

Introduction to WRC-2023

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Outcome of CPM for WRC-23 Agenda Items: **AI 1.18**

Agenda 1.18: to consider studies relating to spectrum needs and potential new allocations to the mobile-satellite service for future development of narrowband mobile-satellite systems, in accordance with Resolution 248 (WRC 19);

Issues discussed CPM-23-2: Given the lack of agreed technical and operational characteristics of narrowband MSS, sharing and compatibility studies with existing primary services and studies on the spectrum needs could not be concluded to determine the suitability of new allocations to the MSS for low data rate/narrowband applications. Therefore, any potential new allocations to the MSS for future development of narrowband mobile-satellite systems is not possible under agenda item 1.18.

CPM-23-2 outcome: CPM recognized that it is unlikely that there will be any outcome of this agenda item, though some administrations want to allocate some UHF bands for this purpose for which there have been no studies. Therefore it is possible that some countries may propose a new agenda for WRC-27

IAFI Preliminary Views on WRC-23 Agenda Items: **AI 1.19**

Agenda Item 1.19:

to consider a new primary allocation to the fixed-satellite service in the space-to-Earth direction in the frequency band 17.3-17.7 GHz in Region 2, while protecting existing primary services in the band, in accordance with Resolution 174 (WRC 19).

◆ **Preliminary Views:**

- Any studies in the ITU-R related to Agenda Item 1.19 needs to ensure protection of the services as referred to in Resolution **174 (WRC-19)** dealing to which the bands are allocated in the same and adjacent bands without imposing any additional constraints on existing allocations to the broadcasting-satellite service (space-to-Earth) and the fixed-satellite service (Earth-to-space).
- Any new allocation in Region 2 in the band 17.3-17.7 GHz (space-to-Earth) shall not cause harmful interference to the Space Station Receivers associated with AP30A Feeder Link and shall not claim protection from the broadcasting-satellite service feeder-link earth stations operating under AP30A, nor put any limitations or restrictions on the locations of the broadcasting-satellite service feeder-link earth stations anywhere within the service area of the feeder link.
- The new allocation to FSS in Region 2 in the band 17.3-17.7 GHz (space-to-Earth) shall not adversely affect existing allocations and services for Region 3 and shall not impose any constraints to the incumbent services operating in the concerned frequency bands and adjacent bands in Region 3.



THANK
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