

# THE WEEKLY NEWS SUMMARY

## IAFI News

### Activities performed during the second week of WRC-23



Strengthening India's presence at WRC-23, a contingent of Indian delegates, led by Member (Technology), DCC arrived since the start of the second week. Joined by a team of officers from DoT/WPC, representatives from the Indian Space Research Organisation (ISRO), and the President of IAFI, this expanded delegation bolstered India's active participation in the conference. Few activities performed during first week of the WRC-23 are as follows.

- Regarding Agenda Item No. 1.2, after detailed deliberations, Committee-4 is continuing offline conversations to resolve the four issues that are considered out of the scope of WRC-23
  - The new EESS (passive) primary allocations in the frequency bands 4.2-4.4 GHz and 8.4-8.5 GHz
  - WRC-23 does not approve an agenda item for WRC-27 studying additional IMT identifications in frequency bands between 7-30 GHz where IMT would have the potential to jeopardize important European space and governmental spectrum
  - Creating a footnote for an identification to IMT of the frequency band 6 425-7 025 MHz for some countries in Region 3
  - The IMT Resolution clearly outlines opportunities for other broadband applications in the mobile services (i.e. WAS/RLAN)
- India is supporting a new Agenda item for Lunar Communications to support moon missions
- India is also supporting a new agenda item for direct satellite communications with mobile phones to support connecting the unconnected. This will include placing the Mobile base stations on low earth satellites.
- India also held bilateral meetings with many countries, including China, Russia, Japan etc.

### The World Radiocommunication Conference 2023 (WRC-23)



The International Telecommunication Union's (ITU) premier event, the World Radiocommunication Conference 2023 (WRC-23), is currently underway at the Dubai World Trade Centre in Dubai, United Arab Emirates, from November 20 to December 15, 2023. The distinguished Telecommunications and Digital Government Regulatory Authority (TDRA) of the UAE is hosting the WRC-23, which is convening at the Dubai World Trade Centre. This esteemed gathering is anticipated to draw over 4,000 participants from more than 172 countries and territories, including international organizations, inter-governmental organizations, recognized operating agencies, scientific and industrial organizations, financial and development institutions, and other entities actively engaged in telecommunication matters. The participation of a diverse array of countries from across the globe underscores the conference's international significance and the collective commitment to ensuring the efficient and equitable allocation of this precious resource.

The WRC-23 commenced on November 20, 2023, in Dubai, UAE, convening government representatives for negotiations on the allocation of radio-frequency spectrum. His Highness Sheikh Ahmed bin Mohammed bin Rashid Al Maktoum, Second Deputy Ruler of Dubai, graced the WRC-23 opening ceremony. In a message from United Nations Secretary-General, António Guterres added that radio frequencies, whether on earth or in space, form the backbone of advanced communications for all of humanity. From education to healthcare, from agriculture to climate monitoring, expanding radio-communication services and bridging the digital divide is key to reducing inequalities and advancing the Sustainable Development Goals.

Doreen Bogdan-Martin, ITU Secretary-General said that radio-communications are at the top of the global agenda. Equitably managed spectrum and the associated satellite orbits are among the best tools in our toolbox to make good on our commitment to build a digital future that works for everyone and for our planet.



A significant contingent of Indian delegates, led by the Secretary of the Department of Telecommunications (DoT), representatives from the Indian Space Research Organisation (ISRO) and President IAFI with many others actively participated in the conference, with aim to contribute valuable expertise and support to the Indian delegation. Few activities performed during first week of the WRC-23 are as follows.

- Secretary General, ITU divided the major technical work of WRC-23 in three committees as 4, 5 and 6 and Shri Bharat Bhatia, President, IAFI was appointed as the Vice- Chairperson for Committee-4, dealing most sensitive matters for WRC-23, includes the examination of frequency band 4 800-4 990 MHz, safeguarding stations of aeronautical and maritime mobile services, and evaluating the identification of frequency bands such as 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz, and 10.0- 10.5 GHz for International Mobile Telecommunications (IMT). Additionally, Committee-4 is tasked with deliberating on issues related to High-Altitude Platform Stations (HIBS) for IMT, aeronautical and maritime mobile services, Global Maritime Distress and Safety System (GMDSS), amateur service, amateur-satellite service, and various other critical concerns.
- Further, three Working Groups were constituted under the Committee-4 viz WG-4A (for Broadband applications in the mobile service issues), WG-4B (for Aeronautical and maritime services issues) and WG-4C (for Fixed, mobile and broadcasting services issues).
- Committee-4 deliberated the Agenda Item No. 9.1-c in detail and decided to suppress the Resolution-175 (Use of International Mobile Telecommunication systems for fixed wireless broadband in the frequency bands allocated to the fixed service on primary basis) and submitted to plenary.
- Regarding Agenda Item No. 9.1, after detailed deliberations, Committee-4 decided to forward the Resolution-427 to editorial committee (to study the Radio Regulations and their associated Appendices, as appropriate, in order to identify out-dated aeronautical provisions with respect to ICAO standards) and send to plenary.

The inaugural week of WRC-23 witnessed a flurry of activities, laying the groundwork for the conference's success.

### TRAI Consultation Papers

Consultation Papers	Submission Dates	status
Assignment of spectrum in E&V bands, and spectrum for microwave access (MWA) & microwave Backbone (MWB)	13th Dec 2023	Under Development
Digital Transformation through 5G Ecosystem	26th Dec 2023	Under Development

### Important Meeting that IAFI will attend

Meeting	Dates	Submission Dates	IAFI preparatory Meetings
ITU-R: ITU World Radiocommunication Conference 2023 (WRC-23)	20th Nov - 15th Dec 2023	20th Oct 2023	-
ITU-T: First Inter-regional Meeting for WTSA-24 Preparation	18th Jan 2024	11th Jan 2024	-
ITU-T Third meeting of the Telecommunication Standardization Advisory Group (TSAG)	22nd Jan - 26th Jan 2024	15th Jan 2024	-
ITU-R: Forty-fifth meeting of Working Party 5D	31st Jan - 7th Feb 2024	24th Jan 2024	20th Dec 2023

### Telecom Stories:



"This (electronics manufacturing industry) is a growth sector, growing at double-digit CAGR (compounded annual growth rate). Everyone will get opportunities. I encourage every company to Make in India, I encourage every company to export from India," Vaishnav said at the inauguration of a new smartphone manufacturing facility by Dixon-subsiary Padget Electronics. New Delhi: Other local Indian manufacturers are increasingly moving towards attaining critical mass after which they too can meet the production-linked incentive targets by roping in other smartphone brands, Union Minister of Electronics and IT, Ashwini Vaishnav said Thursday.



Speaking at TowerXchange Meetup Asia 2023, Mr. T.R.Dua, DG, DIPA highlighted that telecom Infrastructure providers plays a significant role in making available affordable telecom services in India. Over the years, the telecom tower industry in India has emerged as a rentsetter in the infrastructure sharing. In the coming years as well, the IP-1 will play a prominent role in the growth of Digital Economy, Industry 4.0, and in successful implementation of Government program such as Digital India, Make in India, Start-up India, Smart Cities, etc. Today, 55% of the world's population lives in urban areas. This number is estimated to increase to nearly 66% by 2050, according to the UN Department of Economics and Social Affairs. The global challenges of rapid urban population growth, climate change, and pressure on resources, infrastructure and the provision of services can all start to be addressed at the city scale.



Dr. Satya N Gupta, our Secy. General, participated as an Invited Guest of Honors, in the World Launch of Country first innovative and futuristic Project, " Web3 On The Sea" by Govt. Of Goa. It will create a special District on water and shore and ships, to be used as workspace for tech and blockchain Entrepreneurs to meet investors,partners,mentors, govt. Functionaries to create, collaborate and build next big story in the Web3 domain. He presented his concept of De-Wi i.e. Decentralised- WiFi Network, using Blockchain. He also took the opportunity to present his Blockchain Souvri to Chief Guest, Hon. Rohan Khunte jee, Minister if Tourism, IT, Electronics and Communication."

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