

**ITUWORKSHOPS**

# 1<sup>st</sup> ITU Inter-regional Workshop on WRC-19 Preparation

21 - 22 November 2017

Geneva, Switzerland

[www.itu.int/go/ITU-R/wrc-19-irwsp-17](http://www.itu.int/go/ITU-R/wrc-19-irwsp-17)

*GOOD PREPARATION - KEY TO SUCCESS*



90<sup>th</sup> Anniversary  
CCIR - ITU-R Study Groups  
(1927-2017)

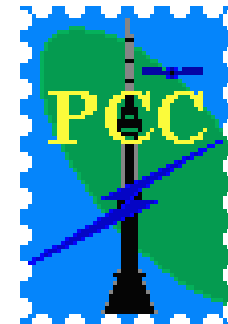
Organized by:



## 1<sup>st</sup> ITU INTER-REGIONAL WORKSHOP ON WRC-19 PREPARATION (Geneva, 21-22 November 2017)

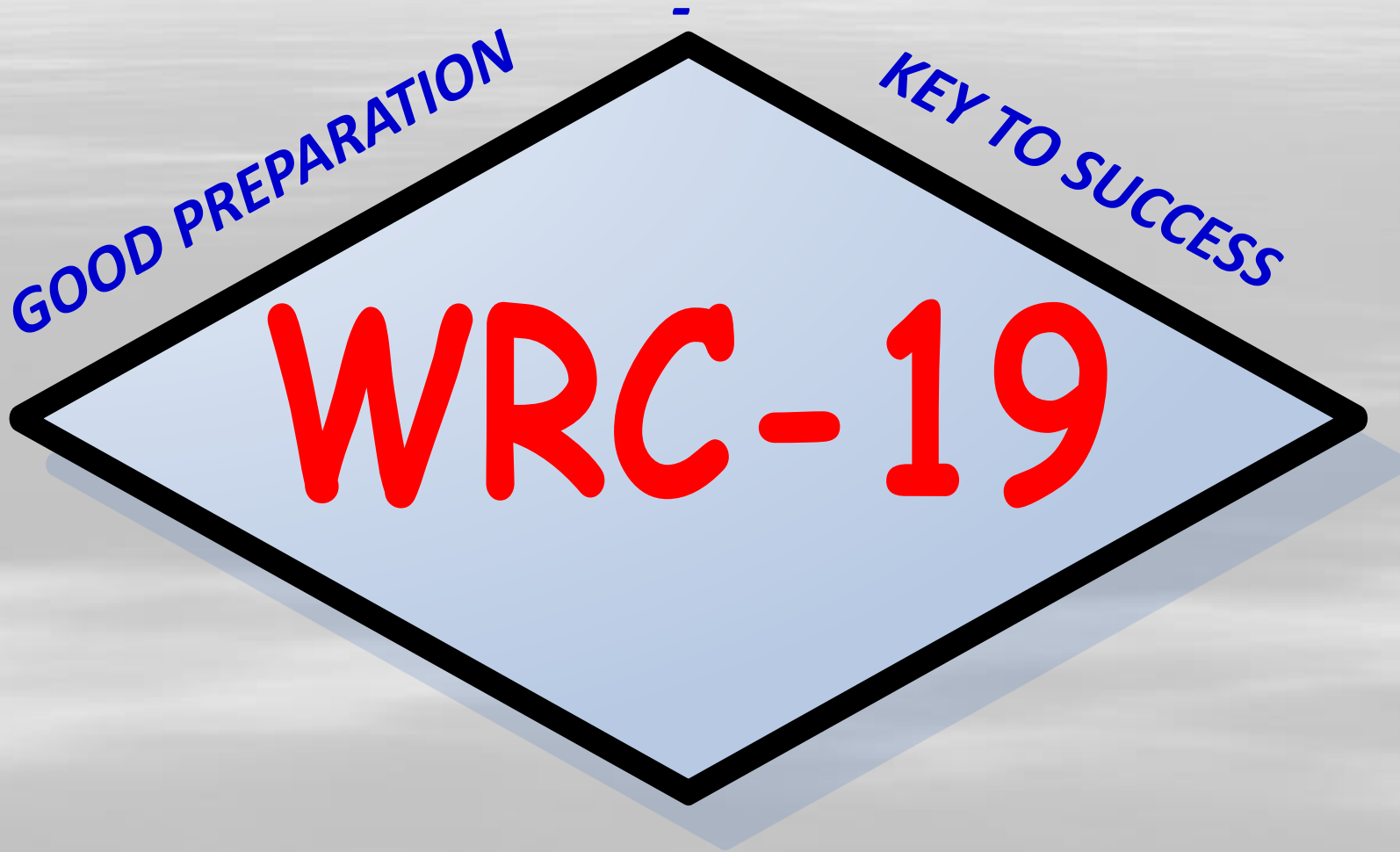
# RCC Preparation to WRC-19/RA-19

***Albert NALBANDIAN***  
***Chairman RCC WG***  
***WRC-19/RA-19***





# Preparation to WRC-19





# Preparation to WRC-19



## *ITU Inter-regional workshops*

Resolution **72 (Rev.WRC-07)** «*World and regional preparations for world radio-communication conferences*»

*Inter-regional workshops for WRC-19 preparation have been planned by BR:*

- ✓ **2017 - ITU-R Responsible Groups' outputs**
- ✓ 2018 – draft CPM Report to WRC-19
- ✓ 2019 – CPM Report to WRC-19

Participants - **ITU-R members**, including representative of six regional organizations: **APT; Arab group; ATU; CEPT; CITEL and RCC**





# Preparation to WRC-19



## ***I. The 2015 Radiocommunication Assembly (RA-15):***

- ***reconfirmation the CPM (Res. ITU-R 2-7).***

## ***II. The 2015 World Radiocommunication Conference (WRC-15):***

- ***activation the Conference Preparatory Meeting (Res. 809 (BKP-15));***
- ***preparatory process - in conformity with the CPM process.***

## ***III. CPM19-1 (Geneva, 30 Nov.–1 Dec. 2015):***

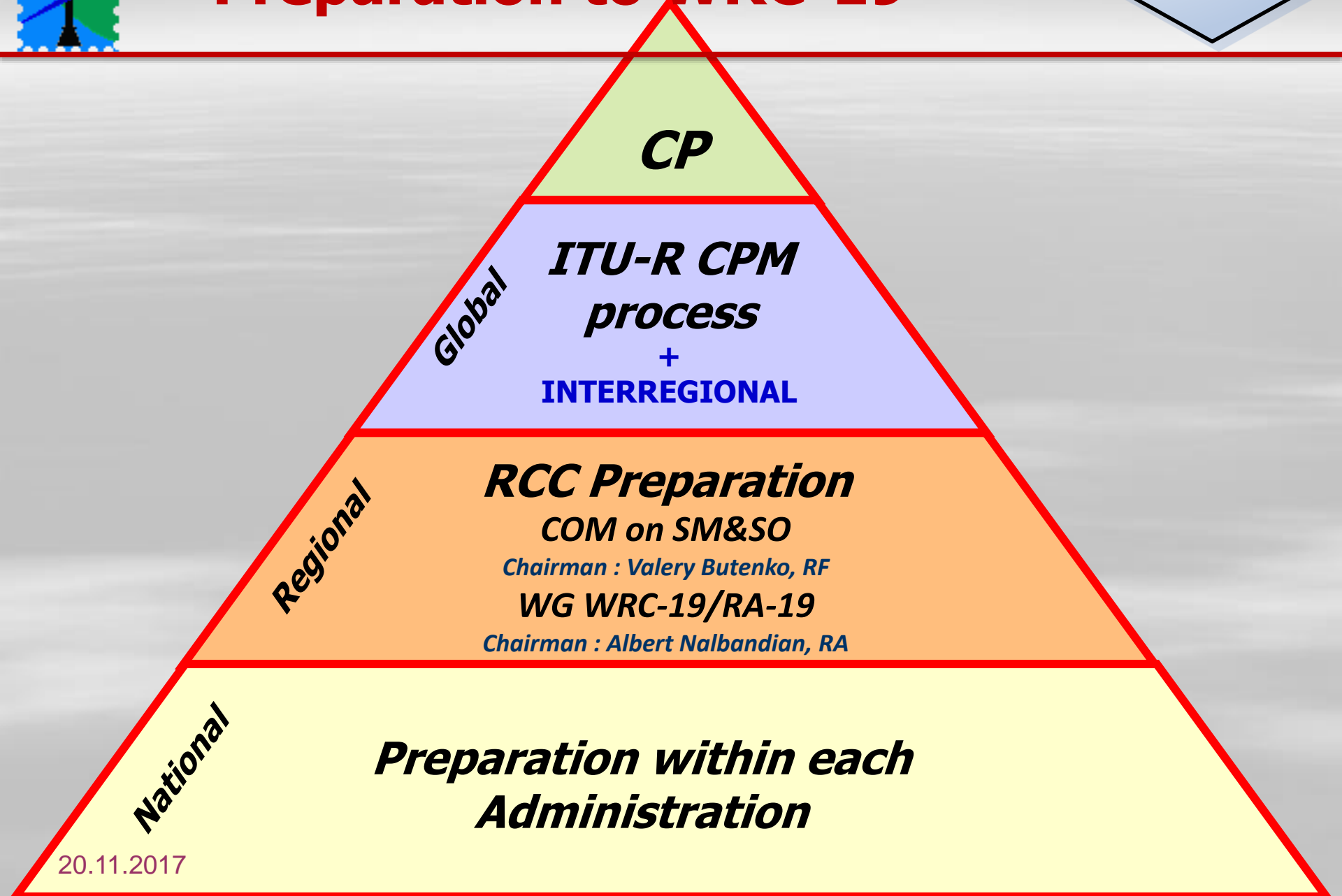
- ***structure of the CPM Report to WRC-19;***
- ***Rapporteurs for six chapters for preparation draft CPM Report***

## ***IV. CPM19-2 (Geneva, xx – yy March 2019):***

- ***CPM Report to WRC-19.***



# Preparation to WRC-19



***CP***

***Global***

***ITU-R CPM  
process  
+  
INTERREGIONAL***

***Regional***

***RCC Preparation  
COM on SM&SO  
Chairman : Valery Butenko, RF  
WG WRC-19/RA-19  
Chairman : Albert Nalbandian, RA***

***National***

***Preparation within each  
Administration***



# RCC Preparation to WRC-19



*«RCC plan for preparation to RA-19 & WRC-19»*



***RCC Commission on SM and SO***  
*Chairman : Valery Butenko, RF*

**→ ITU**



***WG WRC-19 & RA-19***  
*Chairman : Albert Nalbandian, Armenia*

***Position on WRC-19 Agenda***  
***Draft CP on the work of WRC-19***  
***Draft CP on the work of RA-19***



**WRC-19  
Agenda →**



# RCC Preparation to WRC-19



## ***WG WRC-19/RA-19***

*(1-st meeting, Astana, 25 February 2016)*

*(2-nd meeting, Minsk, 12 -15 September 2016)*

*(3-rd meeting, Bishkek, 10 -13 April 2017)*

*(4-th meeting, Samarkand, 11 - 12 September 2017)*



***RCC plan for preparation to WRC-19/RA-19***

***Terms of reference of WG WRC-19/RA-19***

***RCC Coordinators on WRC-19 Agenda items***

***Position of the RCC Adms on WRC-19 a. i.  
(draft version of 14 September, 2017)***



## ***BASIC PRINCIPLES***

- ***regulation and efficiency of the "spectrum/orbits" utilization;***
- ***development of new radio systems and technologies;***
- ***balance of interests between existing and new allocations;***
- ***technical and economic opportunities of the ITU M-S;***
- ***regional and inter-regional cooperation;***

**Position of the RCC Admins on WRC-19 agenda  
(draft as of 14 Sept 2016)**





# RCC Preparation to WRC-19



## ***I. Overlapping of frequency bands***

***1.6; 1.13; 1.14; 9.1.9***

## ***II. Clarification of the study topics***

***1.10; 1.11; 1.12; 1.7; 9.1.4; 9.1.7***

## ***III. Standing agenda items***

***7, 9.1 (9.1.1 – 9.1.x?)***



# ***I. Frequency bands overlapping***



***Overlapping of frequency bands :***

***1.6 (non-GSO FSS),***

***1.13 (IMT),***

***1.14 (HAPS) and***

***Issue 9.1.9 (Resolution 162 (WRC-15)),***

***it would be reasonable to identify priority and non-overlapping frequency bands for each of these items***



## ***II. Clarification of the study topics***

**WRC-19**

***Study topics of agenda items:***

***1.10 (GADSS);***

***1.11 (railway radio systems);***

***1.12 (ITS);***

***1.7 (short duration missions);***

***9.1.4 (sub-orbital vehicles);***

***9.1.7 (authorized terminals)***

***it would be reasonable to define subject and possible outcomes of each item***



### ***III. Standing agenda items***



***Limitation of number of issues is needed for standing agenda items:***

***7 (Resolution 86),***

***9.1 (9.1.1 – 9.1.x)***

***(ITU-R activity since previous WRC)***

***???????***



### ***III. Standing agenda items***



#### **Issues under WRC a.i. 7 (*Res. 86*) :**

- ✓ **only the issues considered by the relevant Working Party (WP4A) and included into the CPM Report should be considered at WRC;**
- ✓ **issues raised directly at WRC should be discussed during the next preparatory period.**



### ***III. Standing agenda items***



#### **Issues under WRC-19 a.i. 9.1 (9.1.1–9.1.9):**

- ✓ **have no direct relation to the Report of the BR Director;**
- ✓ **should not be included into agenda item 9.1;**
- ✓ **should be considered as individual agenda items of the next WRC.**



# Preparation to WRC-19



## ***GOOD PREPARATION - KEY TO SUCCESS***

***Preparation***

***Cooperation***  
***Coordination***  
***Compromise***

***Consensus***

***GOOD PREPARATION - KEY TO SUCCESS***

***Thank you***

***Albert Nalbandian***

***Chairman RCC WG WRC-19 & RA-19***

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