Terrestrial Stations
Notification of frequency assignments for recording in the Master Register and Plans

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MIFR/Master Register

Frequency assignments in operation

Master
International
Frequency
Register



Collection of provisions/regulations

- to use the radio-spectrum without causing interference

International treaty:

- Administrations are obliged to apply these provisions
- International recognition **No 8.3**

Other administration shall take into consideration those assignments that are already recorded in MIFR

Plan : Regional/World

Frequency assignments reserved



- Administrations have reserved certain frequencies for future use, during regional planning conferences
- Within a frequency band, for a specific service and within a defined area;

When in operation:

- Must notify for its recording in the MIFR
- International recognition **No 8.3**

Notification of frequency assignment

Recording in MIFR

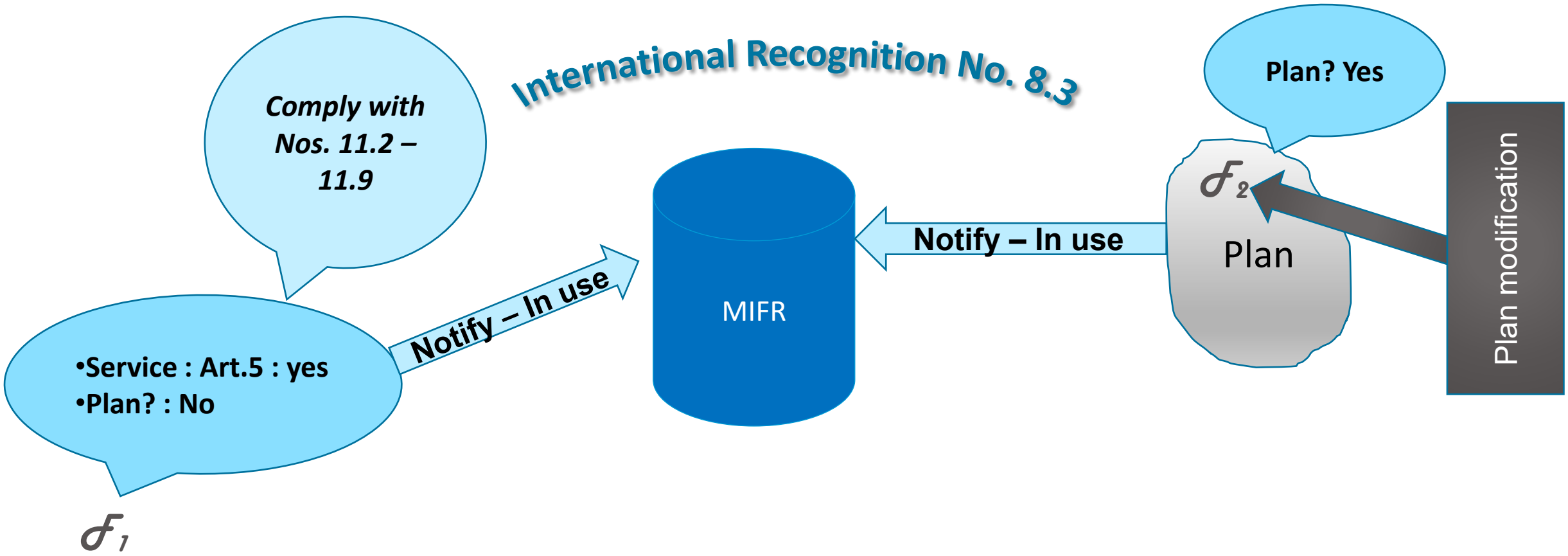
- Which frequency assignments should be registered?
- When to notify?

Modify Plans

- Any frequency that falls within the frequency band, service and planning area
- Whenever there is a need

- ✓ How to notify the required data items
- ✓ How to submit to the Bureau

Principle of the notification procedures for recording in the Master Register (MIFR) – Art. 11



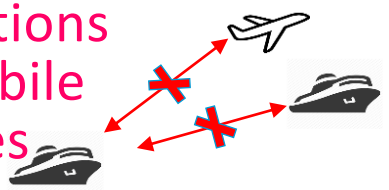
Notification under Art.11

NOTIFIED **(Nos. 11.3 – 11.9)**

- ✓ Capable of causing harmful interference to any service of another administration;
- ✓ Used for International radiocommunication;
- ✓ Subject to world/regional frequency allotment/assignment plan which does not have its own notification procedure;
- ✓ Subject to the Art. 9 coordination procedure;
- ✓ Request for international recognition;
- ✓ For information only (RR 4.4).

NOT BE NOTIFIED **(Nos. 11.13 – 11.14)**

- × Assignments to stations in the amateur service;
- × Assignments to ship stations (ship to ship) and to mobile stations of other services



- × Assignments involving specific frequencies which are prescribed by RR for common use – as they are already in the Master Register
- × Broadcasting stations which falls within the high-frequency bands 5 900 kHz – 26 100 kHz: Art 12

Notification to the Bureau (1/3)

- Which data items to notify?
  - For recording in the Master Register:
    - Administrations shall provide the relevant characteristics listed in Appendix 4 to the RR (No. 11.15);
  - For modifying a given Plan:
    - Administrations shall provide the relevant characteristics listed in the Annexes of the relevant Agreement;
- Facilitate the notification
  - Different notice types containing the required fields
  - Symbols and codes are used for some data items, such as:
    - Class of station, Nature of service, etc.;
    - Defined in the Preface to the BR IFIC

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

Notification to the Bureau (2/3)

- When to notify?
  - For the recording in the **Master Register** (MIFR), the notices shall reach the Bureau (Nos. 11.24 – 11.25):
    - Not earlier than **three years** before the assignment is brought into use, for terrestrial stations involved in coordination with a satellite network;
    - Not earlier than **three months** before the assignment is brought into use, for all other terrestrial stations;
  - To modify the Plan:
    - Can be sent any time when required.

Notification to the Bureau (3/3)

- How to notify the data items?
  - Prepare a notice for each frequency and for each station;
  - Exception if the same frequency is re-used with identical technical characteristics many times within a given area:
    - A single notice can be used having the typical characteristics of one station of the network **(RR11.17);**
      - Does not apply to all services nor to all frequency bands **(Nos. 11.18 – 11.21B):**
        - Stations covered by Allotment Plans in App. 25, App.26 and App.27;
        - Broadcasting stations;
        - Terrestrial stations within the coordination area of an earth station, etc.

Notices: Grouped by categories

LFMF

Low and medium frequency bands for sound broadcasting
T03 (Region 1 and 3), T04 (Region 2)

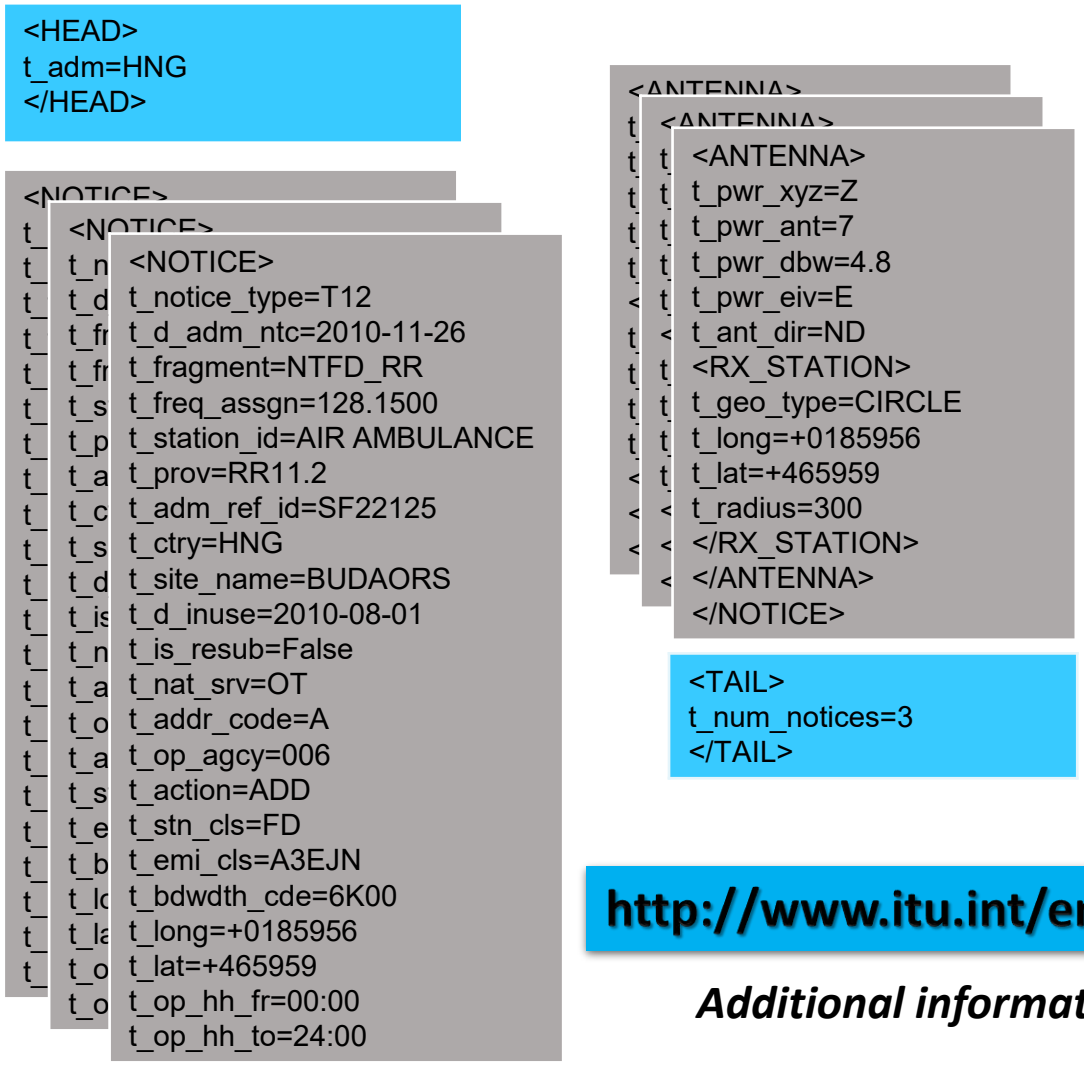
FMTV

VHF and UHF frequency bands for sound and television broadcasting
T01, T02, GS1, GT1, GS2, GT2, GB1

FXM

Fixed, mobile and other terrestrial services
T11, T12, T13, T14, T15, T16, T17, G11, G12, G13, G14

Electronic notice file format

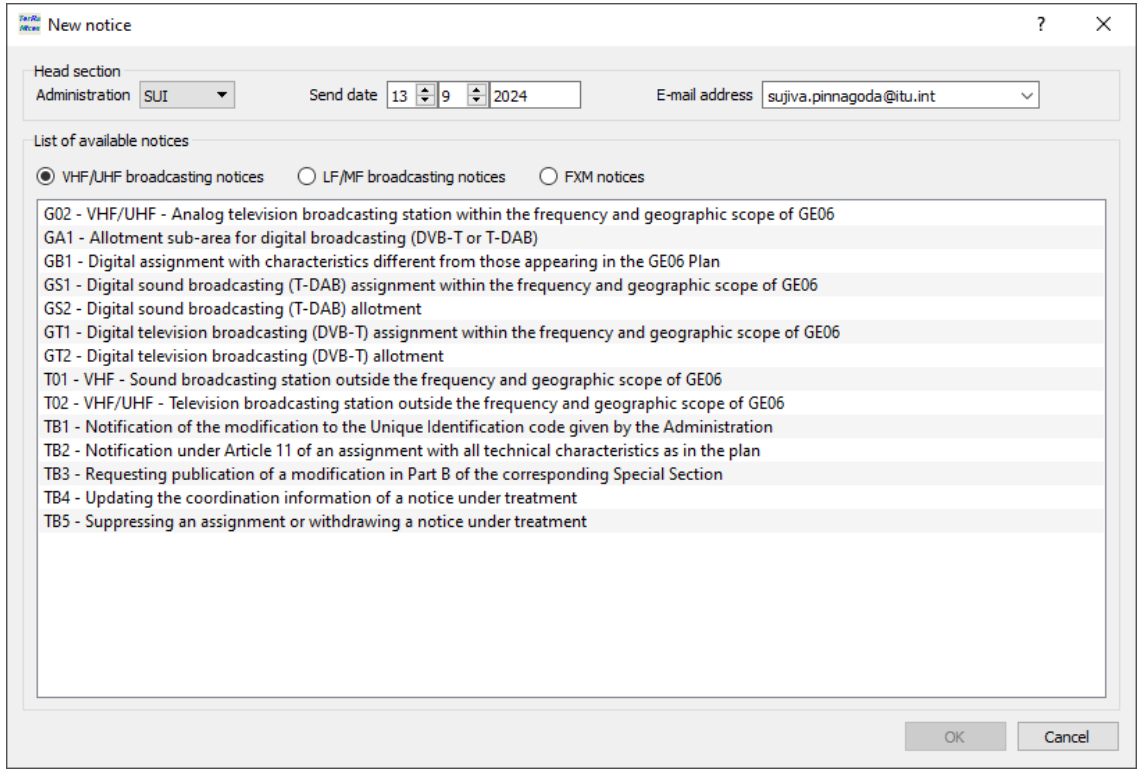


- **Notices must be sent electronically to the Bureau, to comply with Res. 906 (Rev. WRC-15):**
- **Structured text file in which more than one notice can be sent**

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

Additional information with examples of different notice types

Create a notice file : TerRaNotices



- The notices must be validated before submitting to the Bureau:
  - eValidation tool
    - Validation is completed, the user is notified via an e-mail
    - Available to ITU Username with TIES Services

- Option : “Validate” during the submission (WISFAT)
  - File contains Errors and/or Warnings, the user will be informed for further action
  - Only available WISFAT registered users

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

OR

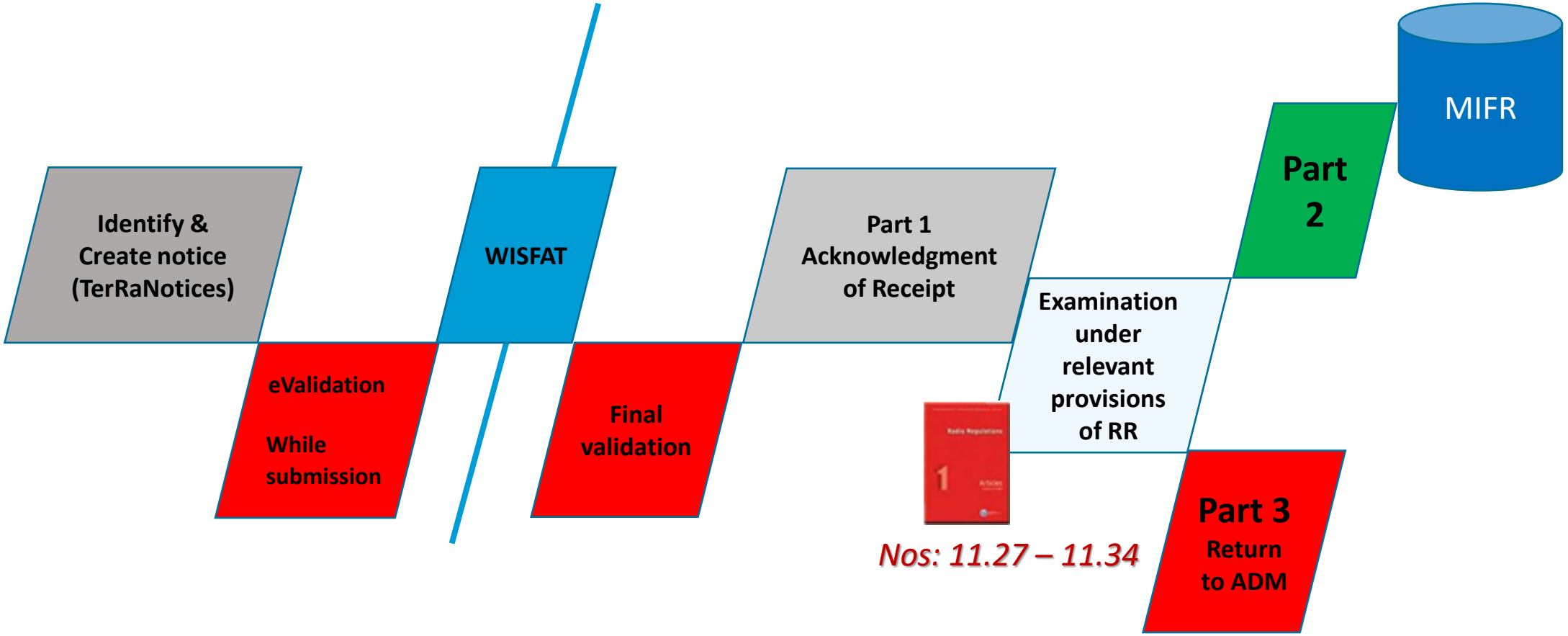
https://www.itu.int/ITU-R/eTerrestrial/Account/Login

Submission to the BR - WISFAT

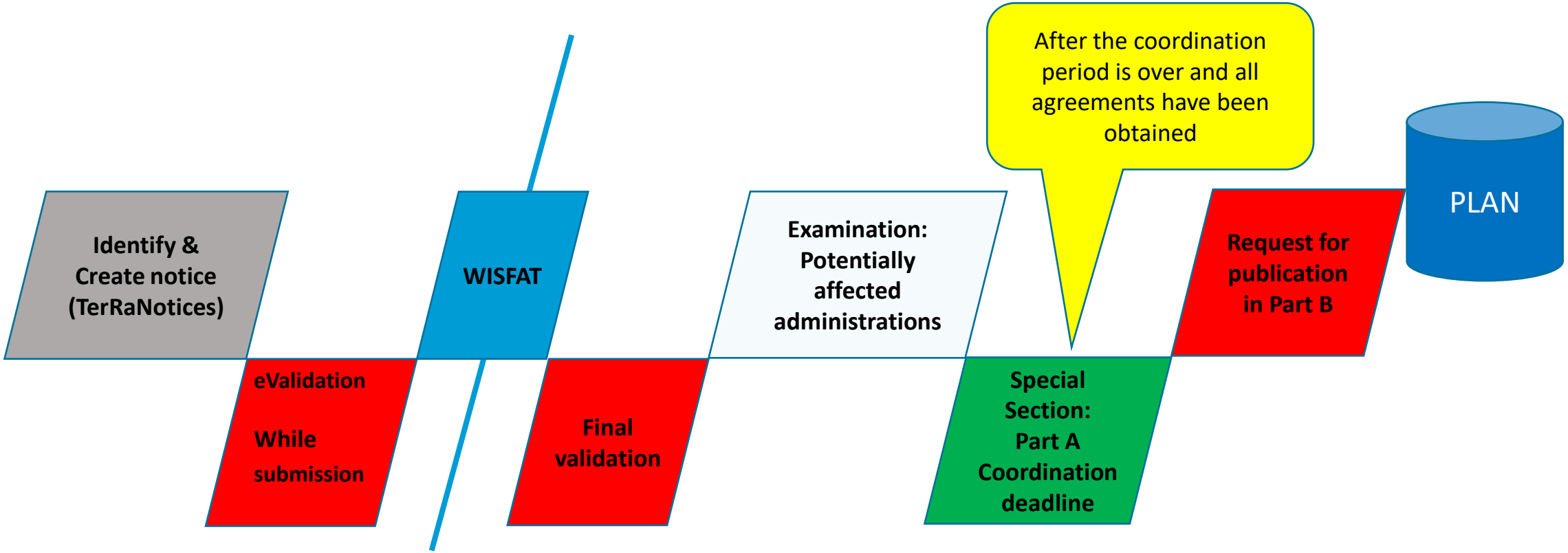
- How to submit the notices to the Bureau?
  - WISFAT (**W**eb **I**nterface for the **S**ubmission of **F**requency **A**ssignments/Allotments for the **T**errestrial Services)
  - Secured web Interface accessible only to registered users;
  - Acknowledgement report is sent to the notifier;
  - As many as required;
  - Administration's responsibility to keep the list of notifiers up to date;
- How to register?
  - Administrations must send an official request by e-mail (brmail@itu.int) to the BR giving:
    - Name, position, service e-mail, ITU Username (having TIES services);

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

Overview of the Processing : Recording in the MIFR



Overview of the Processing : Plan modification



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.



- Remember: **Master Register must reflect** the exact use of the radio spectrum;
- It also reflects the use of various frequency bands, this information is also taken into consideration during World Radiocommunication Conferences (WRCs), especially when services are looking for new allocations;
- Consult the BR IFIC to be aware of what is happening with regards to the use of the radio spectrum by your neighboring countries as well as to follow-up your submissions.

Therefore, **notification to the Bureau is very important**

Thank you!

ITU – Radiocommunication Bureau

Questions to :
brtpr@itu.int