THE WEEKLY NEWS SUMMARY

IAFI News

The Radiocommunication Assembly-2023 (RA-23) meeting held at Dubai 13-17, Nov, 2023

The Radiocommunication Assembly 2023 (RA-23) was held in Dubai, UAE, from 13th to 17th November, 2023. Shri Bharat Bhatia-President, IAFI, Shri Jitendra Singh-Vice President, IAFI along with other IAFI members actively participated in the meeting, to support Indian delegation. Meeting was attended by over 1,500 delegates from over 150 countries.

The prestigious Radiocommunication Assembly is the supreme organ of the Radiocommunication Sector (ITU-R) of the International Telecommunication Union (ITU). It is responsible for the technical and operational aspects of radio communications, including the allocation of the radio-frequency spectrum and the development of technical standards. The delegates discussed and adopted the wide range of issues, including future of spectrum allocation for mobile broadband services, such as 5G and beyond, development of new technologies for spectrum sharing, spectrum for satellite communications, protection of radio frequencies from harmful interference and development of standards for radio equipment.

The RA-23 was ended with a resounding success, yielding a series of critical decisions that will undoubtedly shape the future of radio communications. Despite the severe rain and thunderstorms that plagued the UAE, causing a delay in the commencement of the last day of the plenary session, the event proceeded with full of enthusiasm.

Adoption of resolutions - ITU R-56-2 and ITU R-65 by the RA-23 plenary

IAFI was the main proponent to pursue two important resolutions viz ITU R 56-2 and ITU R-65 since beginning, anticipating that these will shape the future of mobile telecommunications and will provide a framework for the development of new IMT systems, to meet the growing needs of users worldwide.

ITU R 56-2 defines the terms "IMT-2000" and "IMT-Advanced" and assigns a new name to those systems, system components and related aspects that include new radio interface(s) that support the new capabilities of systems beyond IMT-2000 and IMT-Advanced. IMT-2020 and beyond, based on new radio interfaces that support enhanced capabilities, such as increased data rates, lower latency, and more reliable connections.

ITU R-65 establishes the principles for the future development of IMT for 2020 and beyond. The development of IMT for 2020 and beyond systems will be based on the principles of global compatibility, to support global roaming, adoption of open standards to encourage innovation and competition and to designing sustainable and environmentally friendly systems.

The adoption of ITU R 56-2 and ITU R-65 by Radiocommunication Assembly-2023 is a significant step forward in the development of IMT for 2020 and beyond. These resolutions will help to ensure that IMT systems continue to meet the growing needs of users worldwide.

2nd 6G Summit organized by TII at Abu Dhabi, UAE

Technology Innovation Institute (TII) organized a 2nd 6G Summit-2023 from 16th to 17th Nov, 2023 at Abu Dhabi. TII is a global research centre and the pillar of Abu Dhabi's Advanced Technology Research Council (UAE). 6G Summit invited experts from the global scientific and research communities, industry leaders, and standardization bodies, working on the cutting edge of wireless technologies, to provide international exposure for local initiatives in the field and create opportunities for valuable collaborations with leading institutions and companies. Shri Bharat Bhatia, President, IAFI was invited as guest speaker and presented a structured and informative talk on the topic "Beyond Connectivity, Towards a Connected Intelligent Society", a significant accomplishment for Shri Bhatia and to the IAFI community.

IAFI participation in the meeting of SG-9 of the ITU-T held at Bogotá, Colombia from 14th to 23rd November 2023

IAFI along with India submitted a contribution (C92-R1) on the proposed new ITU-T Recommendation J.STB-UHDVR "Functional requirements for cable Set-top Box supporting Ultra-High-Definition video and Virtual Reality services." It introduces the system architecture and specifies the minimum requirements for the STB to decode and output UHD video with resolutions of 4K, 8K, or higher. Additionally, the STB should be compatible with VR services, utilizing either cable or WLAN IEEE 802.11be technology.

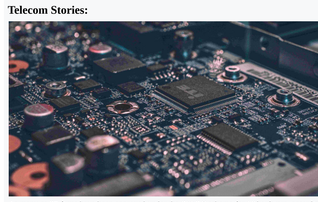
TRAI Consultation Papers

Consultation Papers	Submission Dates	status
Open and de-licensed use of unused or limited used spectrum bands for demand generation for limited period in tera hertz range	29th Nov 2023	Under Development
Assignment of spectrum in E&V bands, and spectrum for microwave access (mwa) & microwave Backbone (mwb)	29th Nov 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: Focus Group on "Artificial Intelligence (AI) and Internet of Things (IoT) for Digital Agriculture" (FG-AI4A)	1st Dec 2023	24th Nov 2023	-
ITU-T: First Inter-regional Meeting for WTSA-24 Preparation	18th Jan 2024	11th Jan 2024	-
ITU-R: Forty-fifth meeting of Working Party 5D	31st Jan 2024 7th June 2024	24th Jan 2024	20th Dec 2023

Telecom Stories:



As many as 27 firms have been approved under the PLI 2.0 scheme for IT hardware, according to Union Minister Ashwini Vaishnaw. The minister said of the 27, 23 firms are ready to start manufacturing on Day o. "The rest will be ready to start within the next 90 days," he told reporters in New Delhi on Saturday. The 27 firms will together invest about Rs 3,000 crore under the scheme, and value production worth Rs 3.5 lakh crore (about $42 billion) is expected.

Nearly a year ago, India made yet another generational shift in mobile communications by launching 5G-enabled telecom services. The iconic (and aptly named) Pragati Maidan became perhaps the first site in the country to have 5G telecom services for public use at scale, at the annual India Mobile Congress (IMC) 2022. A year later, Pragati Maidan itself has come a long way, with a new convention centre and a makeover. Within this one year, more than 7,000 cities and towns (and almost all key urban areas) have become 5G- enabled, thanks to two telecom operators..

The Department of Telecom has granted internet service provider licence to Jio Satellite Communications and Bharti Group-backed OneWeb, official sources said on Friday. Both companies were given permits to provide satellite communication services about a year ago. "The companies were issued an ISP (Internet Service Provider) licence recently. They can provide internet services connecting satellite service with terrestrial networks or through VSAT to end customers," an official said.

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