

**ITUEvents**

# 3<sup>rd</sup> ITU Inter-regional Workshop on WRC-23 Preparation

**27 - 29 September 2023**  
**Geneva, Switzerland**

[www.itu.int/go/ITU-R/wrc-23-irwsp-23](http://www.itu.int/go/ITU-R/wrc-23-irwsp-23)  
**#ITUWRC**

## **WRC-23**

### **Agenda Item 1.5**

*“to review the spectrum use and spectrum needs of existing services in the frequency band 470-960 MHz in Region 1 and consider possible regulatory actions in the frequency band 470-694 MHz in Region 1 on the basis of the review in accordance with Resolution 235 (WRC15)”*

***Ronel le Grange***



## REGIONAL POSITIONS ON A.I. 1.5

<b>APT</b>	<b>ASMG</b>	<b>ATU</b>	<b>CEPT</b>	<b>CITEL</b>	<b>RCC</b>
<b>None</b>	<b>Method B1</b>	<b>Method A1</b>	<b>Method F1</b>	<b>NOC for Region 2</b>	<b>Method A1</b>

# APT

## **Preliminary APT Common Proposal (PACP):**

None

## **Discussion in APT:**

This agenda item is a Region 1 issue.

WRC-23 decisions shall in no way adversely affect Region 3 frequency allocations and existing and future use of the relevant frequency band.

# ASMG

- **614-694MHz** An additional allocation to the Mobile service on a primary basis in the Table of Frequency Allocations of the frequency band 614-694 MHz in Region 1, and identification of the band 614-694 MHz for IMT without any additional conditions. Also, to ensure the protection of the existing broadcasting service in the band 614-694 MHz by applying the GE-06 procedures. Suppress Resolution 235 (WRC-15).
- **470–614MHz:** Support NOC in this sub-band.



# ATU

## Support Method A1

This method is based on the consideration that the studies on spectrum use and spectrum needs provided by ITU-R are showing that, in the long term (e.g. before 2030), there will not be a significant decrease in the broadcasting service needs in the frequency band 470-694 MHz and on the results of sharing studies showing large separation distances of several hundreds of kilometres between IMT stations in the mobile service and stations in the broadcasting service, which would result in a practical impossibility to implement the two services in neighbouring countries.

**Note** the national positions held by Egypt (Method C1), Namibia (Method C1), Nigeria (Method C1) and Tanzania (Method F2).

# CEPT

- CEPT supports a secondary allocation to the mobile service (except aeronautical mobile) in the frequency band 470 – 694 MHz to be made at WRC-23, with a future agenda item for WRC-31 to consider a possible upgrade to a primary allocation.
- CEPT is of the view that sharing studies indicate that due care will be required in any introduction of new applications of the mobile service in the band.
- CEPT is of the view that this agenda item seeks the long-term balance between (1) national requirements, in particular due to the evolution of spectrum usage and demands, and (2) the challenges of effective cross-border coordination between the existing services and various services/applications wishing to access spectrum, including applications of the mobile service.
- In line with Resolution 235 (WRC-15), CEPT acknowledges and supports that no regulatory action is required in the band 694-960 MHz.

# CEPT

- CEPT is of the view that the primary allocation of the 470-862 MHz band to the broadcasting service in Region 1 shall remain, in order to enable the protection and development of incumbent usage of the broadcasting service.
- CEPT is of the view that any possible regulatory action by WRC-23 in the band 470 – 694 MHz shall not be in conflict with any provision of the GE06 Agreement.
- CEPT supports the continuation and development of the incumbent usage by PMSE (SAB/SAP) (in accordance with existing RR No. **5.296**).
- CEPT supports the protection of the radioastronomy service within the frequency band 606-614 MHz, where required, to ensure its continued operation. CEPT is of the view that any decision on regulatory action(s) in the band 470-694 MHz at the WRC-23 shall consider regulatory action to protect RAS, taking into account RR No. **5.149**.
- CEPT is currently of the view that no changes are necessary concerning RR No. **5.291A** addressing the operation of wind profiler radars.

# CITEL

## Proposal: **NOC for Region2.**

WRC-23 agenda item1.5 addresses the spectrum use and spectrum needs of existing services in the frequency band 470-960 MHz in Region1 and considers possible regulatory actions in the frequency band 470-694 MHz in Region1 only. Any changes made to the Radio Regulations under WRC-23 agenda item1.5 must not impact the existing allocations and identifications for Region 2, nor subject Region 2 to any changed procedural or regulatory provisions. Therefore, no change is proposed for Region 2 under agenda item1.5, and this proposal does not address Region 1 or 3.



# RCC

- The RCC Administrations **oppose changing the regulatory conditions** of using the frequency band 470-694 MHz in Region 1 within this WRC-23 agenda item due to the current and future intensive use of this frequency band and the inability to ensure electromagnetic compatibility with existing services allocated in the frequency band 470-694 Mhz in Region 1 in accordance with the RR Table of Frequency Allocations on a primary and secondary basis (Method A).
- The RCC Administrations believes that **no regulatory actions are required** in the 694-960 MHz band and no particular actions for study are defined by Resolution 235 (WRC-15).
- The RCC Administrations believes that when studying compatibility in the 470-694 MHz range, allocations of this frequency band to services on both a primary and secondary basis should be taken into account.