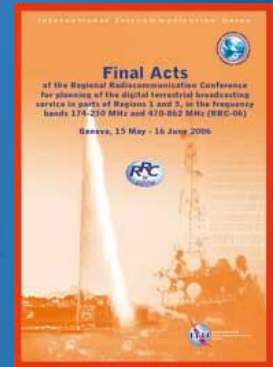


# RRC-06 planning process

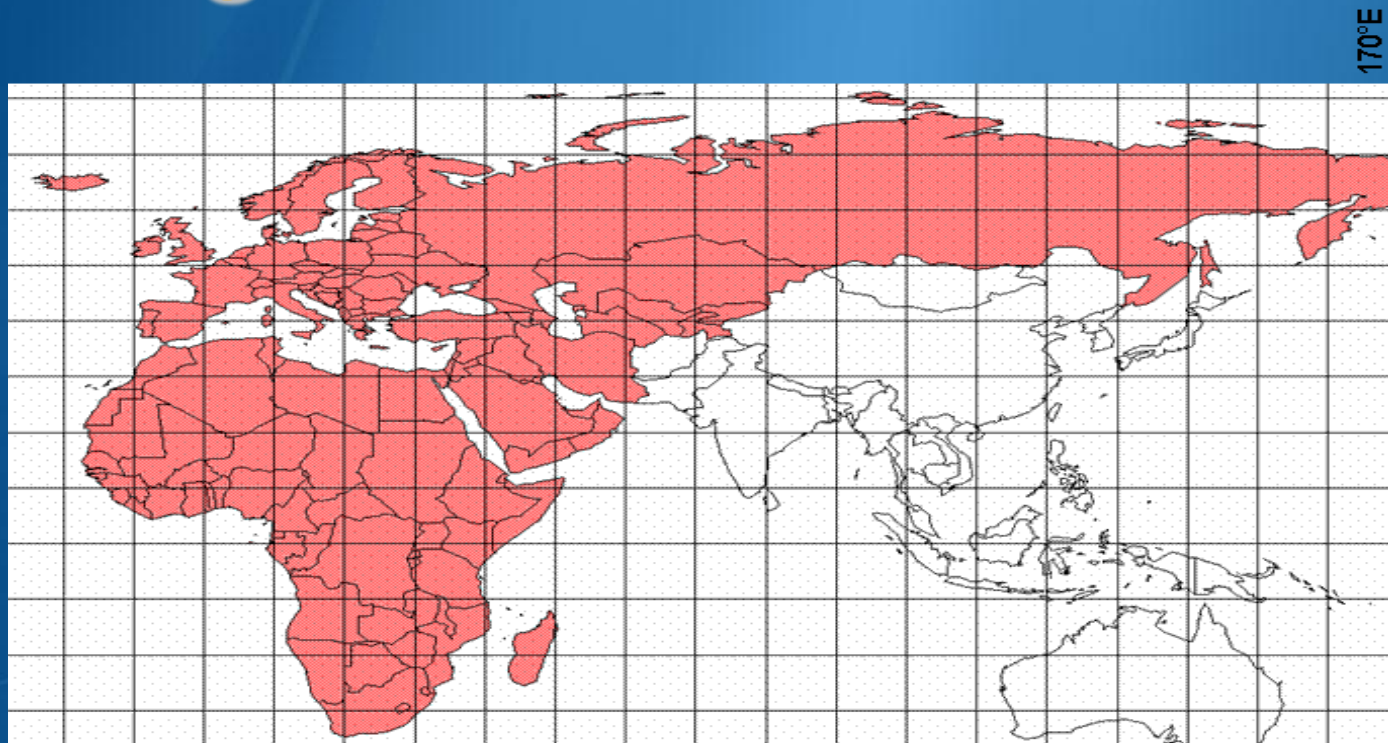


# General aspects -GE06 Agreement-

- Entry into force: 17 June 2007
  - *Provisionnaly as of 17 June 2006*
- Frequency Bands:
  - 174-230 MHz
  - 470-862 MHz
- Plans:
  - GE06D: for Digital entries;
  - GE06A for Analogue assignments; and
  - GE06L List for assignments of Other Primary Services



# Planning Area –GE06–



**Planning area:** *Region 1 (parts of Region 1 situated to the west of meridian 170° E and to the north of parallel 40° S, except the territory of Mongolia) and in the Islamic Republic of Iran*

# Basic definitions

- Plans: No 1.10 of article 1 → §3.1 of article 3
  - Digital: T-DAB and DVB-T assignments and allotments (planning:1.3.1 of Chapter 1 to Annex 2)
  - Analogue: Assignments
- List:
  - OPS – Nos.1.14 and 1.15 of Art.1
  - Description of OPS systems - Chapter 4, Annex 2

# Digital broadcasting

## Plan entries-Assignment Code

Plan Entry Code	Description
1	One assignment only
2	Single Frequency Network (SFN)
3	One allotment only
4	Allotment with linked assignments and SFN_Ids
5	Allotment with single linked assignment and no SFN identifier



Assignment code	Description
S	Single assignment
L	Linked assignment
C	Converted assignment



# Modification procedure - GE06 Agreement-

# Basic definitions

- Plan modification definition (§ 4.1 and 4.2 of Article 4):
  - Change characteristics of an allotment or assignment already in the Plans;
  - Add an allotment or assignment to the Plans;
  - Add an assignment stemming from an allotment to the digital Plan;
  - Cancel (suppress) from the Plans an allotment or an assignment.

# Provisions of article 4

→ informing administrations  
(Plans/List)

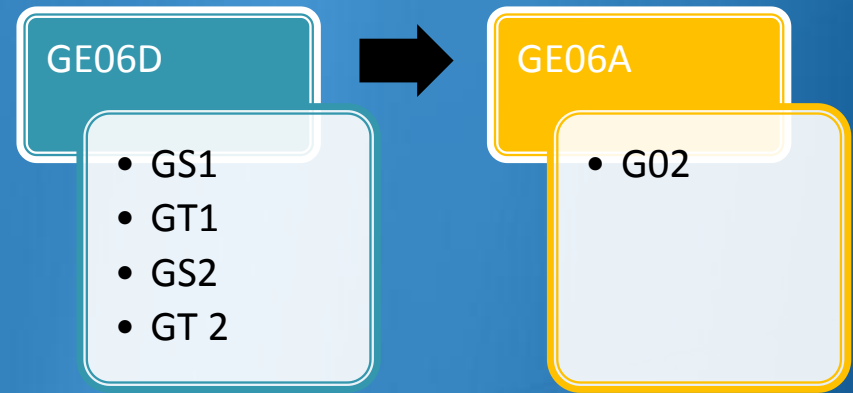
- § 4.1.2.8/4.2.2.6: 0 days → affected adm.
- § 4.1.5.3/4.2.5.3: missing agreements → notifying adm.
- § 4.1.2.7/- : Assignment stemming from an allotment that failed in conformity check → notifying adm.
- § 4.1.4.8/4.2.4.7,4.2.4.9:
  - 50 days → affected adm.
  - 75 days → notifying adm.
- § 4.1.4.10/4.2.4.10: Reminder → affected adm. that did not reply

# Affected administration Rights

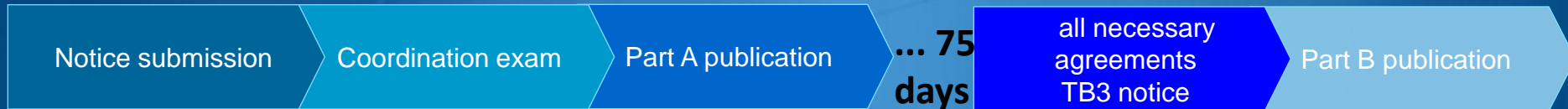
within 40 days from the date of publication

- § 4.1.2.9/4.2.2.7: Request the *Bureau* to remove its name from the list of administrations having given their agreement
- § 4.1.3.2/4.2.3.1: Request the *Bureau* to be included in the list of administrations considered to be affected (giving its reasons for doing so based on criteria in Section I of Annex 4).

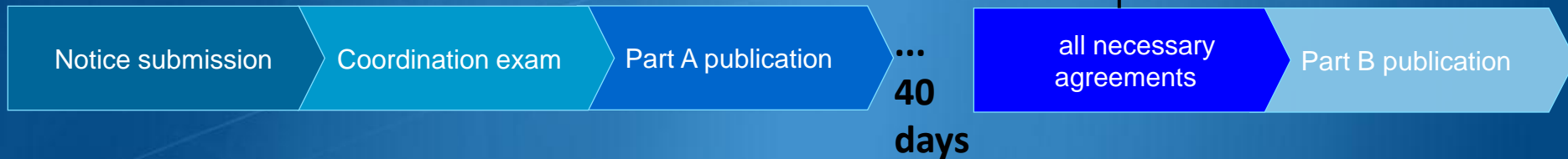
# Article 4 procedures



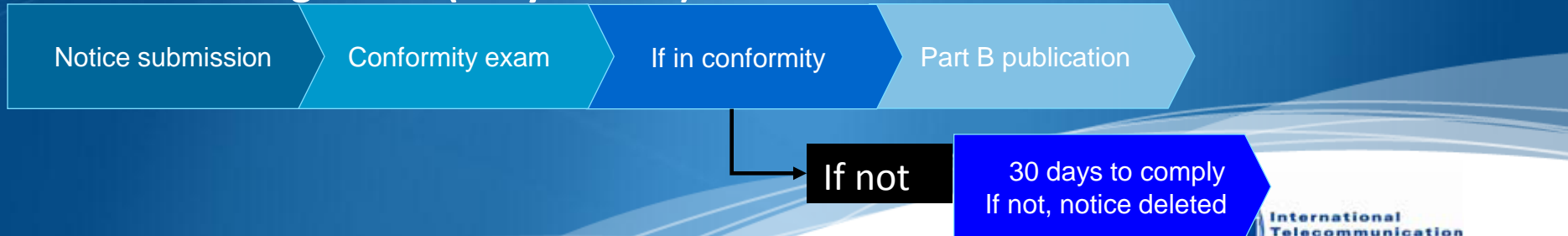
## Normal procedure: Pub\_req=FALSE



## Shortcut procedure Pub\_req= TRUE



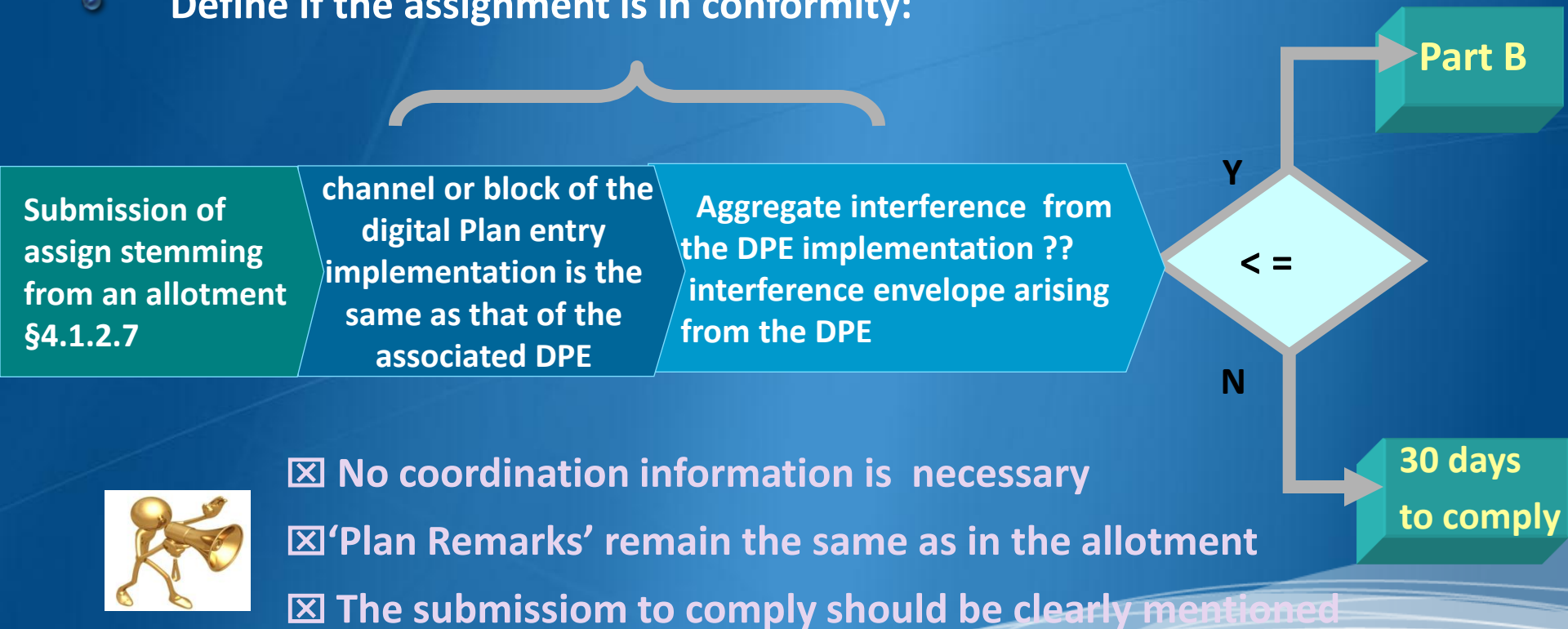
## Converted assignment (Only GE06D)



# Conformity examination

## Article 4

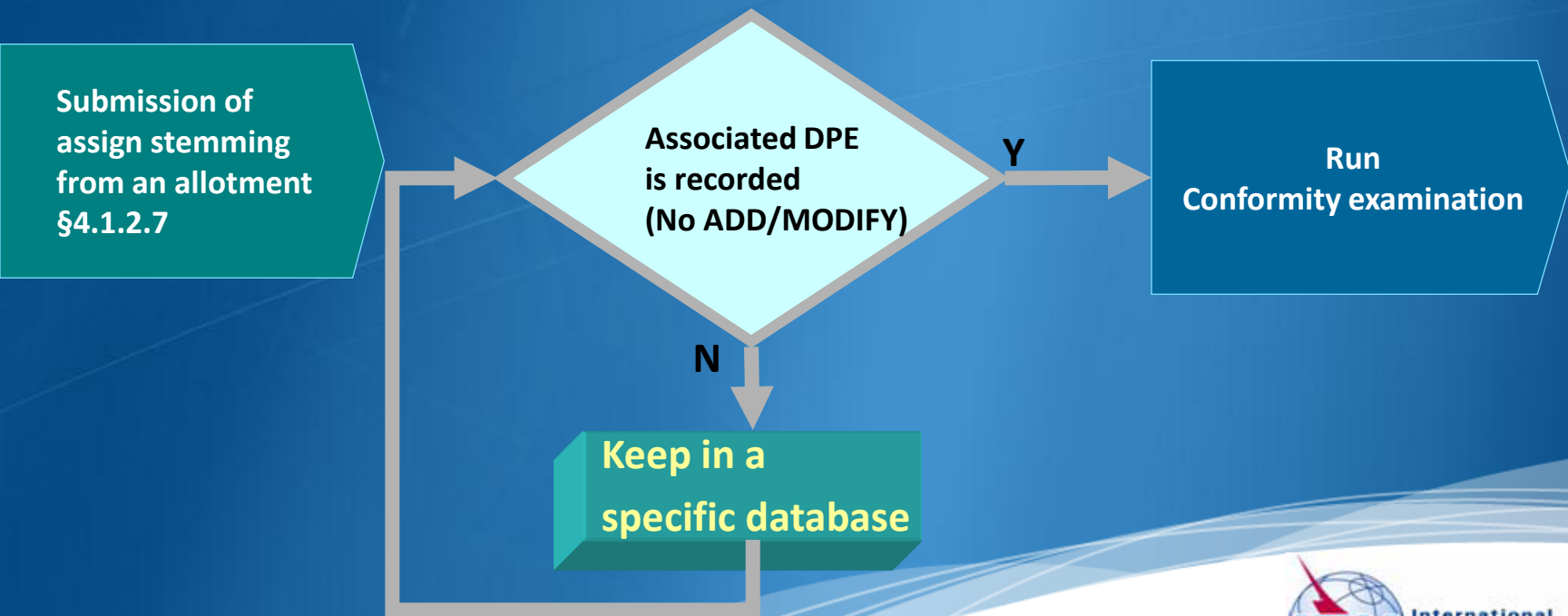
- Specific to GE06D **ONLY** ;
- Section II of appendix 4;
- Define if the assignment is in conformity:



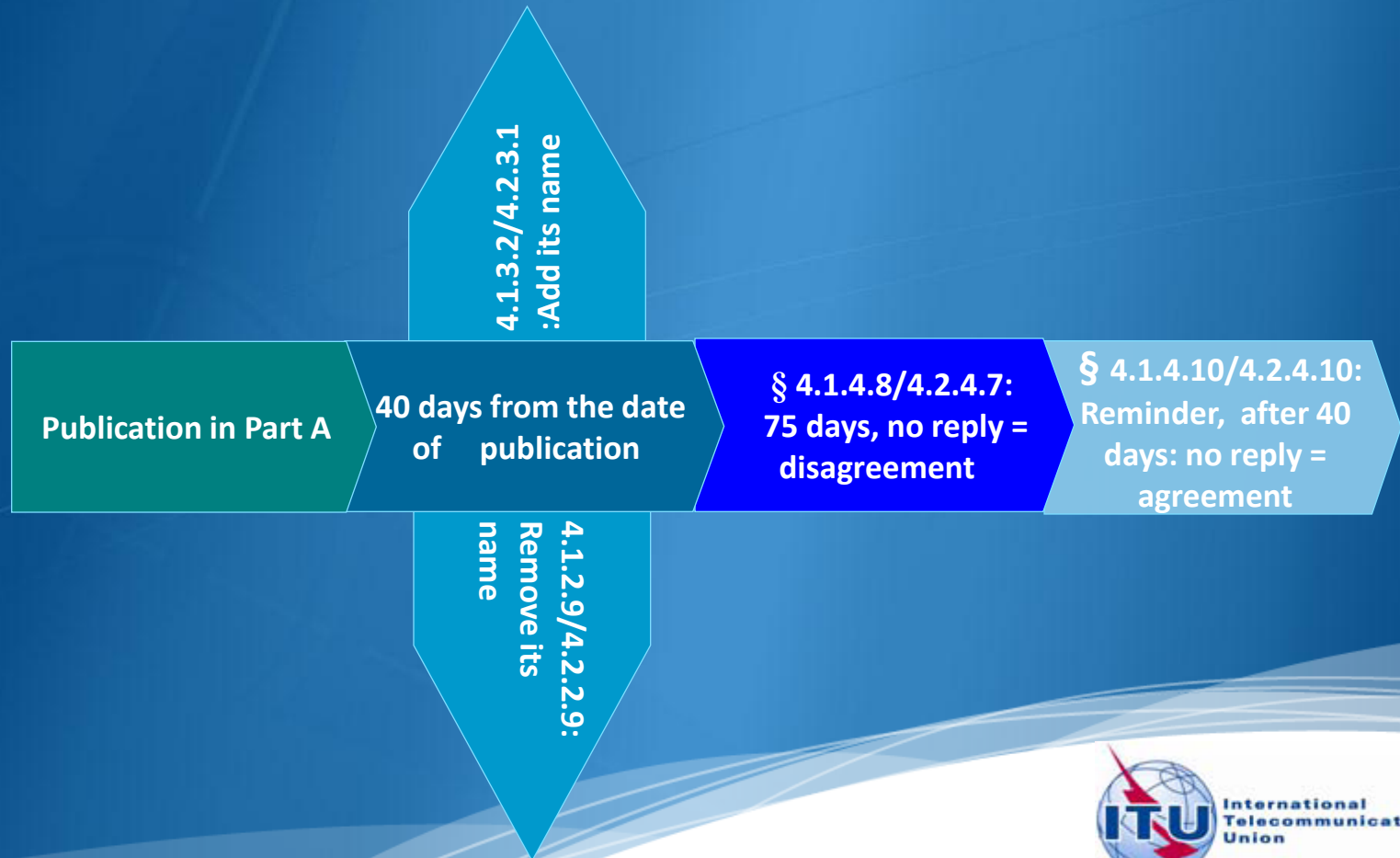
- ☒ No coordination information is necessary
- ☒ 'Plan Remarks' remain the same as in the allotment
- ☒ The submission to comply should be clearly mentioned

# Conformity examination GE06D case

- Specific case: Submission of assignments stemming from an allotment being modified: Part A10 of Rules of procedures:

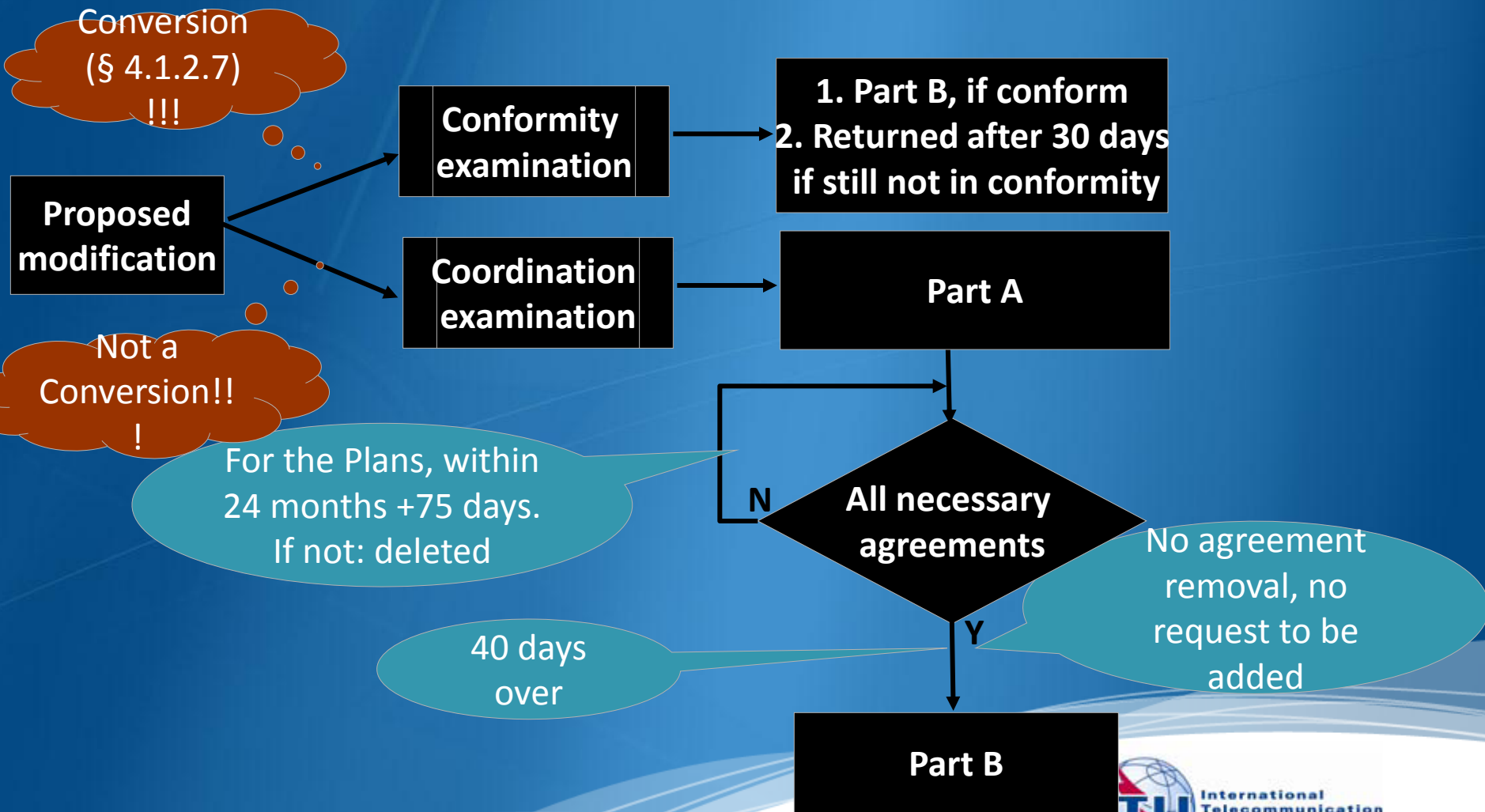


# Coordination with affected administrations





# Publication process—Article 4



# Specific features of coordination procedure

- No reply = no agreement
- Agreement (art4) can be provided for a **defined** duration
- No possibility to delete the remarks from the Plan entries in Article 4
- Deletion of the proposed modification of the Plans if not recorded after **24 months and 75 days**
- at the end of the **transition period**
  - All analogue assignments will be deleted
  - All Plan remarks with respect to analogue will be deleted

# Transition period

The *Transition period* started on 17 June 2006 at 0001 hours UTC:

- assignments in the analogue Plan (as specified in § 3.1.2 of Article 3) shall be protected.

## • **The *Transition period* shall end :**

- VHF Band :
  - on 17 June 2015 at 0001 hours UTC;
  - on 17 June 2020 at 0001 hours UTC for the countries listed in GE06 Agreement
- UHF Band :
  - on 17 June 2015 at 0001 hours UTC All countries

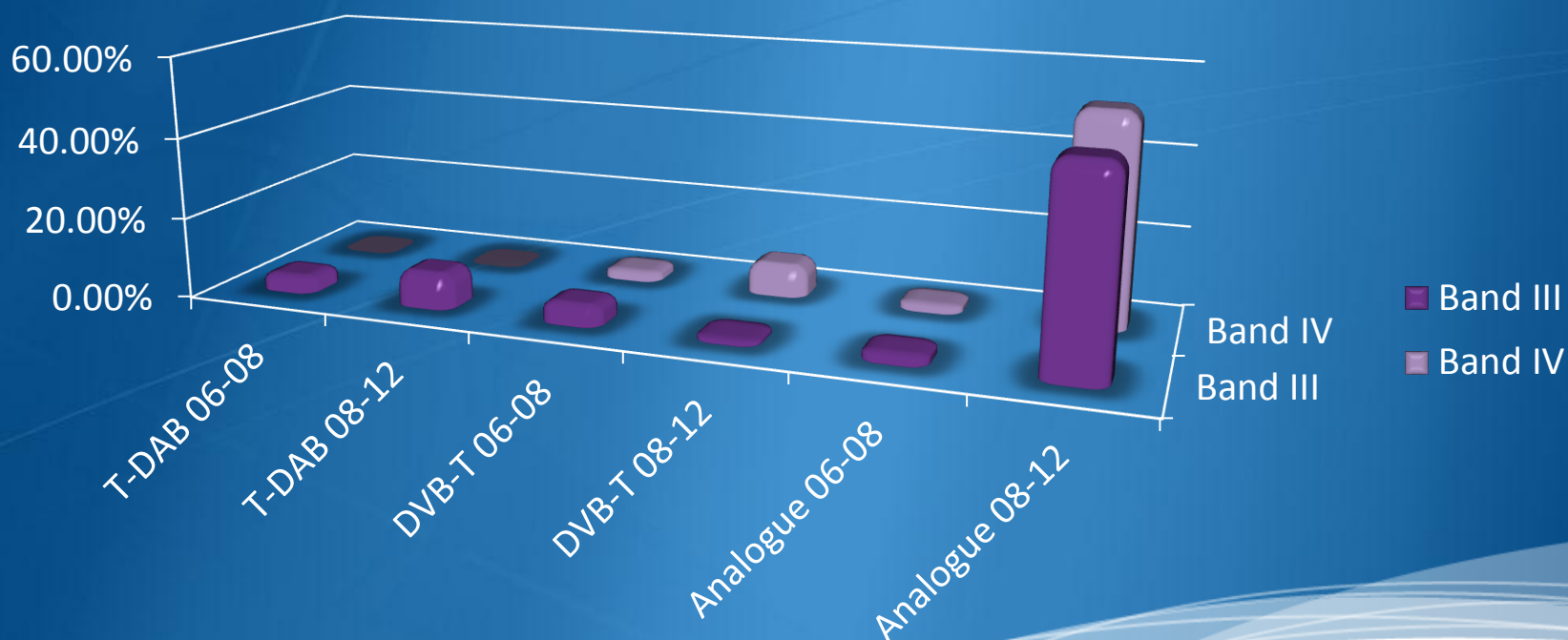
# What does it mean?

## End of Transition **period?**

- All analogue assignments will be deleted from the Plan
- All Plan remarks with respect to analogue will be removed
- GE06 provisions will not be applicable, anymore, to Analogue assignments.

# Modification du Plan GE06

	T-DAB 06-08	T-DAB 08-12	DVB-T 06-08	DVB-T 08-12	Analogue 06-08	Analogue 08-12
Band III	4.30%	9%	5.30%	1.40%	2.50%	49.10%
Band IV	—	—	2.40%	8%	2%	52%



# Article 11 of RR

## Notification procedure

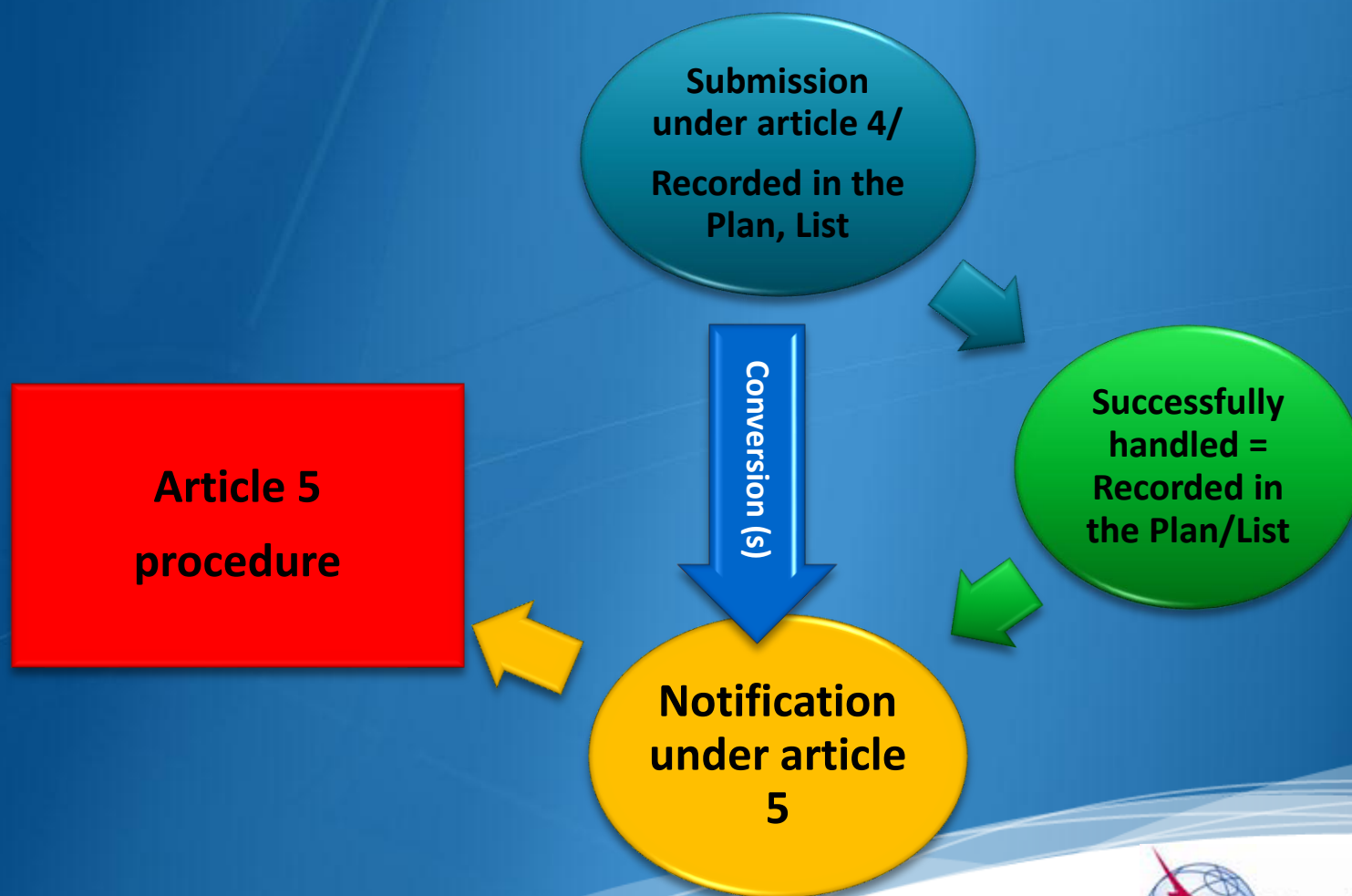
- Article 5 of GE06 Agreement-

- Normal cases -

# Notification procedure GE06

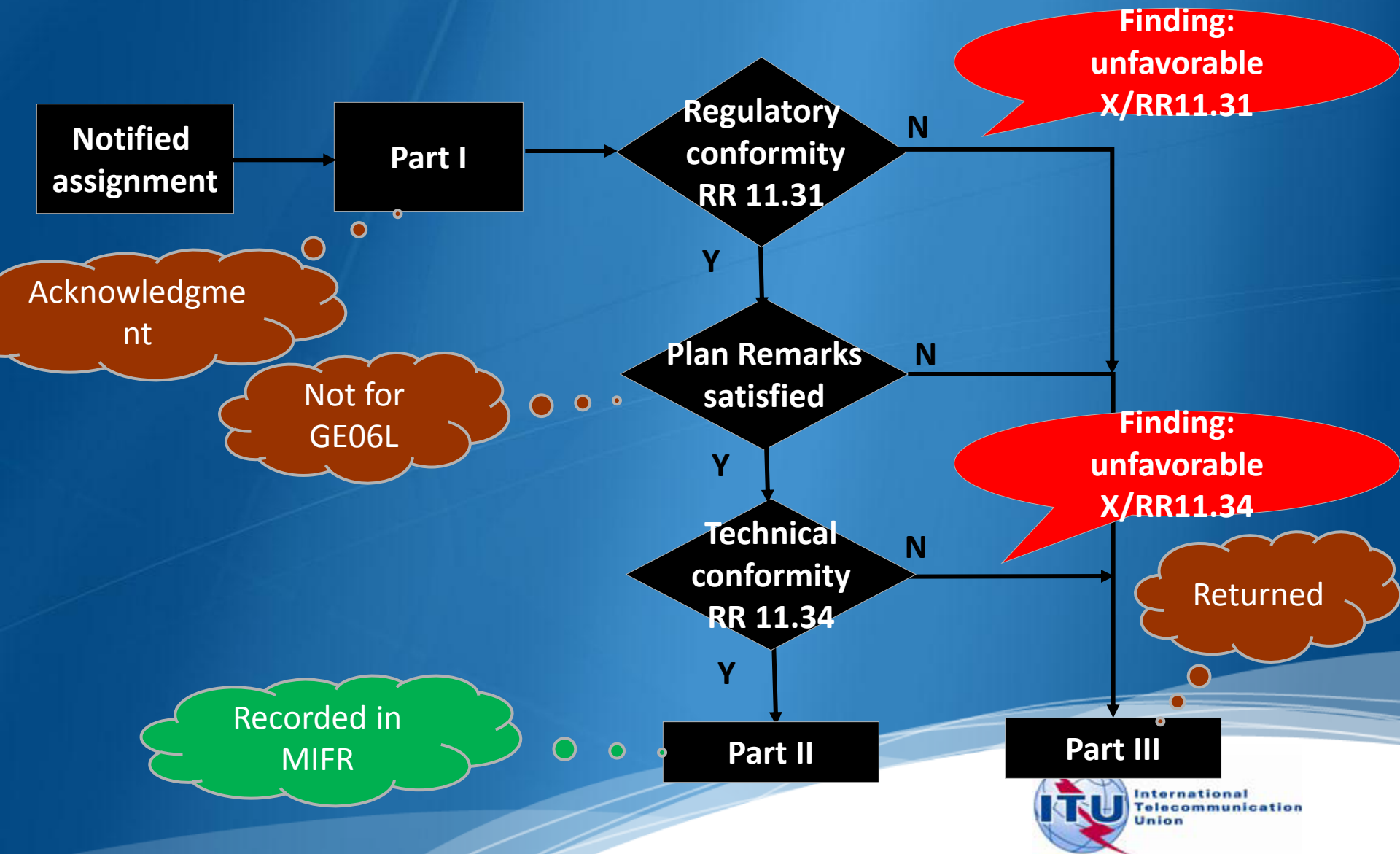
- *When an administration proposes to bring into use an assignment to a station, it shall notify to the Bureau, in accordance with the provisions of Article 11 of the Radio Regulations.*
- Before notifying, ensure that the relevant assignment is RECORDED in the relevant Plan:
  - Exception for the assignment stemming from allotment, which can be notified directly under article 5
- GE06A and D:
  - If Plan remarks, notify with all necessary agreements
  - Application of Section II of Annex 4

# Steps to MIFR recording





# Article 5 procedure



## **Article 11 of RR**

### **Notification procedure**

- **Article 5 of GE06 Agreement-**
  
- **Other than normal cases -**

# Article 5 of GE06: other cases

- Conversion of an assignment(s) from an allotment of the GE06 Plan
- Paragraphs 5.1.2e and 5.1.3

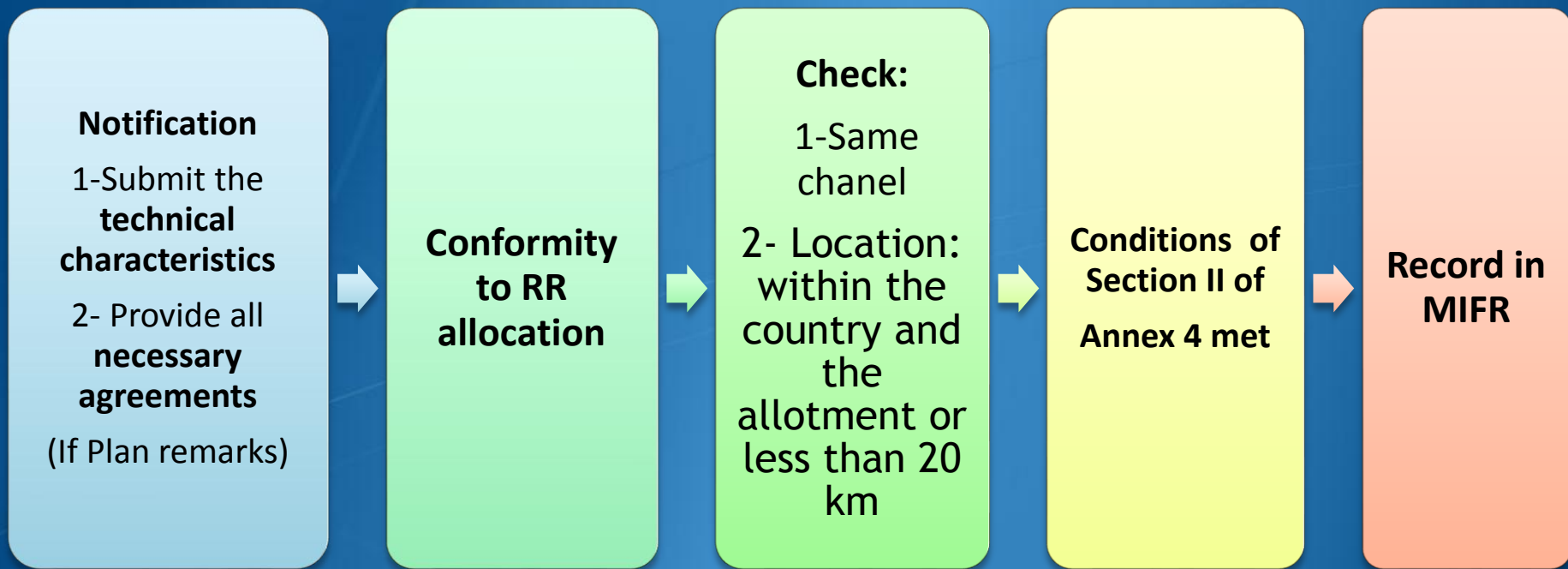
# Specificities of a conversion

- It is possible to notify directly applying article 5 of GE06 Agreement;
- The agreement from neighbouring administrations is necessary only when the allotment bears Plan Remarks.

## Conditions of the conversion: Section II of Annex 4 of GE06 Agreement

- The **channel or block** of the digital Plan entry implementation is **the same** as that of the associated digital Plan entry.
- The assignment must be located:
  - **Within** the allotment area or in a distance of **less than 20 km** of the allotment borders,
  - Within the notifying country borders.
- The aggregate interference from the digital Plan entry implementation shall not be higher than the interference envelope arising from the digital Plan entry.

# Notification of a conversion



# Notification of DTT systems other than DVB-T and T-DAB

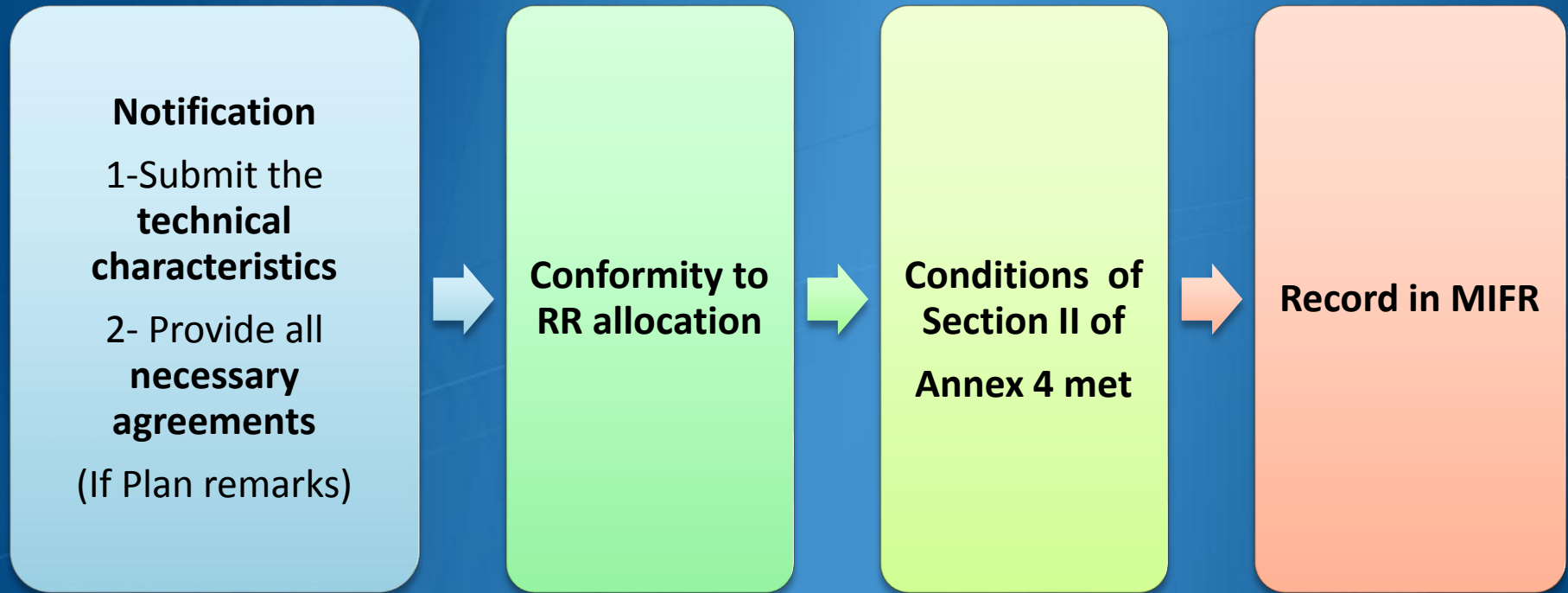
- **5.1.2e:** in the case of the use of an entry in the digital Plan, with different characteristics, within the DVB-T or T-DAB systems, the conditions specified in *Section II of Annex 4* are met.
- **5.1.3:** A digital entry in the Plan may also be notified with *characteristics different* from those appearing in the Plan, for transmissions in the *broadcasting service or in other primary terrestrial services* operating in conformity with the *Radio Regulations*, *provided* that the peak power density in any **4 kHz** of the above-mentioned notified assignments shall not exceed the spectral power density in the same **4 kHz** of the digital entry in the Plan. Such use shall not claim more protection than that afforded to the above-mentioned digital entry.

# Notification form for 5.1.2e

- As 5.1.2e is applied only for the notification of *DVB-T and T-DAB systems* :
  - The electronic notification form is **GS1**.



# Notification according to 5.1.2e



# Notification according 5.1.3

## Rules of Procedures - Part A10- Art5

- The Board understands that the examination of the **4 kHz condition** is only the **first step** that the Bureau would need to carry out under No. 5.1.3 of the GE06 Agreement.
- If the examination of the peak power density is **within the specified limits**, then the Bureau will proceed to **conformity examination** (Section II of Annex 4).
- Only **assignments** can be notified.
- Adm. needs to supply all the **relevant characteristics** that are necessary.
- If the digital Plan entry bears a remark, the Adm. shall provide all the necessary agreements.

# Notification conditions

## 5.1.3

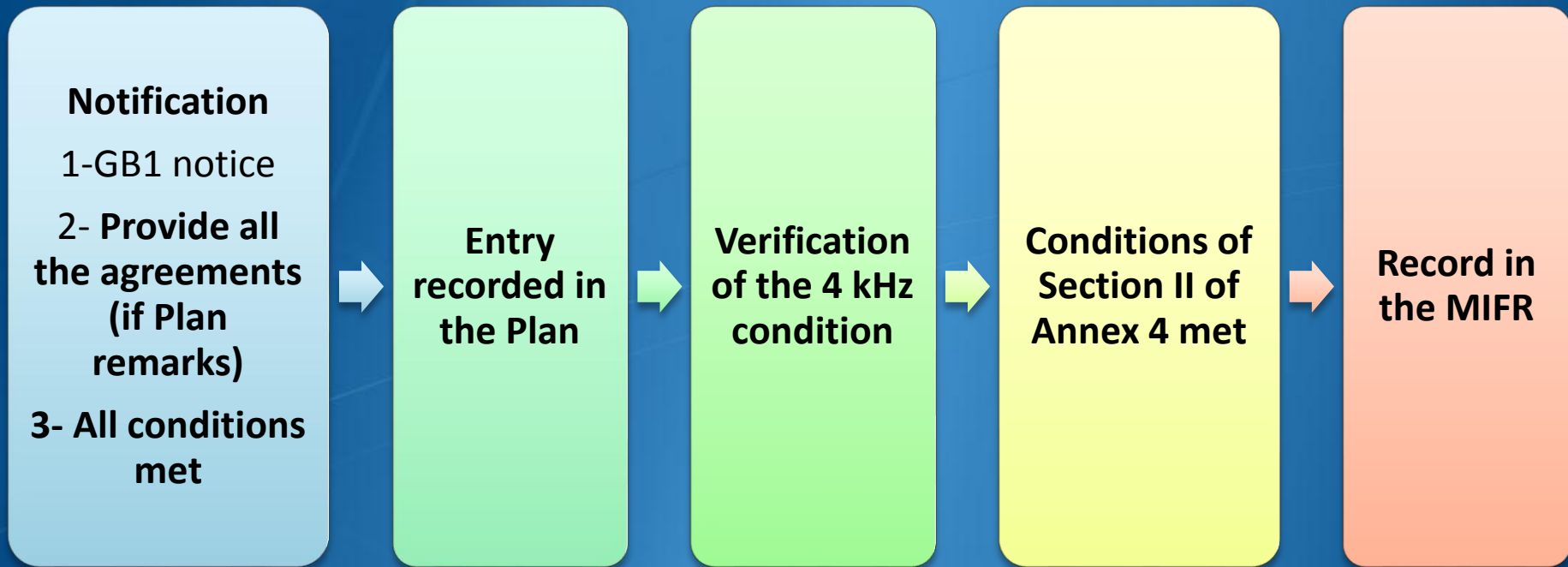
- Operating in conformity with the Radio Regulations.
- the peak power density in any 4 kHz of the above-mentioned notified assignments shall not exceed the spectral power density in the same 4 kHz of the digital entry in the Plan.
- not claiming more protection than afforded to the associated Plan entry.
- Only assignment/No allotment

# Notification form for 5.1.3 (circular Letters CR/261 and 262)

- For a digital assignment in the Broadcasting service: **GB1**
- For an assignment in a Service other than Broadcasting: **G11, G12, G13, G14**
- For an analogue assignment in the Broadcasting service :**G02**

# Notification according to 5.1.3

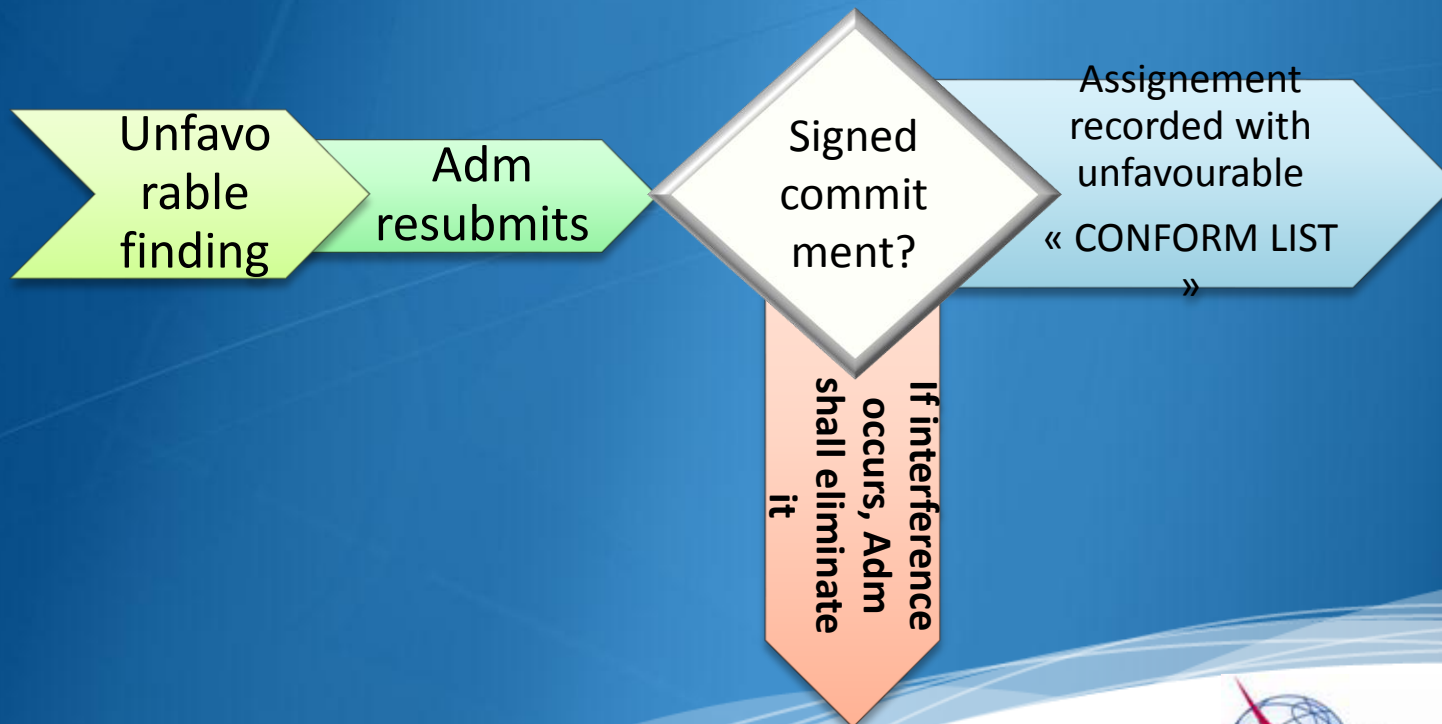
## Rules of Procedures - Partie A10



# Another chance... Resubmission

- 5.1.6 and 5.1.7 for the Plans

Without the signed commitment, the notice is returned to Adm.





Gracias



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谢谢你

Merci

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