



# World Radiocommunication Seminar 2016

## SPECIAL SESSION FSS Plan – Appendix 30B (A6B)

### Elements for Examination of Entry in the List

- Information only -

**Véronique Glaude**  
Space Services Department  
International Telecommunication Union



# Examination for Entry in the List AP30B/A6B – advanced level



- **The aim of this presentation is to provide some elements to remember during examination to help the Notifying Administrations to obtain favorable findings and reduce the risk of having their notice submitted under 6.17 published “returned”**
- **It is addressed to persons having already an advanced knowledge and practice of the examination of frequency assignments to enter in the List (AP30B/A6B)**
- The general information for beginners about the examination for entry in the List is available in the ITU BR Space E-learning presentation from slide 24:  
  
[http://www.itu.int/en/ITU-R/space/elearning/presentations/UIT\\_SSD\\_113.pdf](http://www.itu.int/en/ITU-R/space/elearning/presentations/UIT_SSD_113.pdf)
- **Language:**
  - before WRC-07, “Part B” was referring to “existing systems” of the FSS Plan in Appendix 30B. Since WRC-07, there’s no more “Part B” in the Plan and the process to enter in the List is called “A6B” rather than the “Part B” used in BSS Plan process and other BR systems. It is in reference to the Special Section AP30B/A6B and Article 6 “B”.
  - “Entry in the List” means “entry of frequency assignments in the Appendix 30B List”



# Submission under 6.17 for entry in the List



- Can be same or different parameters than the publication in AP30B/A6A
- Change of parameters should be in the “envelope of characteristics” i.e. not creating more interference

## Notes:

- Modifications of gain contours, aim point or up-link test points may modify the gain values interpolated by GIMS algorithm and generate new interference to other networks



# Examination under 6.19



## ➤ 6.19 a) agreements obtained for identifications under 6.6

The Notifying Administration should provide the list of Administration with which an agreement was obtained.

### Notes:

- Agreements should be obtained before submitting the 6.17 notice
- An Adm having given its agreement to include its territory in a Service Area may request to remove it at any time under 6.16

## ➤ 6.19 b) c) Conformity with the Table of Frequency Allocation and Hard Limits conformity of final characteristics

This examination is similar to the one done at AP30B/A6A



## 6.21 conformity at time of AP30B/A6A



### Some elements to remember about the examination:

- If any assignment receives an unfavorable finding, the whole submission shall be returned

### Notes:

- Using latest production version of GIBC/GIMS software at time of A6B examination
- Using the same grid points as for the AP30B/A6A publication in the RESULTS.mdb (available in the databases folder of the BR IFIC DVD of that A6A publication)
- Networks entirely suppressed after the AP30B/A6A publication are not considered to establish findings under 6.21
- explicit agreements may be obtained after commenting and assistance process, or during coordin
- Implicit agreements may be obtained after assistance process



## 6.22 no increase of interference on networks published after AP30B/A6A



### Some elements to remember about the examination:

- No additional tolerance is applied during the comparison of results to identify potential increase of interference. It's already included in each ANX4 examination with GIBC/Appendix30B software
- If any assignment receives unfavorable finding, the whole submission shall be returned

### Notes:

- Any modification of test points, gain maximum values or contours may impact the results as the algorithm of gain value interpolation in GIMS software is sensitive at test/grid points. The control of gain values interpolated is not fully accurate in GIMS as the graphical interface applies a rounding. It is recommended to use values in GIBC RESULTS.mdb generated after examination of ANX4.
- AP30BReport software does not contain tool to examine 6.22 increase of interference: doing queries on the RESULTS.mdb databases is recommended
- Do preliminary analysis with BR software before submitting a new 6.17 can help to anticipate impact of modifications of characteristics before submitting a notice to the BR



# Returned notice and provisional entry in the List under 6.25



- A request to enter potential remaining unfavourable frequency assignments provisionally in the List may be submitted at same time as the 6.17 submission to publish the resubmission at same time as the returned notice. It is subject to BR examination of compliance with 6.25 conditions and exchange with the Notifying Adm if necessary
- The list of networks with the signed commitment shall be communicated to the Bureau
- The 6.29 provision is restrictive as operation of all network can be stopped in case a claim of interference



# After the entry in the List



## Some elements to remember:

- **If the notice is returned due to unfavourable findings, a resubmission is possible until the end of the 8 year regulatory time limit**
- **The Article 8 submission is submitted in a different notice as it contains additional Appendix 4 data:**
  - to register the final detailed characteristics (Assignments, band width, designation of emission...)
  - the date of bringing into use and status of operation
  - Administration/Operator information from the BR IFIC Preface





# FSS Plan - Appendix 30B



More information in ITU BR Space E-learning Center:

[http://www.itu.int/en/ITU-R/space/elearning/presentations/UIT SSD 113.pdf](http://www.itu.int/en/ITU-R/space/elearning/presentations/UIT_SSD_113.pdf)




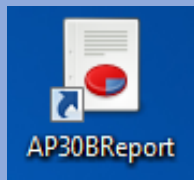
**Thank you**

**[veronique.glaude@itu.int](mailto:veronique.glaude@itu.int)**


ITU BR Space E-learning Center:

[http://www.itu.int/en/ITU-R/space/elearning/presentations/UIT SSD 113.pdf](http://www.itu.int/en/ITU-R/space/elearning/presentations/UIT_SSD_113.pdf)

AP30B Provisions	Criteria	Software	Publications
§6.3 a)	<b>“Other provisions”</b>	GIBC/PFD	 AP30B/A6A/ Special Section (§6.4 or 7 of AP30B)
§6.3 b)	<b>Annex 3 of AP30B</b>	GIBC/Appendix 30B	
§6.5 a)b)c)	<b>Annex 4 of AP30B</b>		
§6.6	<b>(service area)</b>		



**Analysis of interference  
and coordination process  
Submission of final characteristics**

§6.19 a)	<b>(service area)</b>	GIBC/Appendix 30B	 AP30B/A6B/ Special Section (§6.23, 6.24 or 6.25 of AP30B) Appendix 30B LIST
§6.19 b)	<b>“Other provisions”</b>	GIBC/PFD	
§6.19 c)	<b>Annex 3 of AP30B</b>	GIBC/Appendix 30B	
§6.21	<b>Annex 4 of AP30B</b>		
§6.22			