

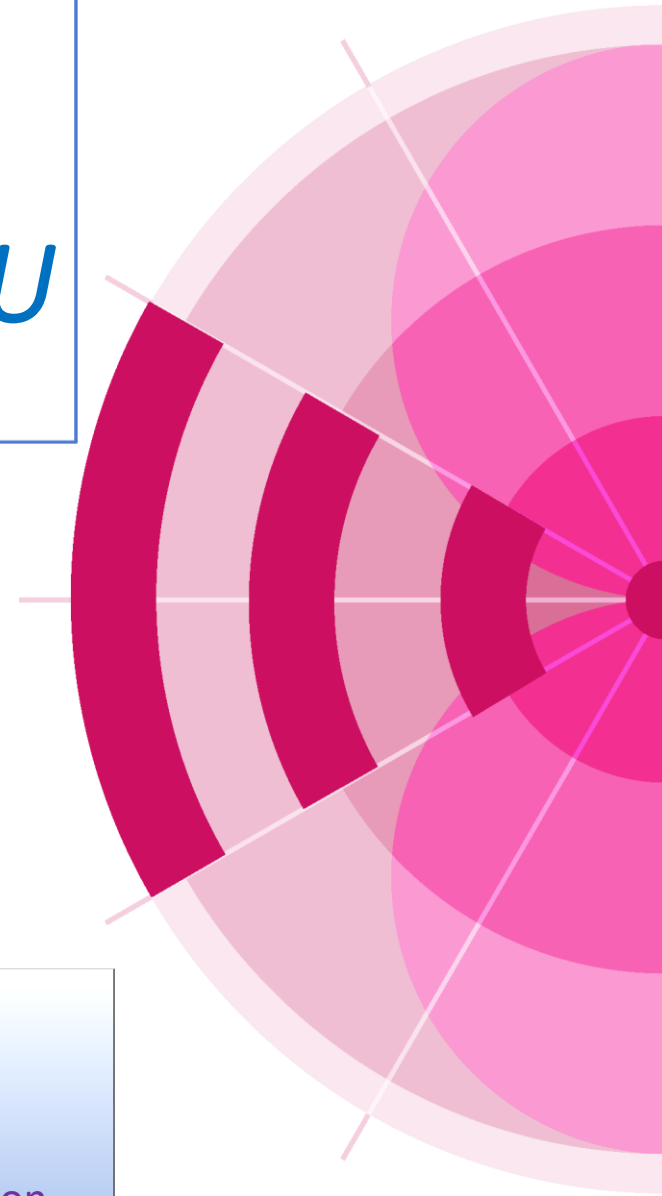


TECHNICAL AND REGULATORY ASSISTANCE BY THE BUREAU

Omar KA

BR/SSD/SSC

International Telecommunication Union



- **What are the Provisions to seek the Assistance of the Bureau;**
- **When, during the coordination process, each one of these provisions can be applied;**
- **Scenario/Common cases treated by the Bureau upon receipt of assistance request under Nos. 9.46, 9.60, 9.63/9.65 of Article 9, § 4.1.10a of Article 4 of AP30/30A or § 6.13 of Article 6 of AP30B;**
- **What are the actions taken by the Bureau and the implications for the administrations involved.**

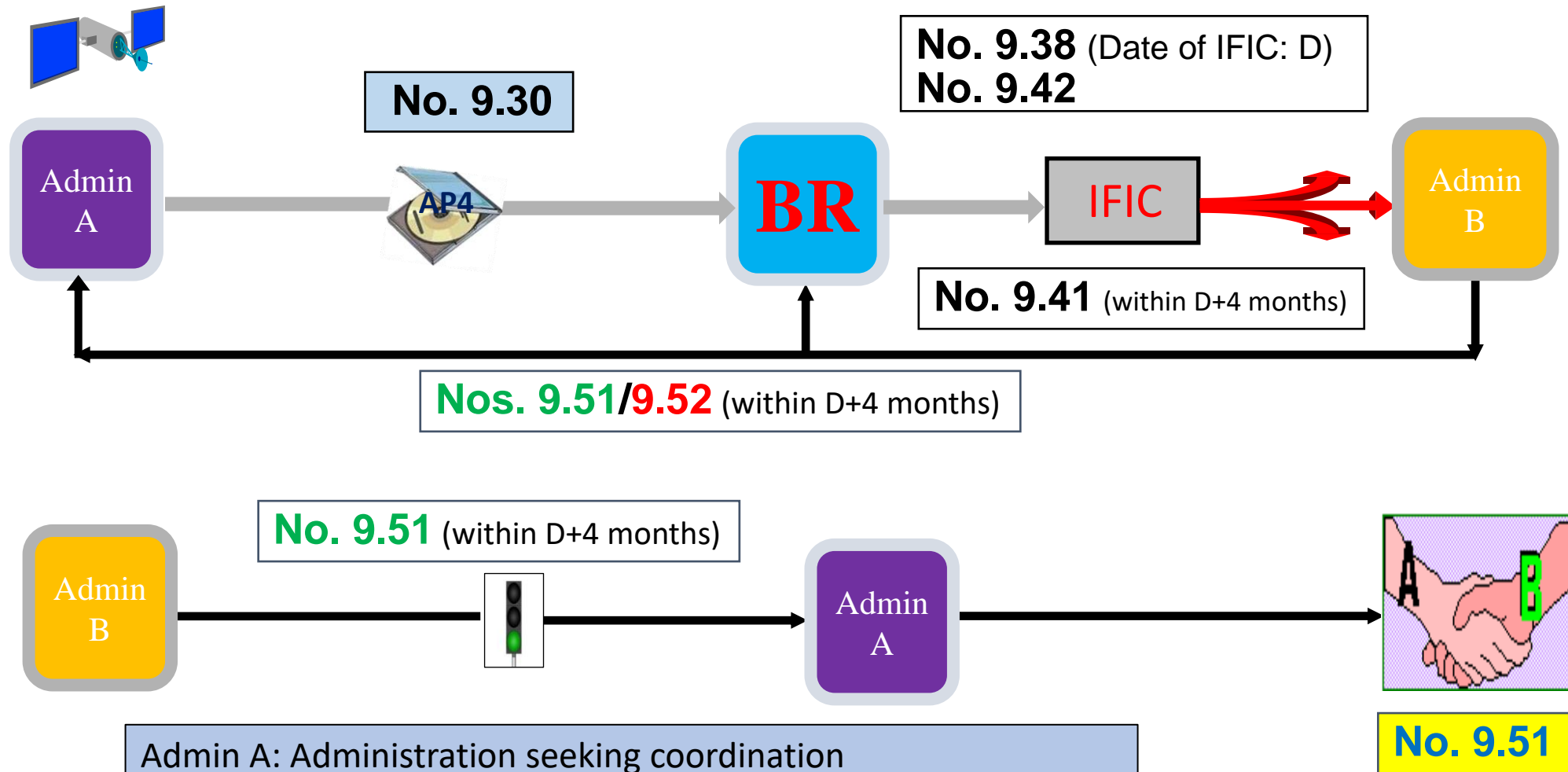
Regulatory Provisions to Seek Bureau's Assistance

- No. 9.46: No acknowledgement of receipt of coordination data
- No. 9.60: No reply, no decision or no relevant information provided within 4 months in case of disagreement
- No. 9.33: Direct communication between the Administrations not possible
- No. 13.1: General provision – in case of difficulty in applying the provisions of Articles 9, 11 and Appendices 30, 30A and 30B, **§ 4.1.21 of AP30/30A**
- No. 9.63: Continuing disagreement
- No. 7.6 : Special assistance
- **§ 4.1.10a** (AP30/30A): No reply notified within 4 months
- **§ 6.13** (AP30B): No reply notified within 4 months

International Rights and Obligations

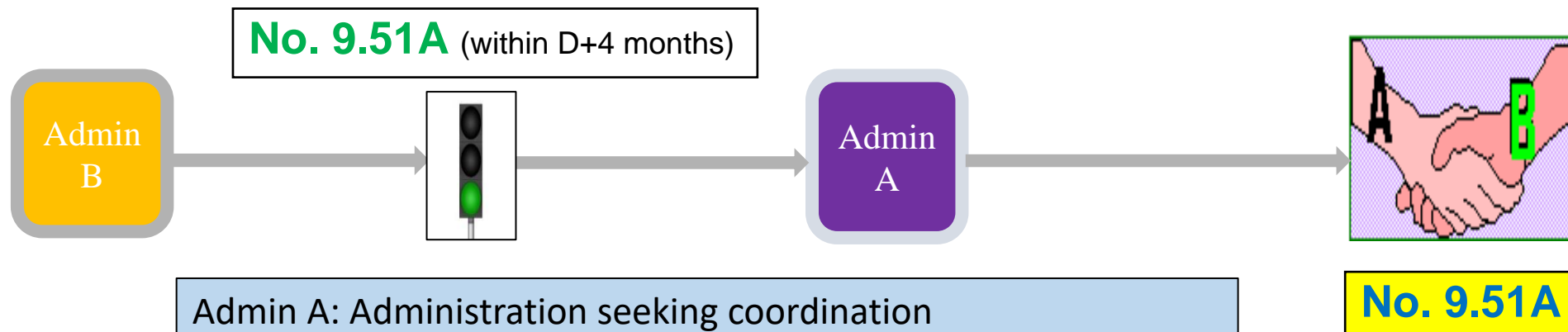
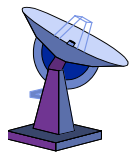
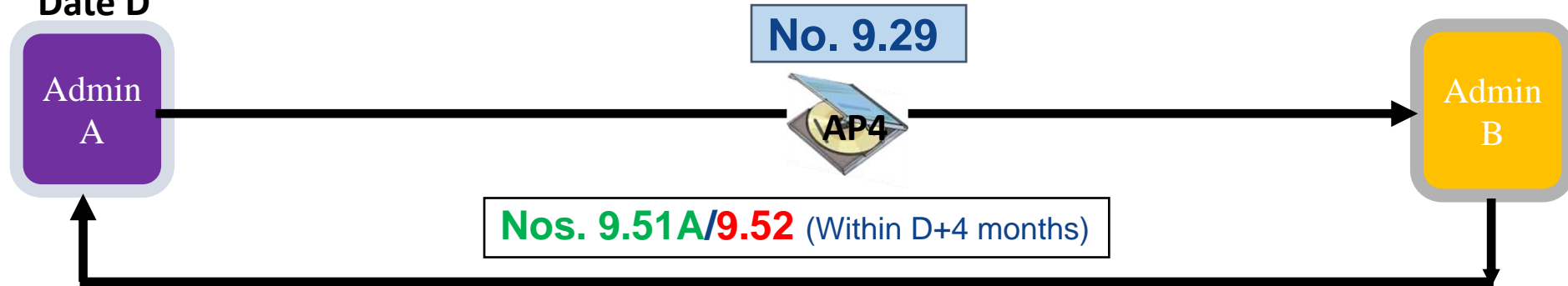
No.8.1 The international rights and obligations of administrations in respect of their own and other administrations' frequency assignments shall be derived from the recording of those assignments in the Master International Frequency Register (MIFR) or from their conformity, where appropriate, with a plan. Such rights shall be conditioned by the provisions of these Regulations and those of any relevant frequency allotment or assignment plan.

Procedure for effecting coordination of space stations under Article 9 & action upon a request for coordination



Coordination of earth stations with respect to terrestrial stations and other earth stations under Article 9 & action upon a request for coordination

Date D



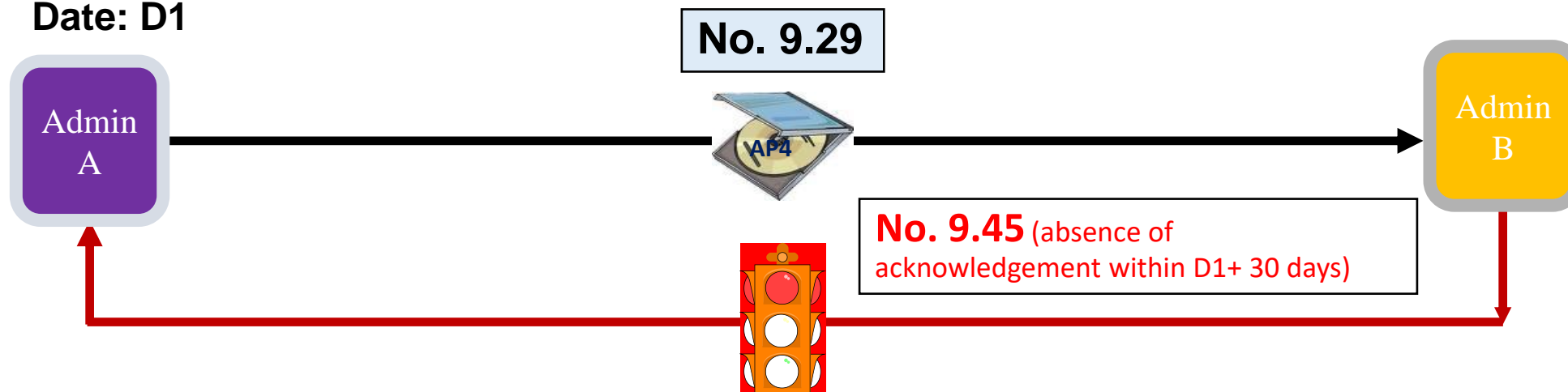
Admin A: Administration seeking coordination

Admin B: Administration receiving the request for coordination

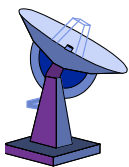
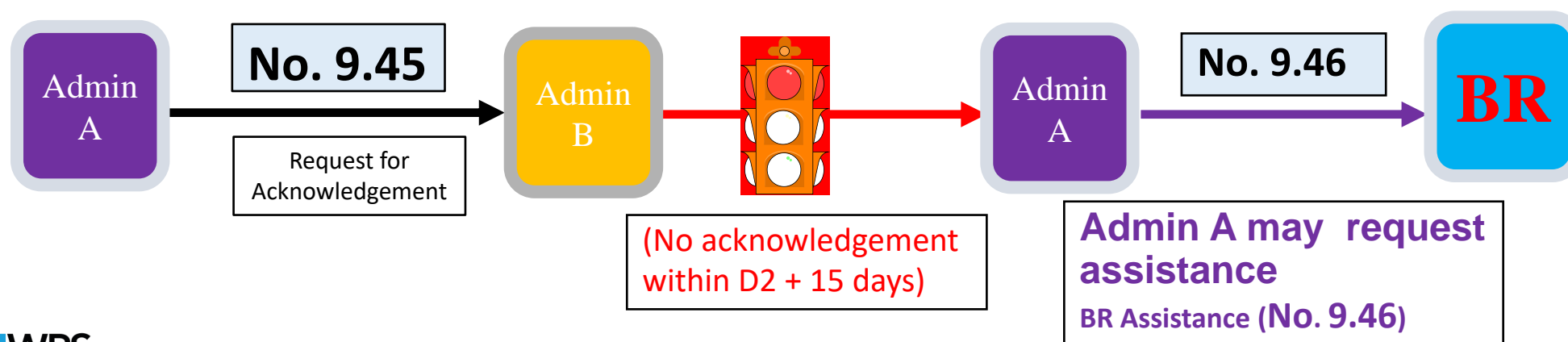
No. 9.51A

Scenario for Requesting Assistance under No. 9.46 during coordination of earth stations

Date: D1



Date: D2



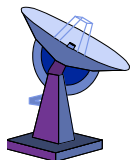
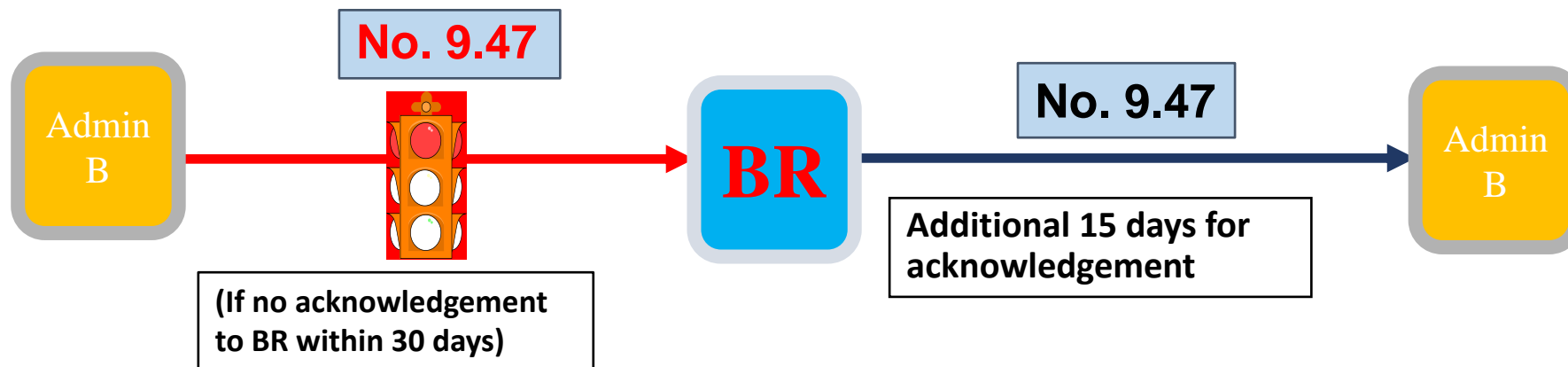
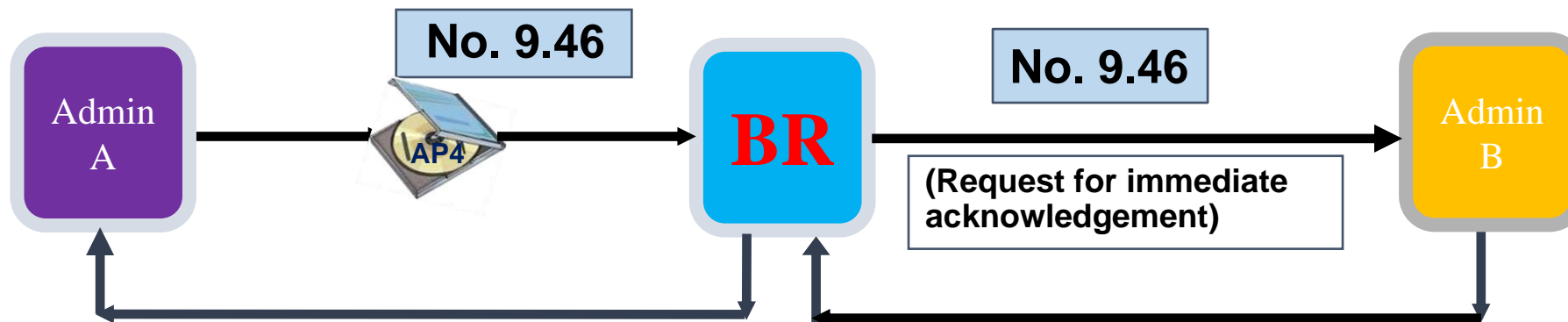
Summary of the Scenario for Assistance Request under No. 9.46

No acknowledgement of receipt of coordination data to Administration A within 30 days from the date of its request for coordination.

- Administration A sends a telegram to Administration B requesting immediate confirmation.
- If there is still no acknowledgement of receipt within next 15 days of its second request under No. 9.45.
- ❖ Hence Administration A may seek the Assistance of the Bureau.

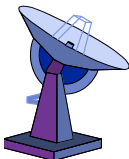


Processing of common cases of Assistance Request under No. 9.46

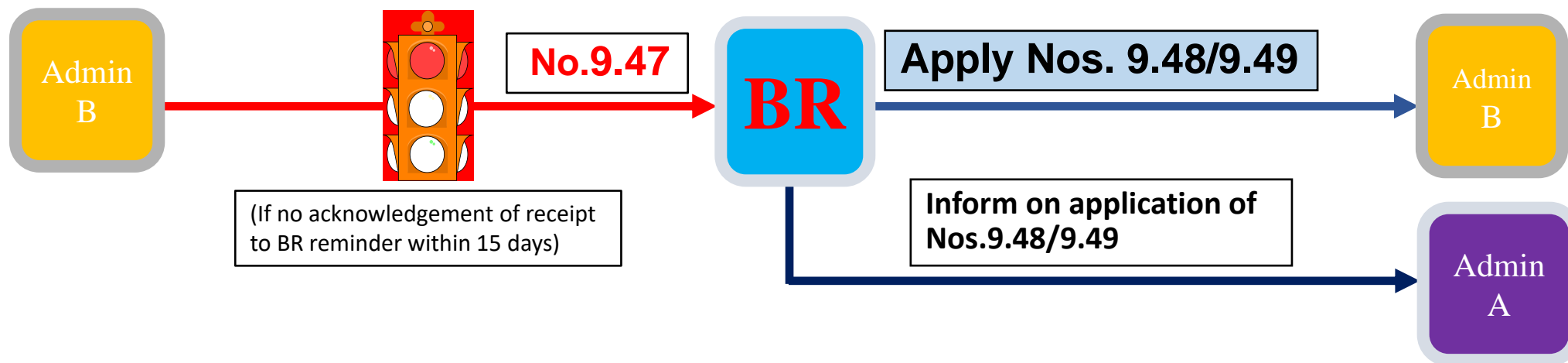


Summary of the Process of Assistance Request under No. 9.46

- ❖ Upon receipt of the assistance request from Administration A, the Bureau shall request Administration B for immediate acknowledgement within 30 days.
- ❖ Bureau informs Administration A on measures taken.
- ❖ If there is no acknowledgement of receipt within 30 days after Bureau's action under No.9.46, Bureau shall immediately send a reminder providing additional 15 day-period for the response
- ❖ Bureau forwards any response to Administration A for further action in completing coordination.




Actions taken by Bureau in case of no acknowledgement of receipt of Assistance Request under No. 9.46

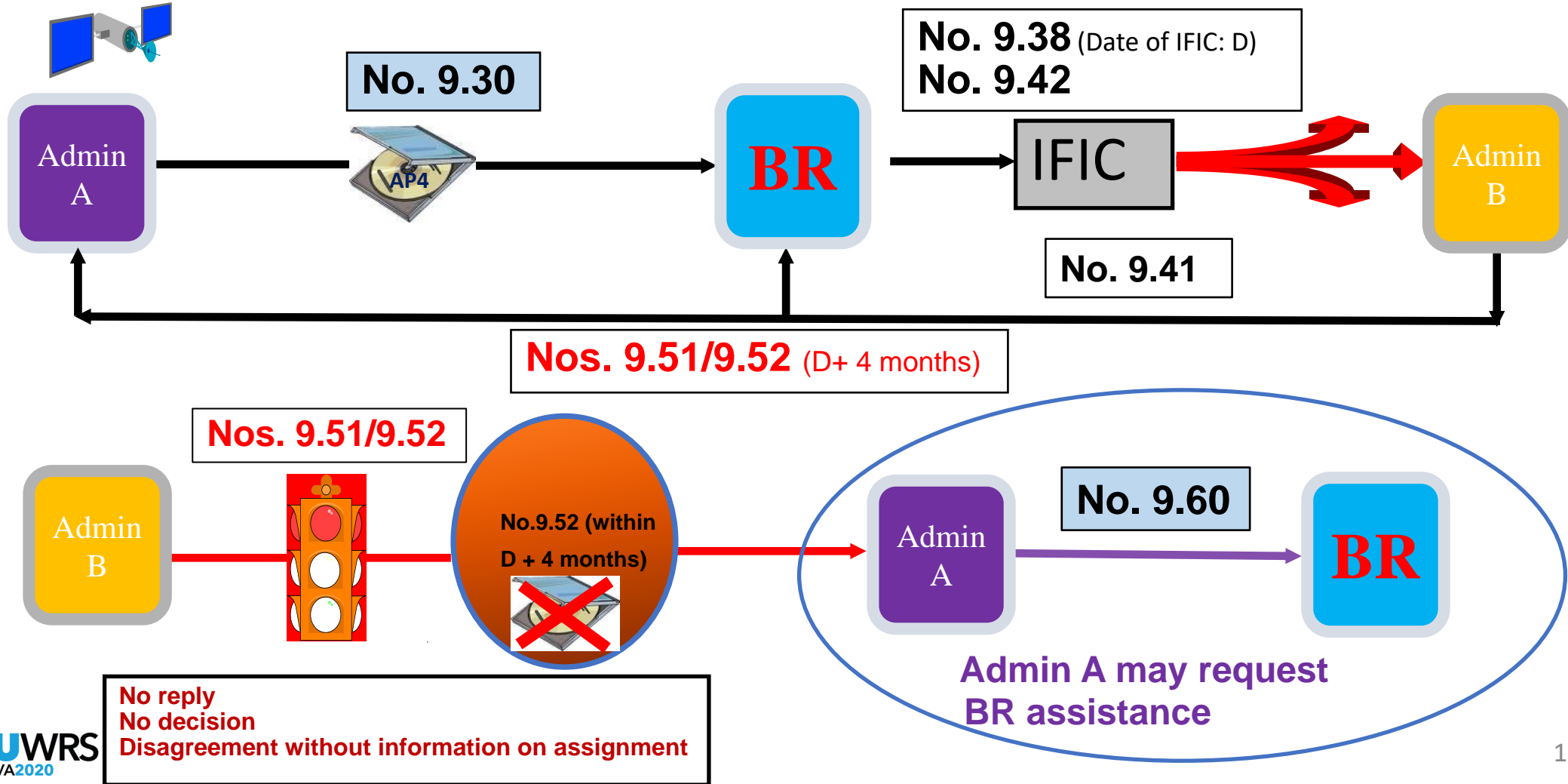


Consequences for Administration B in case of no acknowledgement of receipt of Assistance Request under No.9.46

No acknowledgement of receipt from Administration B within 15 days of Bureau's reminder, the Bureau applies Nos.9.47 to 9.49

- No.9.48: *That no complaint will be made in respect of any harmful interference affecting its own assignments which may be caused by the assignment for which coordination was requested; and*
- No.9.49: *That the use of its own assignments will not cause harmful interference to the assignment for which coordination was requested.*
- Bureau informs concerned Administrations.
- This information will be reflected in notification stage by N/9.15|O|B, N/9.17|O|B, or N/9.17A|O|B. 

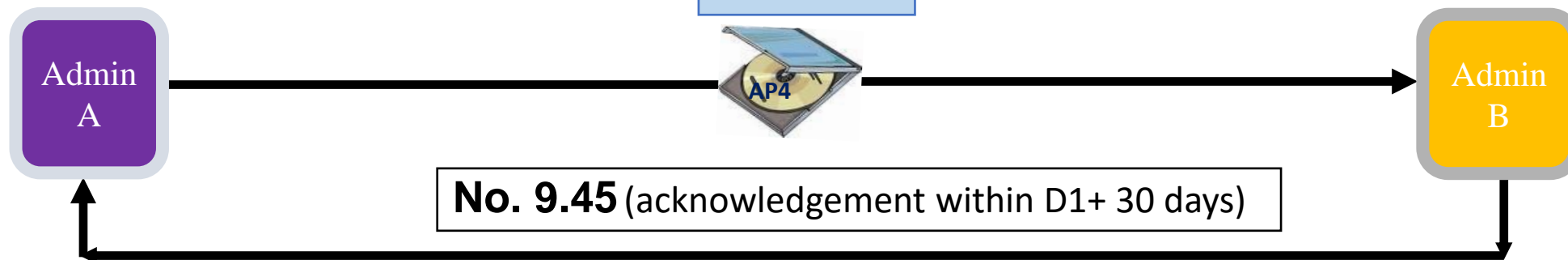
Scenario for Requesting Assistance under No. 9.60 during Coordination of space stations in non-planned Services



Scenario for Requesting Assistance under No.9.60 during Coordination of earth Stations

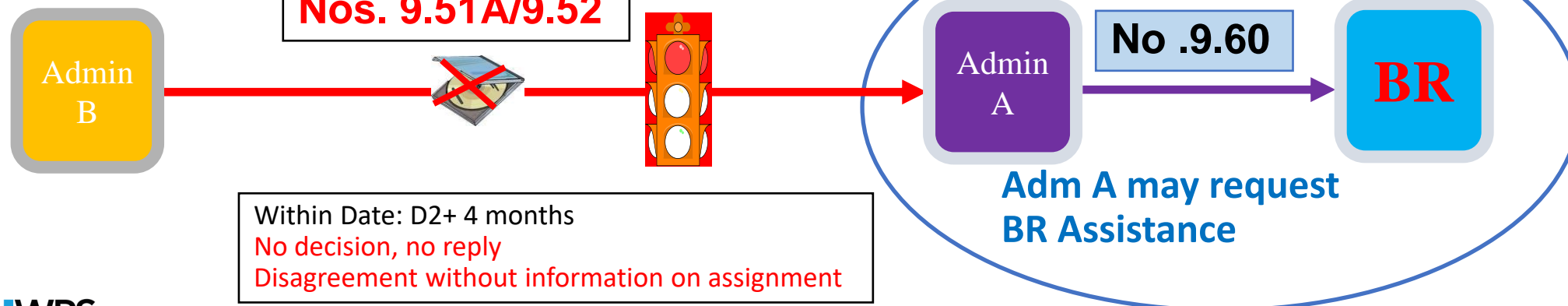
Date: D1

No. 9.29

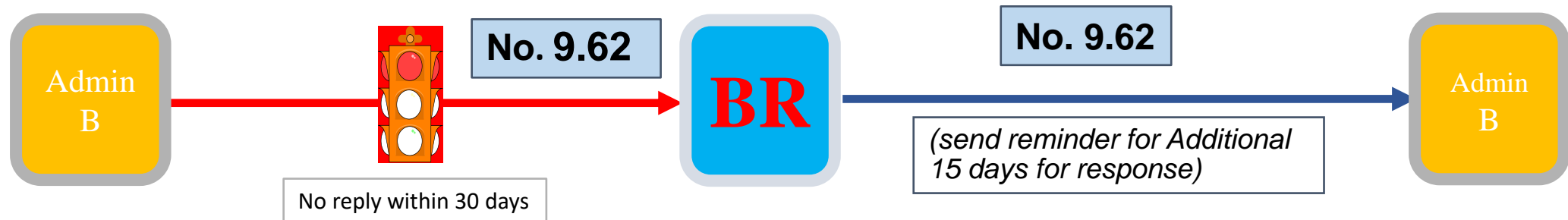
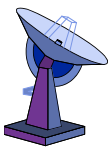
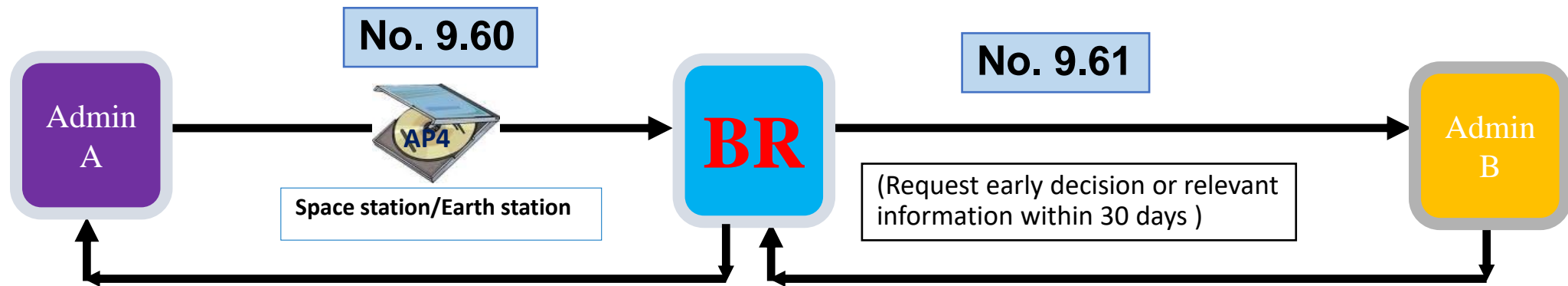
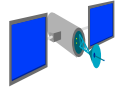


Date: D2

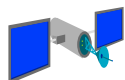
Nos. 9.51 A/9.52



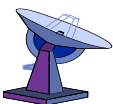
Processing of common cases of Assistance Request under No.9.60 during Coordination of earth stations or space stations in the non-planned services



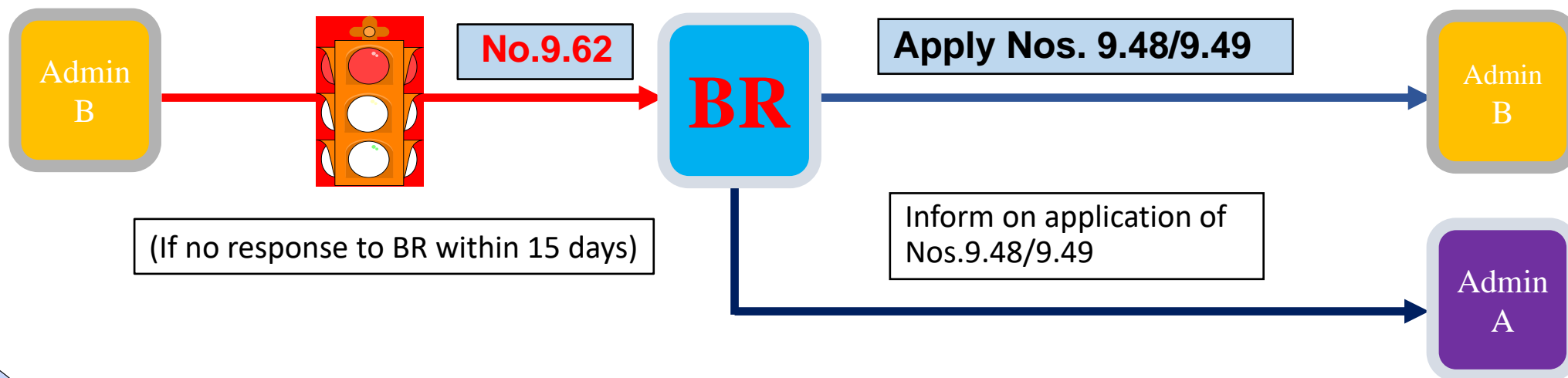
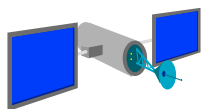
Summary of the process of Assistance Request under No.9.60



- ❖ On receipt of the request for assistance from Administration A Bureau shall immediately request Administration B under No.9.61 to give an early decision on the matter or provide relevant information on its assignments within 30 days.
- ❖ Bureau informs Administration A on measures taken.
- ❖ If Administration B fails to reply within 30 days after Bureau's action under No.9.61, Bureau shall immediately send a reminder providing additional 15-day period for the response.
- ❖ Bureau forwards any response, conditional agreement or even disagreement to Administration A for further action in completing coordination.





Actions taken by Bureau on Assistance Request under No. 9.60 in case of no reply, no decision or disagreement without providing information in the non-planned services

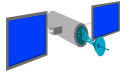


Consequences for Administration B in case of no reply on Assistance Request under No.9.60

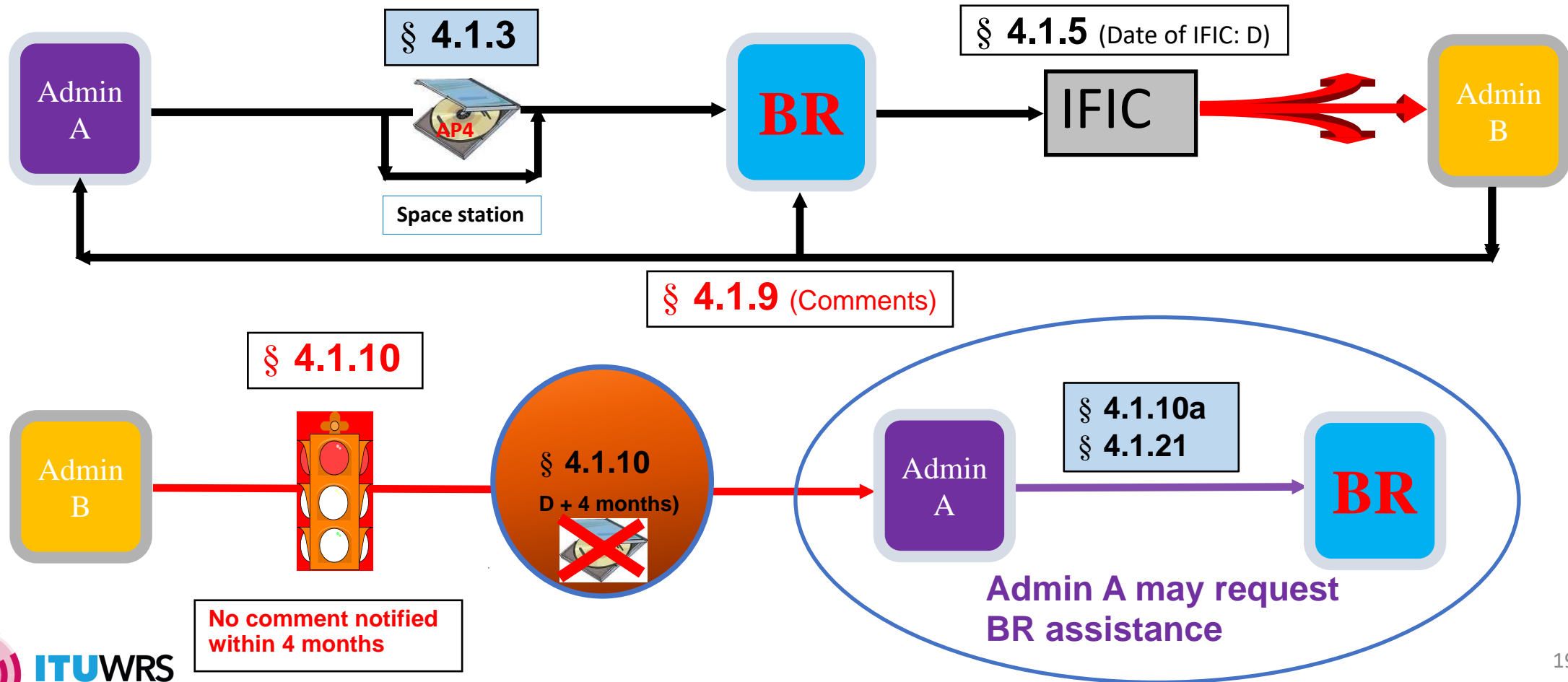
If Administration B still fails to respond after Bureau's reminder within the 15 days, the Bureau applies Nos.9.48 and 9.49 under which Administration B is deemed to have undertaken that:

- ***No.9.48: No complaint will be made in respect of any harmful interference affecting its own assignments which may be caused by the assignment for which coordination was requested; and***
- ***No.9.49: The use of its own assignments will not cause harmful interference to the assignment for which coordination was requested.***
- ***Bureau informs all concerned Administrations***
- **This information will be reflected in notification stage by:**
- **N/9.7|O|B; N/9.7A|O|B; N/9.7B|O|B for space stations** 
- **N/9.15|O|B, N/9.17|O|B or N/9.17A|O|B for earth stations** 

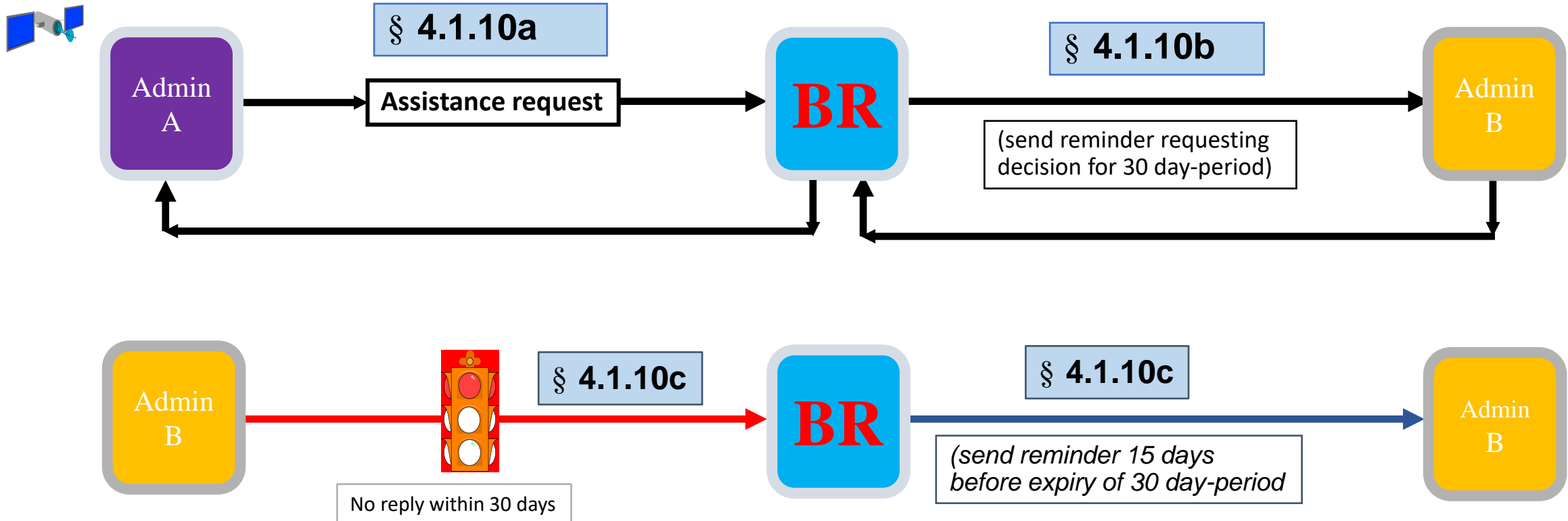




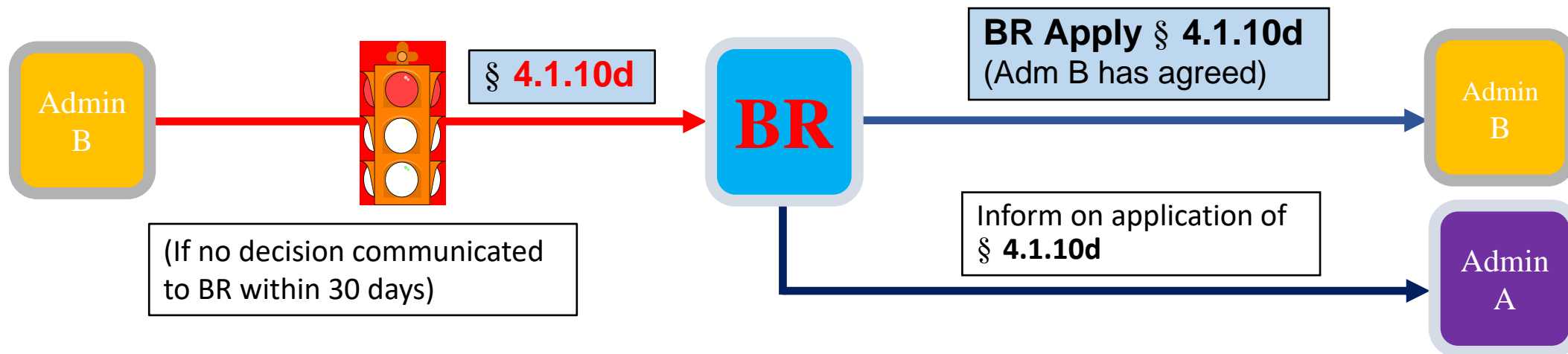
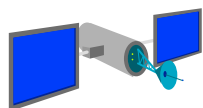
Scenario for Requesting Assistance under § 4.1.10a of Article 4 of (AP30/30A) during procedures for modifications or additional uses in BSS Pans (R1 & R3)



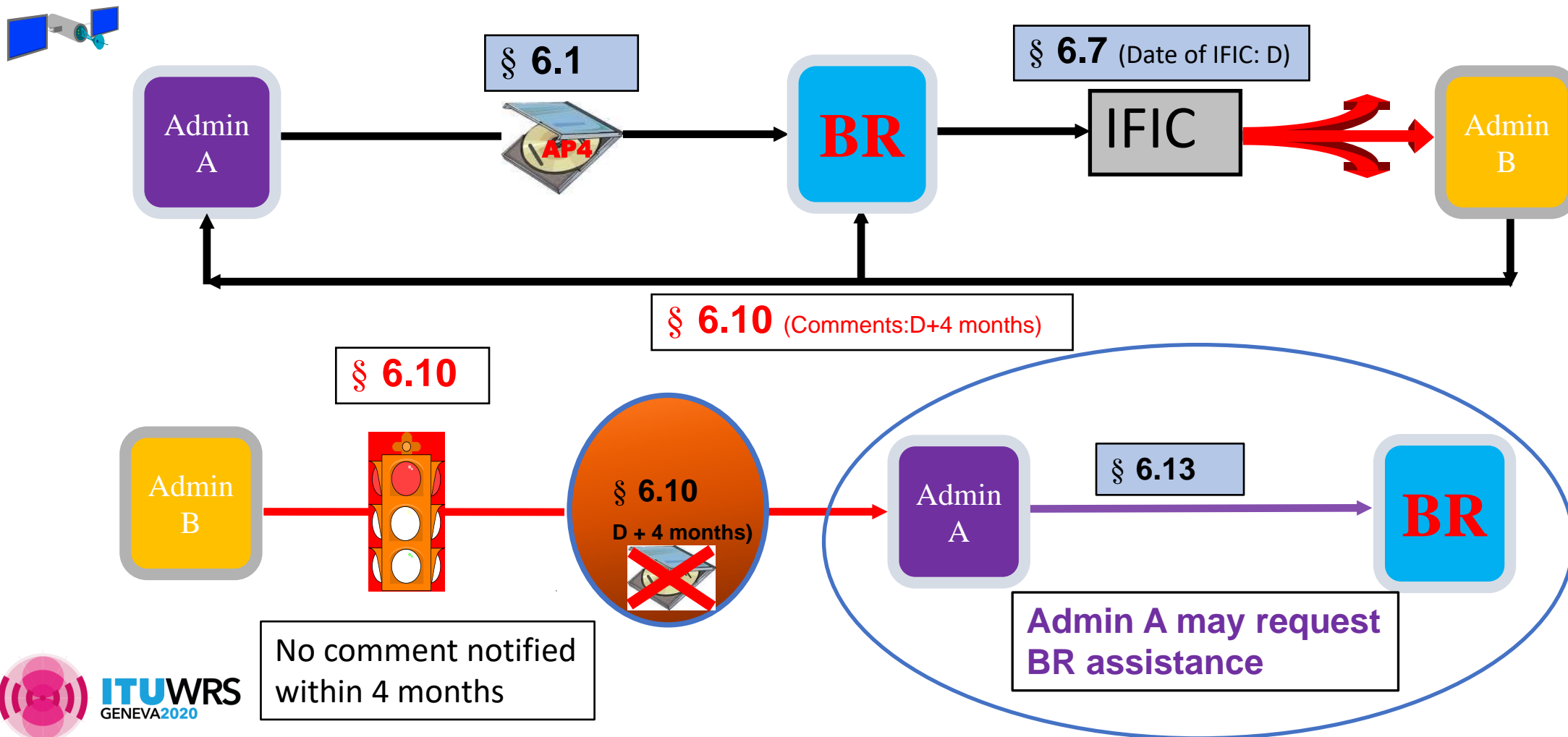
Processing of common cases of Assistance Request under § 4.1.10a of Article 4 of AP30/30A during procedures for modifications or additional uses in the planned services (R1 & R3)



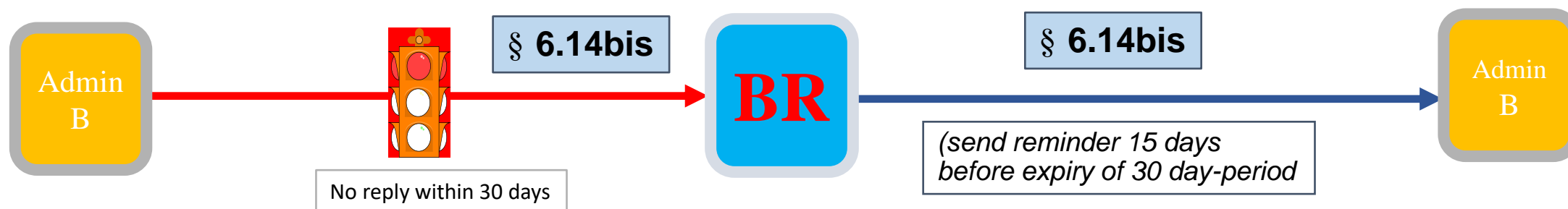
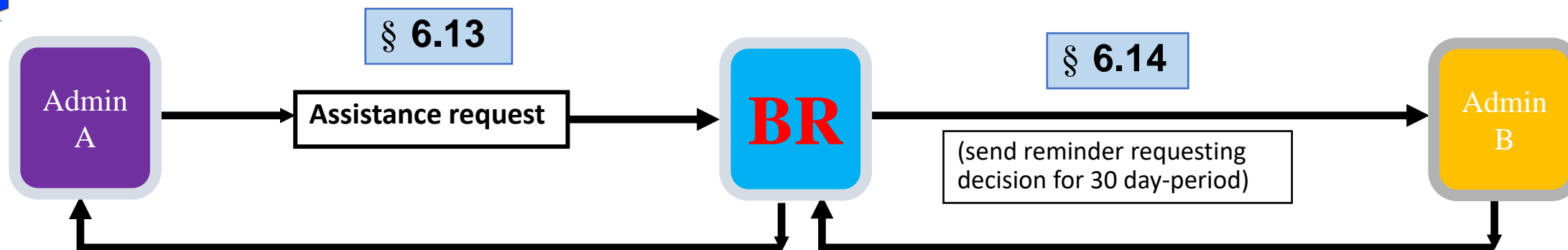
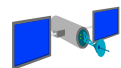
Actions taken by Bureau on Assistance Request under § 4.1.10a in case of no reply, during procedures for modifications or additional uses in AP30/30A Plans in Regions R1 & R3)



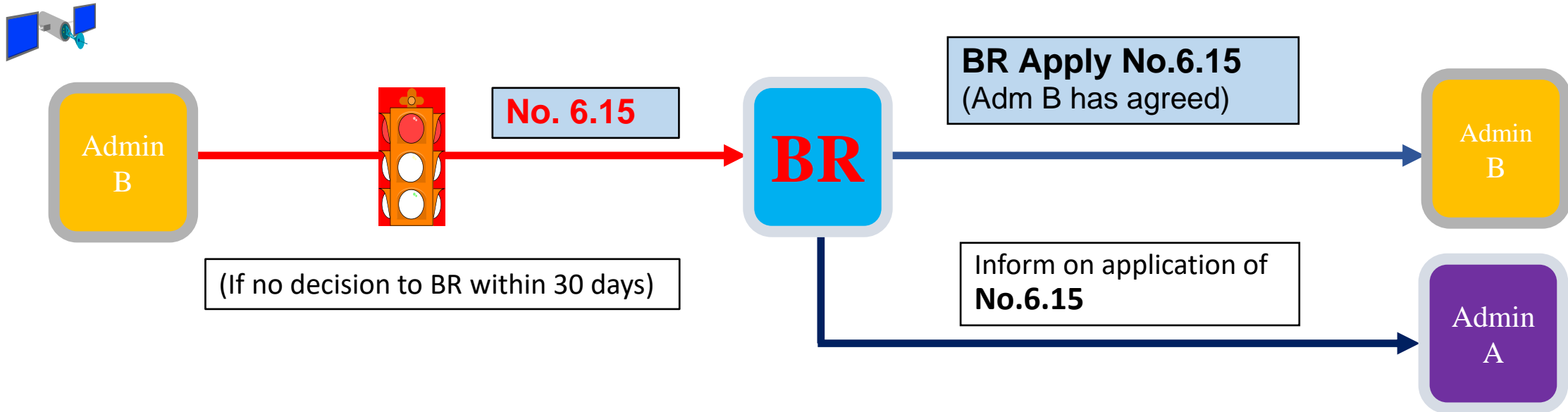
Scenario for Requesting Assistance under § 6.13 of Article 6 of AP30B during conversion of an allotment, or introduction of an additional system or modification of an assignment in the List



Processing of common cases of Assistance Request under § 6.13 of Article 6 of AP30B during conversion of an allotment, or introduction of an additional system or modification of an assignment in the List



Actions taken by Bureau on Assistance Request under § 6.13 of AP30B in case of no reply, during procedures for conversion, introduction of additional system, or modification of an assignment in the FSS Plan



Assistance under Nos.9.33/13.1

Direct communication not possible

For Example:

- If Administration A is unable to act under No.9.29, it shall seek the assistance of the Bureau.
- Bureau shall then send the request for coordination to Administration B and take any further necessary actions under Nos.9.45 and 9.46 as appropriate.
- No.9.61 applies only if Administration B fails to give agreement or disagreement with information on its own assignments.
- No.13.1 applies in case of request due to other difficulties

Assistance under No.9.63 ⁽¹⁾

CONTINUING DISAGREEMENT

Bureau's examination under No.11.32A may be sought (No.9.65)
and will act in accordance with No.11.38

V/11.32A|V|B for favourable finding

X/11.32A|X|B for unfavourable finding

- ✓ by either of the administrations involved in the coordination process; or
- ✓ when administrations involved follow the required coordination procedure and at the end there is still continuing disagreement.
- ✓ Administration A may request at the notification stage application of **No.11.41** for recording in MIFR
- This information will be reflected by 11.41/9.7|X|B

Assistance under No.9.63 ⁽²⁾

CONTINUING DISAGREEMENT

(Analysis of probability of harmful interference C/I calculation)

The Bureau assesses the interference as provided in PART B, Section B3 of Rules of Procedure, for which the administrations concerned have to provide information in addition to that provided under Appendix 4 such as.

- agreed criteria for the acceptable interference
- Modulation characteristics

Recommendation ITU-R S.741-2 is used to examine the probability of harmful interference with respect to coordination of the networks under No.9.7 and the conclusions are communicated to concerned Administrations.

Special Assistance under No.7.6

An administration in need of special assistance may request the Bureau under the provisions of No.7.6

- ❖ Results of AP8 analysis**
- ❖ Preparation of the coordination contour**
- ❖ Clarification of Rules of Procedure**
- ❖ Any other requirement of technical nature**

Assistance under Res 22 (WRC-19)

(limiting the use of unauthorized uplink transmissions from earth stations)

Upon receipt of information from an administration detecting an unauthorized uplink transmission from its territory:

- **Bureau will inform Members states and satellite operating agencies;**
- **Work with involved administrations in order to resolve the matter;**
- **Assist by obtaining cooperation from administrations in identifying unauthorized earth stations with monitoring or geolocation service.**

IMPORTANT POINTS TO NOTE

- *Provide a copy of the notice forms to Bureau while requesting for assistance.*
- *Provide details of correspondences with other administrations while requesting for assistance.*
- *Provide relevant reply within 30 days when requested, **if not within Additional 15 days such as:***
- **Acknowledgement of coordination request or; Decision or; Information about assignments on which your disagreement is based.**

***Our Goal is to render any assistance requested
in the application of the Radio Regulations***

Thank you!

ITU – Radiocommunication Bureau

Questions to brmail@itu.int