



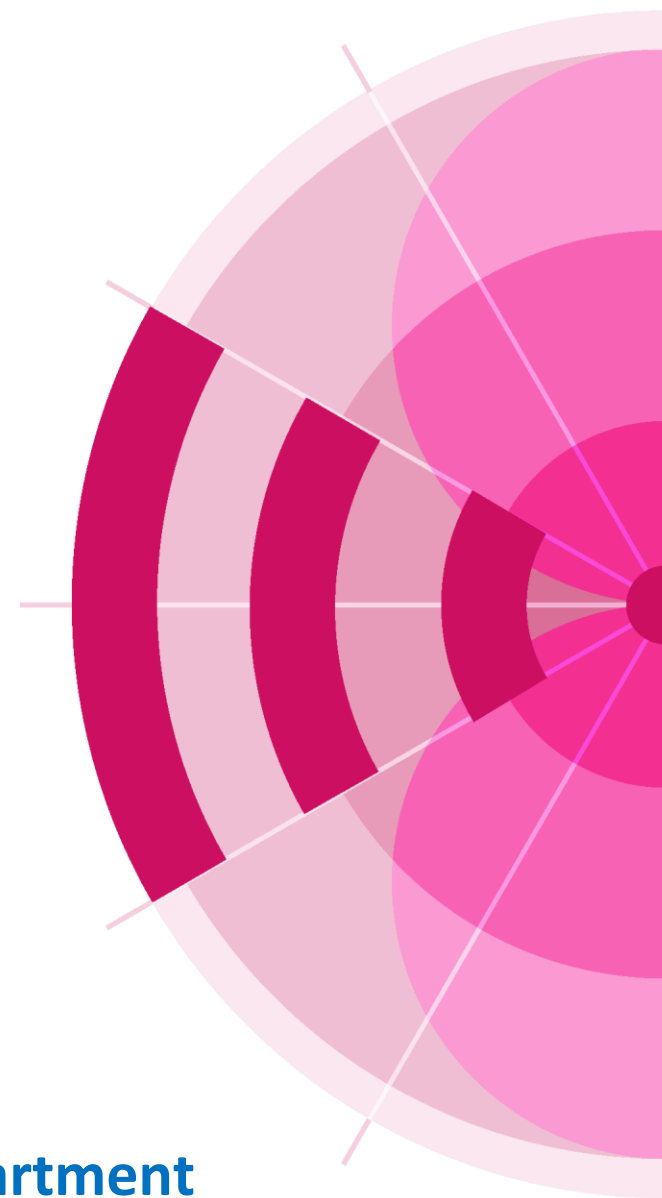
ITUWRS
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WRC-19 decisions concerning AP30B

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Main changes in Appendix 30B

- ✓ Possibility to submit a sub-band in the 12-13/10-11GHz band
- ✓ § 6.21c) 2nd examination to consider the final characteristics of affected assignment
- ✓ Revised Annex 3 pfd limits (hard limits)
- ✓ Revised Annex 4 coordination criteria
- ✓ Resolution 170 – to facilitate the entry in the List for national or sub-regional usage
- ✓ § 6.16 relocation of downlink test-points
- ✓ Agreement obtained for a specified period
- ✓ Single and simultaneous submission of notices for Article 8 and Article 6 (A6B)

Possibility to submit a sub-band in the 12-13/10-11GHz band

Before WRC-19

- It was not possible to submit a notice under Article 6 with only one sub-band without evoking the shared use
- If a sub-band was not brought into use it was deleted from the Master Register

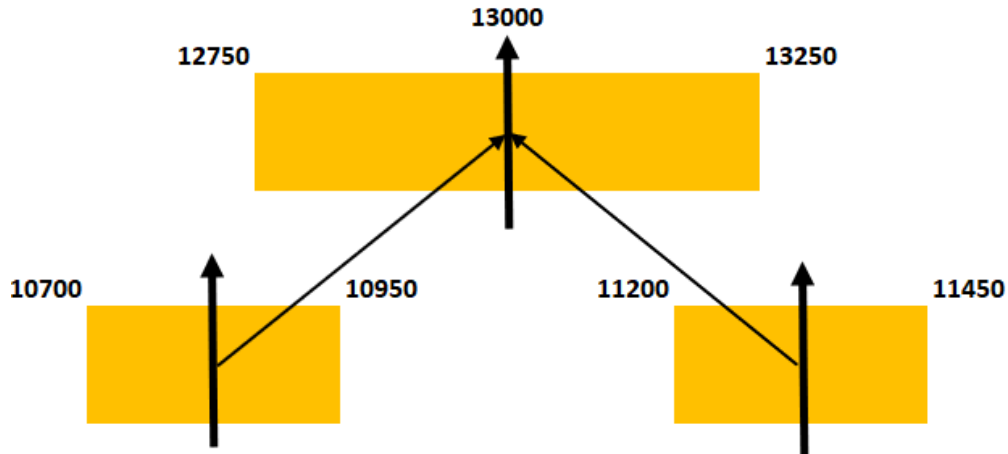
After WRC-19

- It is possible to submit a notice under Article 6 with only one sub-band
- If a sub-band is not brought into use within the 8 years or brought back into use within the suspension period, it is deleted from the Master Register **and from the List**

Possibility to submit a sub-band in the 12-13/10-11GHz band

Implementation: Split 12.75-13.25 GHz and 10.7-10.95/11.2-11.45 GHz bands

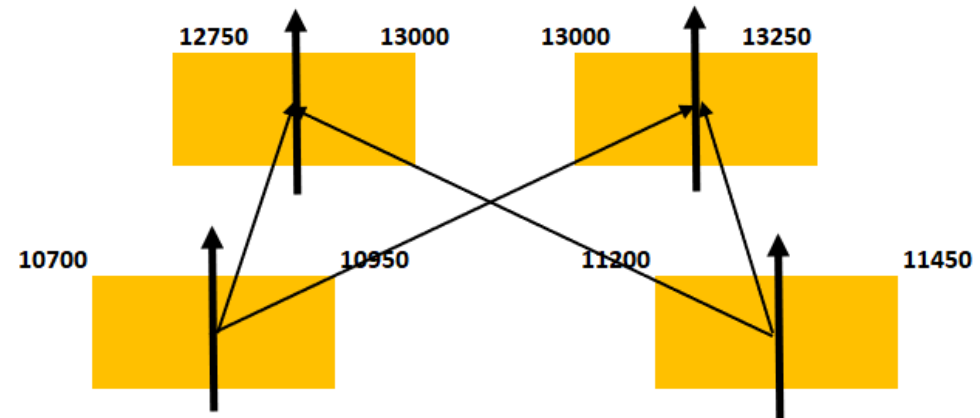
Before WRC-19



Criteria	Symbol	Frequency band (GHz)
Overall Aggregate C/I	13/11	12.75 – 13.25/11.20 – 11.45
	13/10	12.75 – 13.25/10.70 – 10.95

2 single entry C/I

After WRC-19



Criteria	Symbol	Frequency band (GHz)
Overall Aggregate C/I	12/10	12.75 – 13.00/10.70 – 10.95
	13/11	13.00 – 13.25/11.20 – 11.45
	12/11	12.75 – 13.00/11.20 – 11.45
	13/10	13.00 – 13.25/10.70 – 10.95

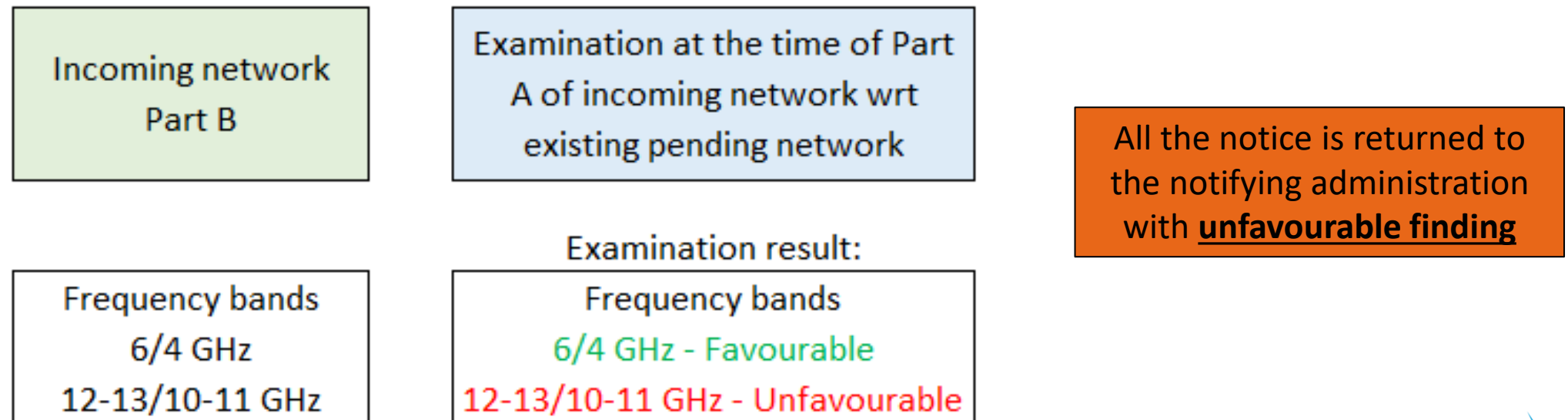
4 single entry C/I

§ 6.21c) 2nd examination to consider the final characteristics of affected assignment

Under §6.21 the Part B of an incoming network is examined to establish if the coordination requirements established at the time of Part A examination are met with the final characteristics of affected assignments.

Before WRC-19

If at the time of Part A examination the incoming Part B network affects an existing **pending** network, the results are unfavourable even if in the meantime the affected network entered in the List with different characteristics.

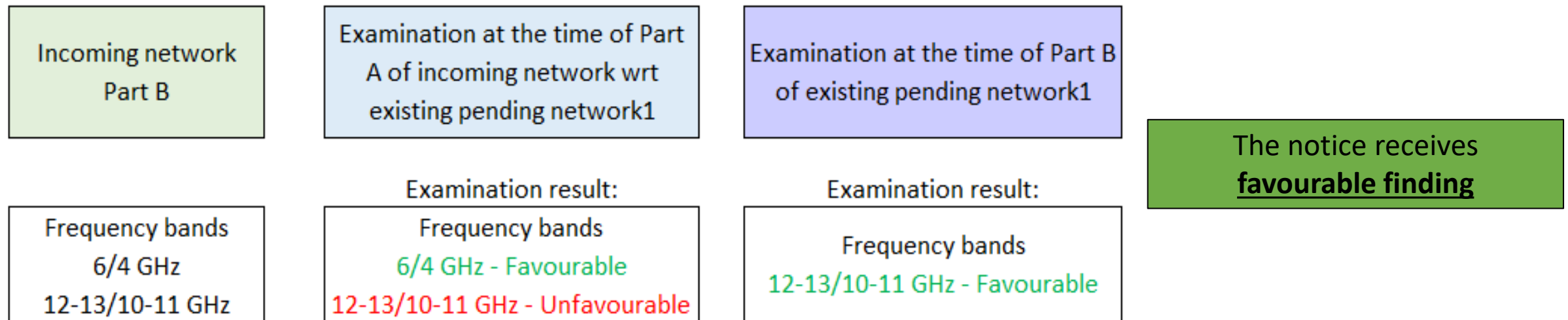


§ 6.21c) 2nd examination to consider the final characteristics of affected assignment

Under §6.21 the Part B of an incoming network is examined to establish if the coordination requirement established at the time of Part A are met with the final characteristics of affected assignments.

After WRC-19

If the affected pending network **has entered in the List** before the submission of the Part B of the incoming network, the incoming network it is examined also with respect to the final characteristics of the affected network.



Revised Annex 3 pfd limits (hard limits)

Annex 3 Limit				
Frequency band	WRC-07		WRC-19	
	Coord arc	Pfd limits [dBW/(m2*MHz)]	Coord arc	Pfd limits [dBW/(m2*MHz)]
12.75 - 13.25 GHz	9°	-133	6°	-133
6725 - 7025 MHz	10°	-140	7°	-140
10.70-10.75 / 11.20-11.45 GHz	9°	-114	6°	-118.4
4500 - 4800 MHz	10°	-127.5	7°	-131.4

Revised Annex 4 coordination criteria

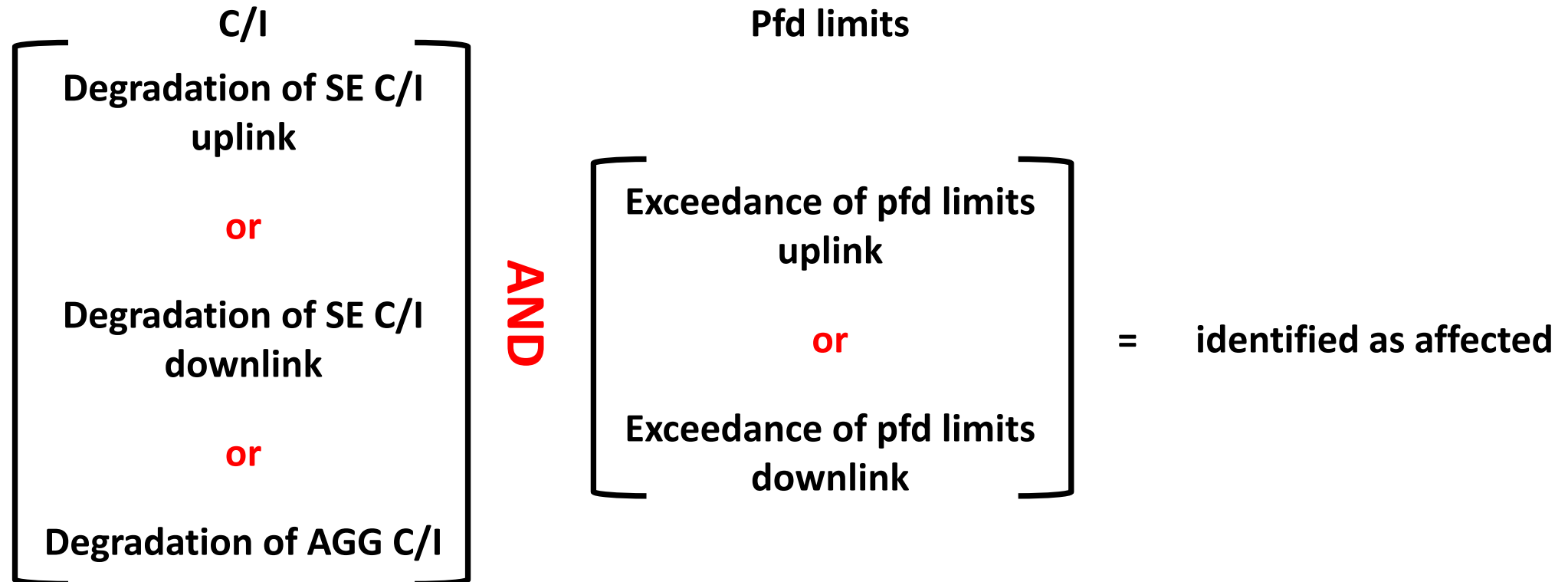
WRC-07

C/I

[Degradation of SE C/I uplink
or
Degradation of SE C/I downlink
or
Degradation of AGG C/I] = identified as affected

Revised Annex 4 coordination criteria

WRC-19



Resolution 170

Resolution 170 is a special procedure applicable only once by administrations for introduction of an additional system in AP30B List or for conversion of allotment into assignment.

Who can apply?

- An administration or a group of administrations having no assignment in the List of Appendix 30B or assignment submitted under § 6.1 of Appendix 30B for the introduction of an additional system or conversion of an allotment beyond the envelope.

What if an Administration has already submitted a A6A notice?

- It may withdraw the existing A6A submission in order to apply this procedure. If it is a group of administrations all of them have to withdraw the existing A6A submissions.
- It may also modify the characteristics at the time of the submission of Part B in order to make it compliant with Resolution 170 as long as the modifications are inside the envelope of the A6A submission.

What are the conditions to be satisfied?

Coverage and service area restricted to the territories of applying administrations and same test-points as allotment(s)

Resolution 170

Resolution 170 is a special procedure applicable only once by administrations for introduction of an additional system in AP30B List or for conversion of allotment into assignment.

What are the advantages?

- The submission is treated ahead of other submissions not yet processed under §6.3
- Relaxed criteria for coordination requirement with respect to specific kind of networks
- If §6.25 is applied and the new assignment in the List has been in use, together with the assignment which was the basis for the disagreement, for at least four months without any complaint of harmful interference, the affected administration is deemed to have agreed and §6.29 is not applicable
- If §6.25 is applied and there is no agreement about the condition of operation of the 4 months above, the notifying administration of the incoming network may seek the assistance of the Bureau (§12 to § 14 of Resolution 170).

§ 6.16 relocation of downlink test-points

§6.16 : An administration can at any time ask to be excluded from the service area of a satellite network even if they gave agreement in the past.

Before WRC-19

When applying §6.16, the Bureau deleted all the test points (uplink and downlink) of the requesting administration from the concerned satellite network

After WRC-19

The Bureau will still delete uplink test-points but will ask the notifying administration of the concerned satellite network if **it wants to relocate the downlink test-points.**

Agreement obtained for a specified period

After WRC-19

An administration can give an agreement for a fixed time period. After the expiry of the agreement, if the agreement is not renewed, the network will be deleted if the 8 years regulatory time limit has expired

Single and simultaneous submission of notices for Article 8 and Article 6 (A6B)

After WRC-19

Administration can submit a unique notice to be examined under Article 6 and Article 8.

IMPORTANT: the unique notice to be submitted is the one **under Article 8**. The Bureau will then convert this notice in an Article 6 notice

Thank you!

ITU – Radiocommunication Bureau

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