



World Radiocommunication Seminar 2016

Summary of WRC-15 decisions on Plans

Presentation located at:
[USB drive]:\Space Workshop
\06-Plans-and-Lists-AP30-30A

Thong Pham Viet
Space Services Department
Radiocommunication Bureau
International Telecommunication Union



Major WRC-15 decisions on Plans



- **As from 01.01.2017, Administrations can submit up to 100 test points for each service area (Appendices 30/30A/30B).** (cf Appendix 4 item C.11.a)

Before 01.01.2017				After 01.01.2017			
<u>Satellite Beam 1</u>				Satellite Beam 1			
Grp 1	20 TP	<u>Area 1</u>		Grp 1	100 TP	<u>Area 1</u>	
Grp 2	20 TP	Area 2					
Grp 3	20 TP	Area 3					
Grp 4	20 TP	Area 4					
Grp 5	20 TP	Area 5					



Major WRC-15 decisions on Plans



- **Commenting Procedure for Regions 1 and 3 (Appendices 30 and 30A)**
 - **Implicit agreement** has been replaced with **Explicit agreement**
 - Applied to Article 4 networks (Part A) and Article 2A networks published as of 01.01.2017 (cf Circular Letter CR/400 of 13 May 2016)
 - No submission of comments with SpaceCOM
 - Similar to Appendix **30B** commenting procedure

4.1.10 An administration that has not notified its agreement either to the administration seeking agreement or to the Bureau within a period of four months following the date of the BR IFIC referred to in § 4.1.5 shall be deemed to have **NOT AGREED** to the proposed assignment unless the provisions of § 4.1.10a to 4.1.10d and § 4.1.21 are applied.



Major WRC-15 decisions on Plans



- **ALL analogue assignments contained in the Regions 1 and 3 Plan and List will be converted to digital assignments (Res. 556 (WRC-15))**
 - Circular Letter CR/400 of 13 May 2016
 - **SPS_ALL_2836** database in BR IFIC 2836 of 10 January 2017
 - Article 4 networks in Regions 1 and 3 submitted after 01.01.2017 can contain wideband carriers (i.e. greater than 85 MHz)



Major WRC-15 decisions on Plans



➤ Agreement provided under § 4.1.11 of Appendices 30 and 30A in case of increase of interference due to modified characteristics

- If Part B causes more interference than Part A:
- BR requests the notifying administration to:
 - *Modify Part B so that it causes less interference than Part A; or*
 - *Provide an agreement in this regard.*

WRC-15 confirmed the practice of the Bureau to accept an agreement provided under § 4.1.11



Major WRC-15 decisions on Plans



➤ 14.5-14.8 GHz:

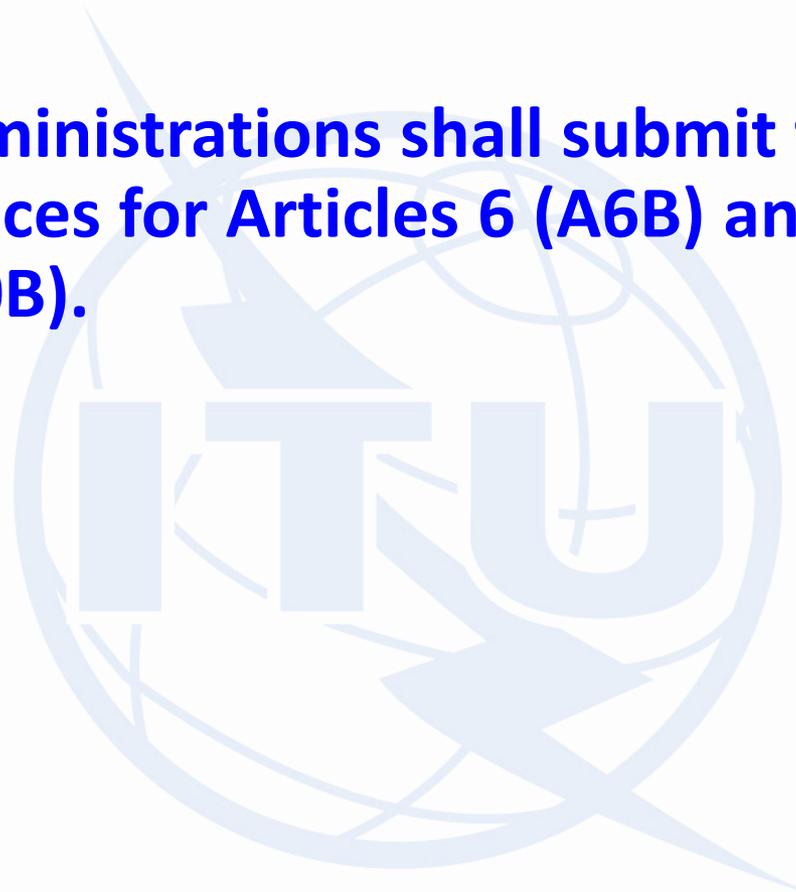
- Before WRC-15, the use of this band by FSS (Earth-to-space) was limited to feeder-links for the broadcasting-satellite service outside Europe.
 - *In Regions 1 and 3: Associated BSS feeder-link subject to Appendix 30A*
 - *In Region 2: non-planned BSS feeder-link subject to Articles 9 and 11*
- After WRC-15, this band can also be used for FSS (not just for BSS feeder-link):
 - *14.5-14.75 GHz (250 MHz) in certain countries in Region 2 as indicated in Res. 163*
 - *14.5- 14.8 GHz (300 MHz) in certain countries in Region 3 as indicated in Res. 164*
 - *Coordination between Article 4 networks in Regions 1 and 3 with respect to this new FSS allocation: Delta T/T*
 - *Coordination between New allocation with respect to Plan/List: Uplink PFD trigger limit. (Section 3 of Annex 4 to Appendix 30A)*



Major WRC-15 decisions on Plans



- **Notifying administrations shall submit to the Bureau separate notices for Articles 6 (A6B) and 8 (Notification) (Appendix 30B).**





Major WRC-15 decisions on Plans

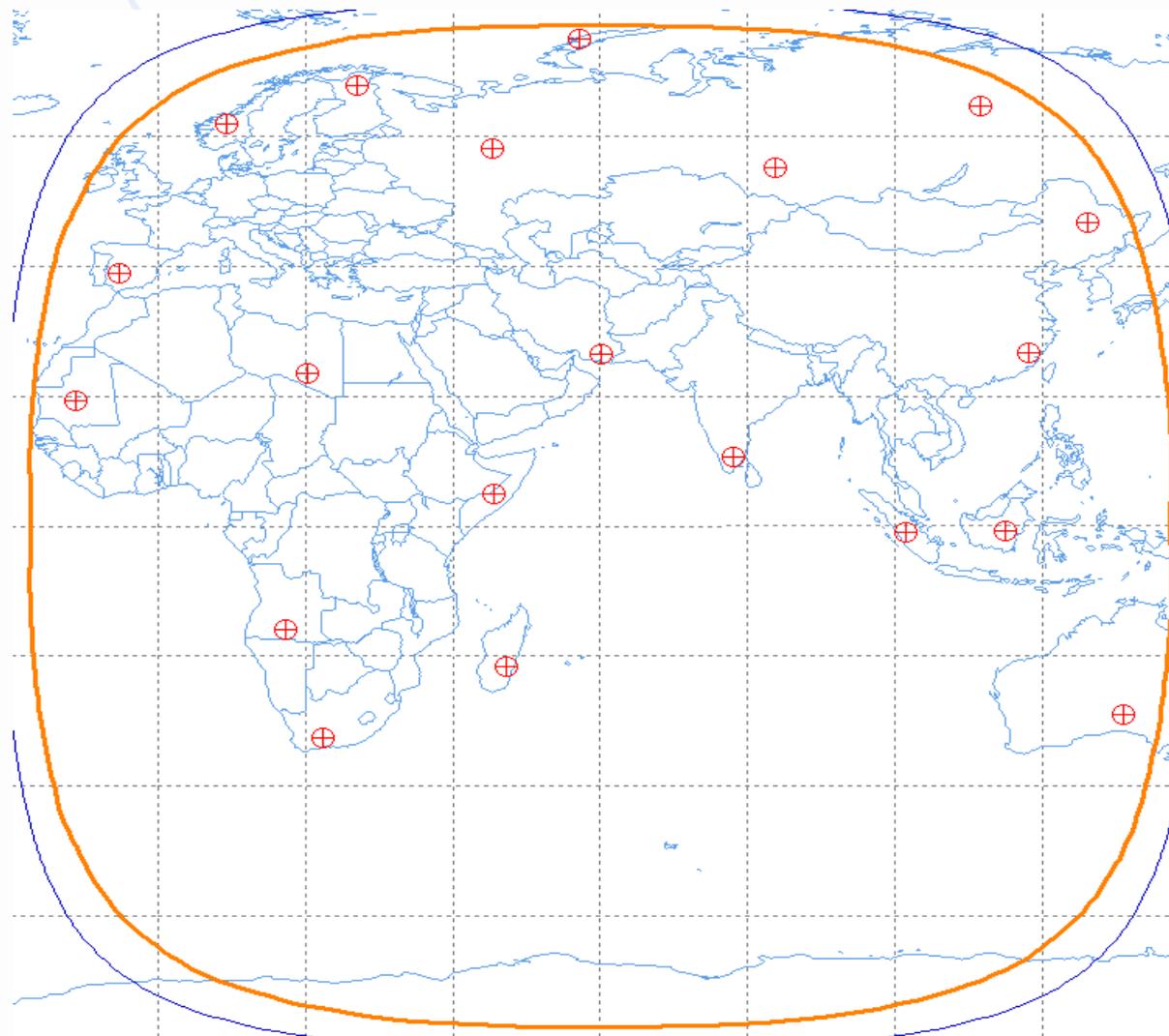


- **Bringing into use, suspension & resumption procedures aligned with non-planned band procedures**



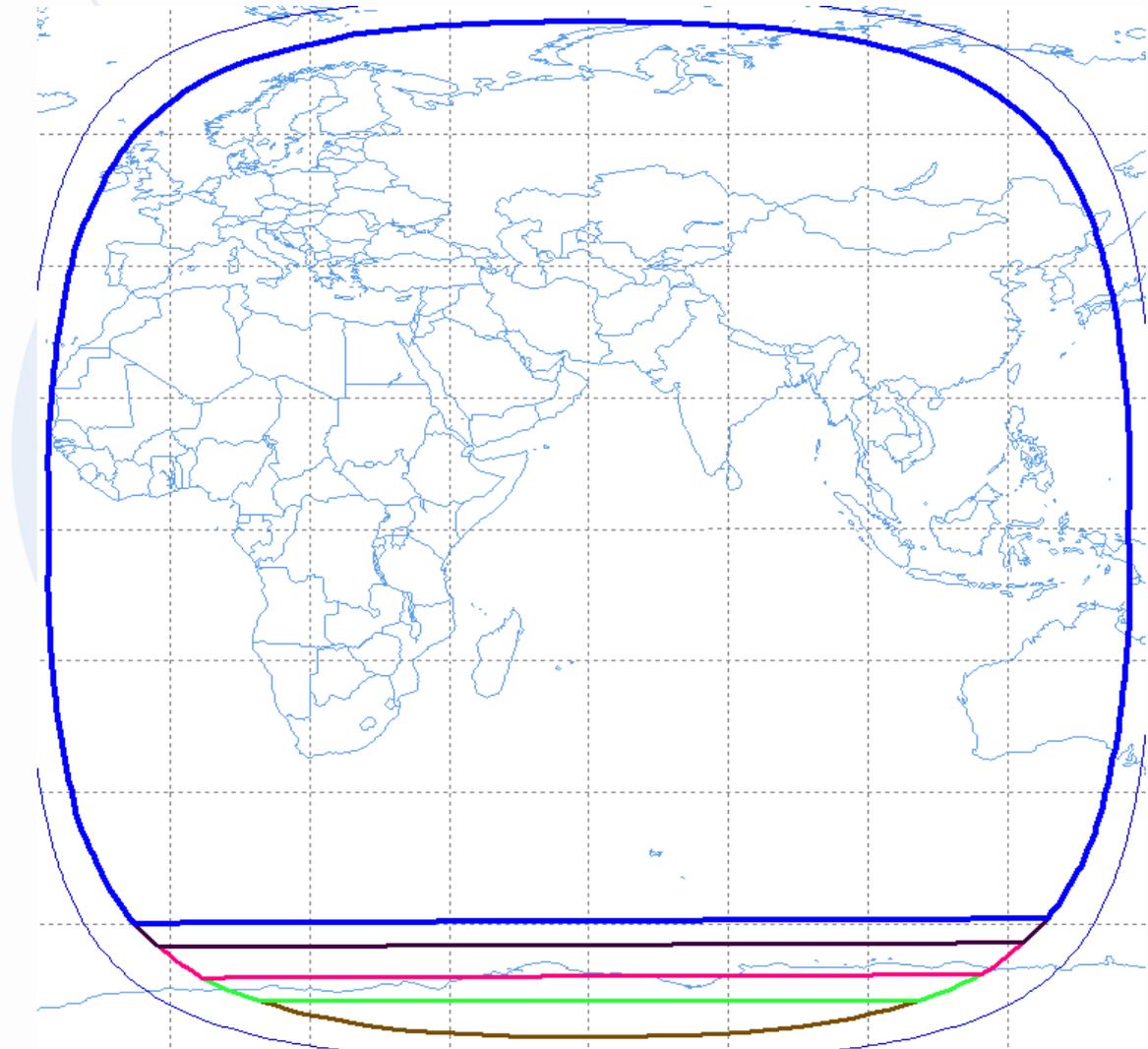


Service Area





Service Area





Service Area

