

THE WEEKLY NEWS SUMMARY

IAFI News

IEEE Strategic Seminar on Exploring the Future of Connectivity:

STRATEGIC SEMINAR
Exploring the Future of Connectivity:-
5G/6G and Satellite Communication with Digital Twin Integration

Expert Speakers

Mr. Jerome Louis
Director Engineering,
ICTA, Mauritius

Mr. Shivendra Nautiyal
Chief Strategy and Innovation Officer,
Bharat, Mauritius

Dr. Vinod Kumar
Director (Promotion Development),
IR, Gurgaon, India

Mr. Bharat Bhatia
President, IAFI, India and
Vice-Chairman, WPT, Switzerland

Seminar Coordinators

Dr. Naveen Kumar
Associate Professor,
Christ University, India

Dr. Tushi Pawan Fowdur
Associate Professor,
University of Mauritius, Mauritius

IEEE Mauritius in collaboration with the University of Mauritius and the Christ University of Bangalore, India arranged a seminar on 07 th May, 2024 regarding 5G/6G and Satellite Communication with Digital Twin Integration, at University of Mauritius. Shri Bharat Bhatia, President, IAFI was invited as an expert speaker and delivered his lecture on ITU's 6G Vision and Bharat's 6G Mission.

IAFI Radio Group Meeting for 46th WP-5D preparations

The IAFI Radio Group was convened on May 8, 2024 as a hybrid meeting, to review outcomes from recent meetings and prepare for the upcoming 46th WP-5D meeting. With the goal of maximizing contribution, IAFI plans to participate actively in the WP-5D meeting. During the Radio Group meeting, 11 Working Documents were thoroughly discussed, with eight selected for further analysis. Additionally, IAFI intends to submit a contribution focusing on Agenda Item 1.13 (new allocations to the MSS for direct connectivity between space stations and IMT UE) and using IMT to support PPDR (Public Protection and Disaster Relief) applications. The group has scheduled their next meeting during the fourth week of May 2024 to continue preparations and refine their contributions.

54th Meeting of WP-4A under SG-4 of ITU-R

54th Meeting of the Working Party- 4A (WP-4A) under SG-4 of ITU-R, was convened from 01st May, 2024 to 09th May, 2024 at Geneva, Switzerland in a hybrid mode. WP-4A addresses issues related to the efficient orbit/spectrum utilization for the fixed-satellite service (FSS) and broadcasting-satellite service (BSS). Total 536 participants attended the meeting either physically or in a virtual mode, including of 413 participants from 76 countries and 123 other participants. Mr. Pawan Garg, Vice Chairman and Mr. Rajesh Mehrotra, Vice President attended the meeting in person. Many other IAFI members also joined the meeting in virtual mode. Being the first meeting of WP-4A since WRC-23/CPM-27-1 in Dubai (November-December 2023), the meeting focused on agenda items assigned to WP-4A. Total 126 contributions were presented in the meeting and all were discussed in detail. Based on the WRC-23 resolution -129, IAFI submitted a new contribution (C-115) on Agenda Item 1.2, regarding studies on possible revisions of sharing conditions in the frequency band 13.75-14 GHz to allow the use of uplink fixed-satellite service earth stations with smaller antenna sizes. Document was discussed in detail and accepted. It was agreed in the meeting for further study, based on the resolve of the Resolution-129. It is pertinent to mention here that WRC-23 (Dubai) and CPM-27-1 assigned significant workload to WP-4A, entrusting it with seven Agenda Items – 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 and 7 for further study. So, it was decided to extend the duration of the WP-4A future meetings by three additional days till WRC-27, to complete the assigned task well in time.

Meeting of SG-9 of ITU-T

STUDY PERIOD 2022-2024

Question: 1159 Contribution

Source: Indian Institute of Science, India

Title: Proposal for content of new Recommendation ITU-T J.133 on "prof" "Requirements for the specific semantics of a Common User Profile used in personal and professional media"

Contact: Pradipta Biswas
Indian Institute of Science Tel: +91 886 2592623
India E-mail: pradipta@iisc.ac.in

Abstract: This document provides the updated draft of the new Recommendation ITU-T J.133 on "prof" "Requirements for the specific semantics of a Common User Profile used in personal and professional media". It is based on the latest version of the draft Recommendation prepared as ITU-T SG9-TD963. This update concerns about defining terms used in the document and addressing editorial issues taken during last WRC-23, WRC-24 and SG9 meetings. It is proposed that this draft may be considered for comment in the SG9 meeting scheduled in May 2024. The updated draft is placed as ANNEX.

Meeting of Study Group-9 of the ITU-T commenced on 09th May, 2024 and will continue till 17th May, 2024. ITU-T Study Group- 9 (SG-9) carries out studies on the use of telecommunication systems in the distribution of television and sound programs supporting advanced capabilities such as ultra-high definition and high-dynamic range, 3D, virtual reality, augmented reality and multi-view etc. Shri Labh Singh attended the meeting from IAFI in a virtual mode

2nd Meeting of SG-4 of ITU-R

2nd Meeting of the Study Group -4 (SG-4) under ITU-R, was convened on 10th May, 2024 at Geneva, Switzerland in a hybrid mode, to review the works carried out by its three Working Parties during the meetings: 4A (01-05-2024 to 09-05-2024), 4B (29-04-2024 to 03-05-2024) and 4C (23-04-2024 to 30-04-2024). 1st meeting of the SG- 4 was held on 23-04-2024. SG-4 addresses the issues related to the Satellite Services including of FSS, MSS, BSS and RDSS. Total 318 participants attended the meeting either physically or in a virtual mode, including of 233 participants from various countries and 85 other participants. Many IAFI members also joined the meeting in a virtual mode. WRC-23/CPM-27-1 allotted maximum amount of Agenda Items to the SG-4 for further study and submitting its recommendations to ITU-R in time.

First Meeting of NSG-1 and of National Working Party 5D-3

First meeting of the NSG-1 was held at Spectrum Room, Sanchar Bhawan, DoT on 06th May, 2024 in a hybrid mode. NSG-1 has three Working Parties - WP-1A, WP-1B and WP-1C. Meeting was chaired by Shri M. K. Pattanaik, Chairman NSG-1. Speaking during the meeting, Mr. Bharat Bhatia President IAFI explained that in recent years the importance of the Study Group-1 has increased because of the increased need for sharing of spectrum, which is becoming unavoidable due to growing demand on spectrum from several new applications. He was of the view that there is good scope in this area in which NSG-1 can work and contribute. He gave the example of the sharing between satellite and space services in the Ka band, and in the 71-86 GHz band.

Meeting of NSG-5 and of National Working Parties 5D-1/2/3

A number of meetings of NSG-5 as well as National Working Party 5D-1/2/3 were organised by the TEC. Many IAFI members attended the meeting in virtual mode. Mr Sendil Kumar, IAFI member made a presentation on the technology aspects group WP5D which is working on defining the 6G performance requirements. Mr. Bharat Bhatia President IAFI called on the group to work on the defining the TPRs for ubiquitous connectivity, which was spearheaded by India in the first phase of 6G framework development.

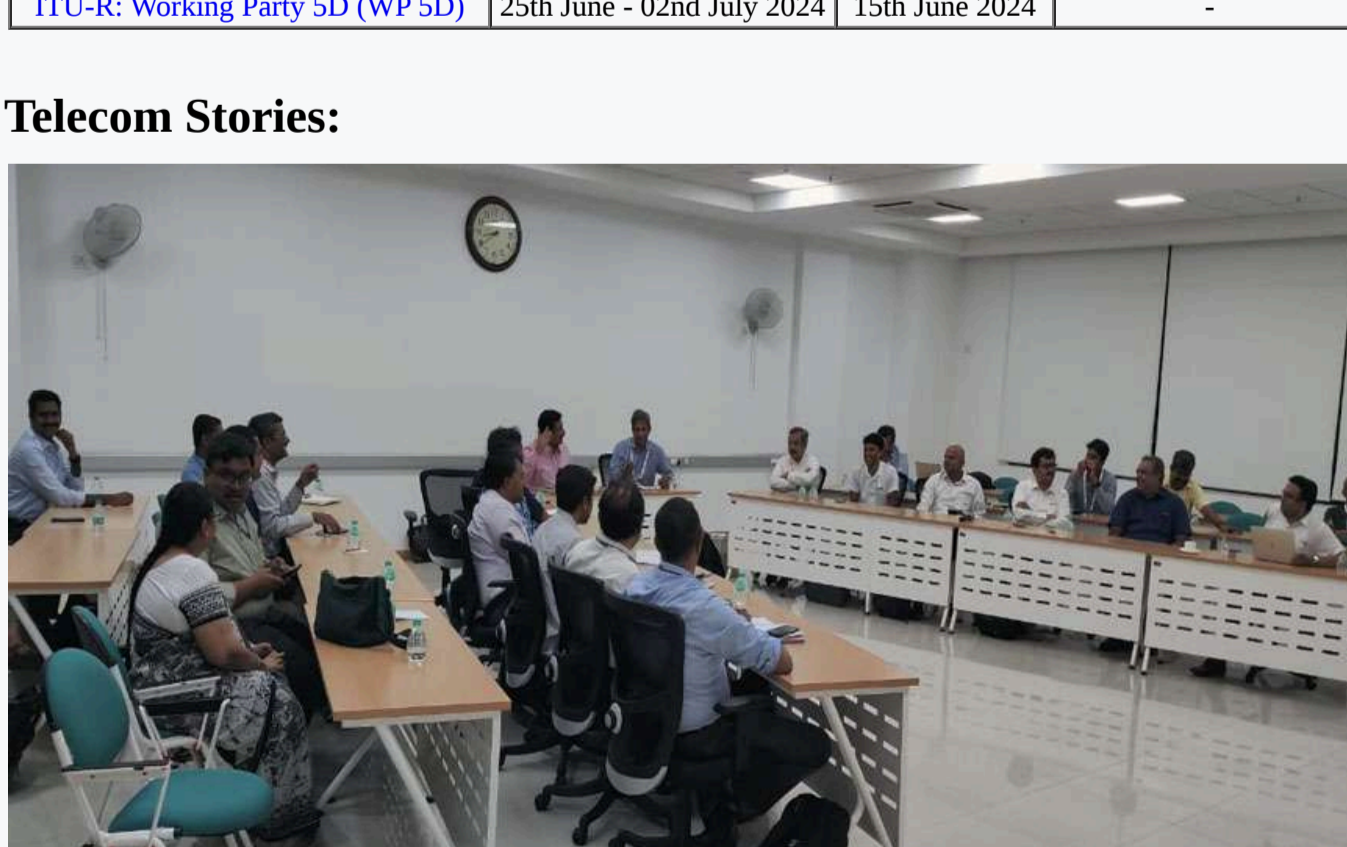
TRAI Consultation Papers

Consultation Papers	Submission Dates	Status
Auction of Frequency Spectrum in 37-37.5 GHz, 37.5-40 GHz, and 42.5-43.5 GHz bands Identified for IMT	16th May 2024	Under Development

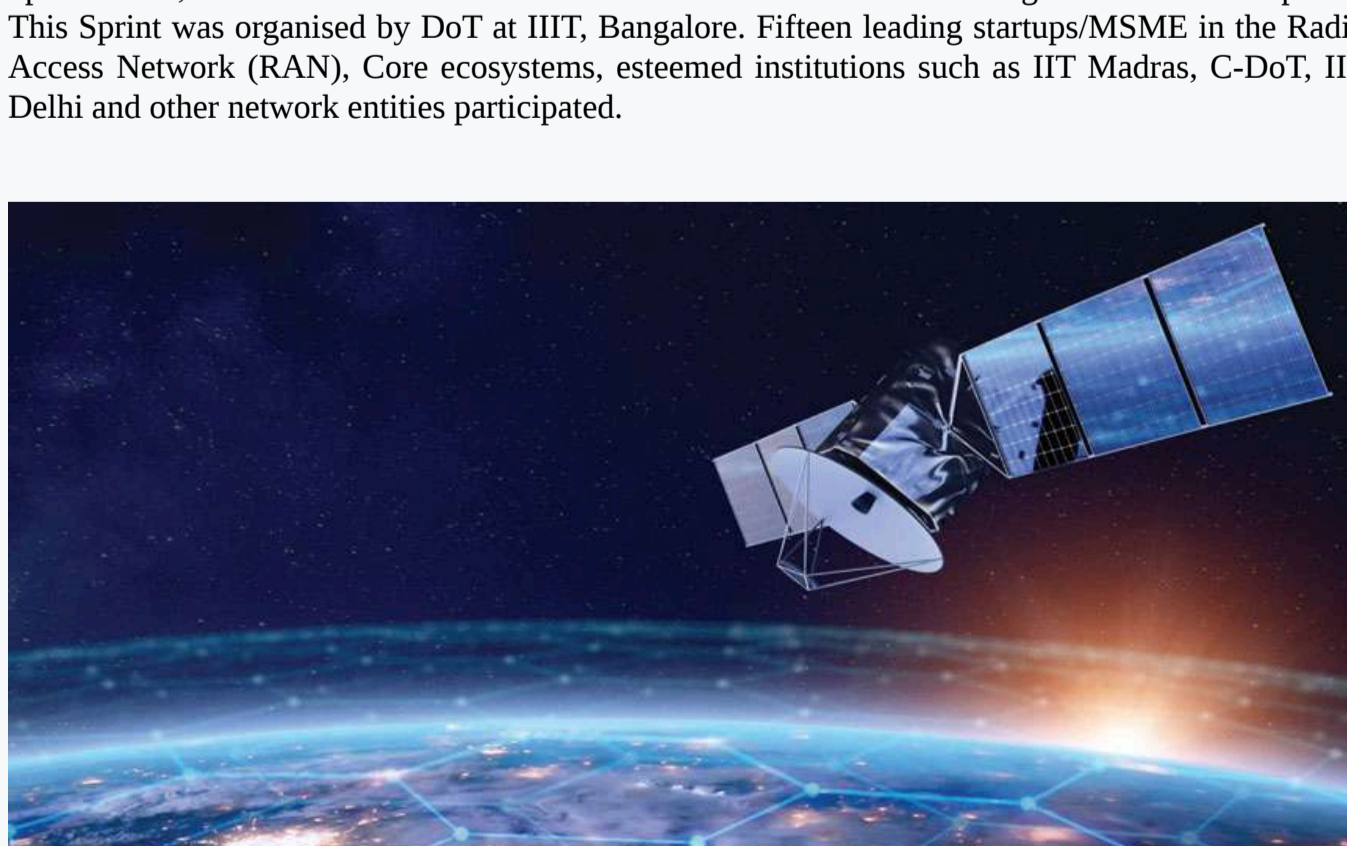
Important Meeting that IAFI will attend

Meeting	Dates	Submission Dates	IAFI PREPARATORY MEETINGS
ITU-T: SG/WP9	09th - 17th May 2024	30th April 2024	-
ITU-R: WP5A, 5B and 5C	14th - 24th May 2024	04th April 2024	-
ITU-D: TDAG	20th - 23rd May 2024	10th May 2024	-
ITU-R: WP3L, 3K, 3I and 3M	29th May - 07th June 2024	19th May 2024	-
APT: The 1st Meeting of the APT Conference Preparatory Group for WRC-27 (APG27-1)	03rd - 06th June 2024	24th May 2024	-
ITU-R: WP1A, 1B and 1C	12th - 09th June 2024	02nd June 2024	-
ITU-R: Working Party 5D (WP 5D)	25th June - 02nd July 2024	15th June 2024	-

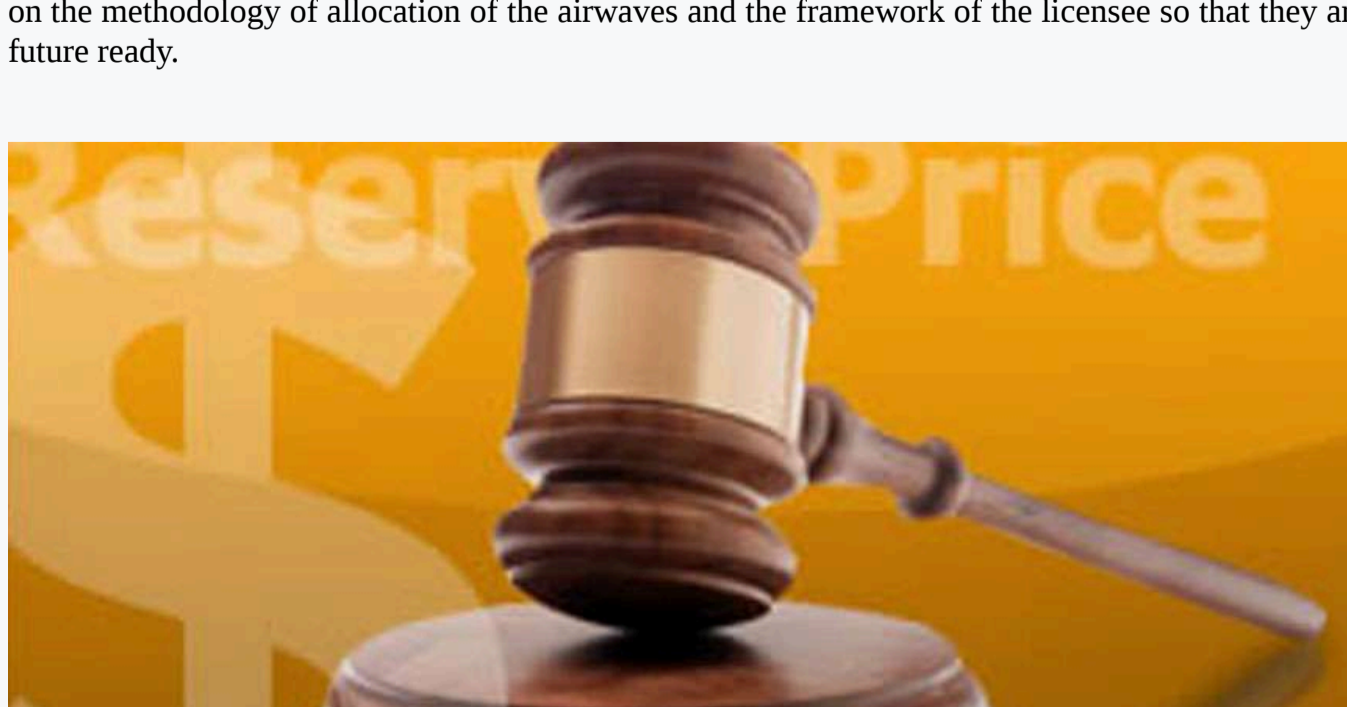
Telecom Stories:



In a novel initiative, the Department of Telecommunications (DoT) brought together startups/MSMEs, academia and research institutions under the "Telecom Design Collaboration Sprint". This Sprint was organised by DoT at IIT, Bangalore. Fifteen leading startups/MSME in the Radio Access Network (RAN), Core ecosystems, esteemed institutions such as IIT Madras, C-DoT, IIT Delhi and other network entities participated.



Allocation of spectrum for satellite broadband services will take another four to six months, as the terms of reference that the telecom department plans to send to the sector regulator for recommendations may go out only after elections. According to people familiar with the development, the government may ask the Telecom Regulatory Authority of India (Trai) to consult on the methodology of allocation of the airwaves and the framework of the licensee so that they are future ready.



Telecom operators Bharti Airtel Ltd., Reliance Jio Infocomm Ltd., and Vodafone Idea Ltd. have submitted applications to the government for the spectrum auction, but analysts expect the reserve price to be the selling price for the spectrum as demand is likely to be subdued. Operators will bid for renewal spectrum and boost capacity in certain bands/circles, resulting in demand mainly for spectrum in the 800 / 900 / 1800 / 2300 MHz bands, according to a note by Jefferies. The Department of Telecom had invited applications for the auction of spectrum in the 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz, 2500 MHz, 3000 MHz, 3300 MHz, 3500 MHz, 3600 MHz, 3700 MHz, 3800 MHz, 3900 MHz, 4000 MHz, 4100 MHz, 4200 MHz, 4300 MHz, 4400 MHz, 4500 MHz, 4600 MHz, 4700 MHz, 4800 MHz, 4900 MHz, 5000 MHz, 5100 MHz, 5200 MHz, 5300 MHz, 5400 MHz, 5500 MHz, 5600 MHz, 5700 MHz, 5800 MHz, 5900 MHz, 6000 MHz, 6100 MHz, 6200 MHz, 6300 MHz, 6400 MHz, 6500 MHz, 6600 MHz, 6700 MHz, 6800 MHz, 6900 MHz, 7000 MHz, 7100 MHz, 7200 MHz, 7300 MHz, 7400 MHz, 7500 MHz, 7600 MHz, 7700 MHz, 7800 MHz, 7900 MHz, 8000 MHz, 8100 MHz, 8200 MHz, 8300 MHz, 8400 MHz, 8500 MHz, 8600 MHz, 8700 MHz, 8800 MHz, 8900 MHz, 9000 MHz, 9100 MHz, 9200 MHz, 9300 MHz, 9400 MHz, 9500 MHz, 9600 MHz, 9700 MHz, 9800 MHz, 9900 MHz, 10000 MHz.

Follow us on:-

