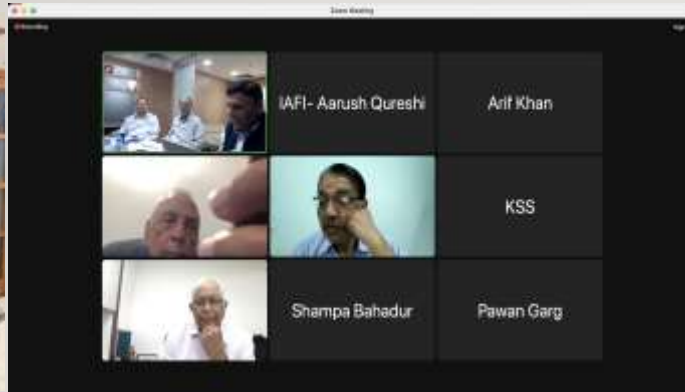# August Highlights

Dear Respected Member,

ITU-APT Foundation of India (IAFI) is delighted to share about the previous month's activities.

IAFI Dinner reception to welcome newly joined Member (Services), DCC and DG Telecom, DoT and ITU area officer for south-east Asia: IAFI arranged a welcome/farewell dinner on 23-08-2023 at CSOI, K G Marg, New Delhi, to welcome, Shri A K Sahu, Member (Services), DCC and Shri S K Jain, DG (Telecom) joined recently and farewell of Shri U S Pandey, ex- member (Services) and Shri Alok Agarwal, ex-DG (Telecom) and to facilitate Shri Kishore Babu, DDG, on joining as ITU representative for South East Asia and other member states of the Pacific region. The occasion was marked by greetings from many senior officers of DoT, WPC, and many industry and association representatives.

The 6th Meeting of the APT Conference Preparatory Group for WRC-23 (APG23-6): The 6th Meeting of the APT Conference Preparatory Group for WRC-23 (APG23-6) was held from 14 to 19 August 2023 in Brisbane, Australia. APG23-6 meeting was the final APG meeting before the World Radiocommunication Conference 2023 (WRC-23) which will be held at Dubai from 20th Nov to 15th Dec, 2023. The focus of APG conference was on drafting the Preliminary APT Common Proposals (PACPs) for WRC-23 agenda items as well as on RA-23 related issues and arrangement of coordination for RA-23 and WRC- 23. Shri Bharat Bhatia, President, IAFI along with other members attended the meeting, to support the Indian Delegation stand, to achieve favourable common proposals for several agenda items. Some of the important agenda items in which IAFI actively contributed include:
Start studies for new Spectrum bands for 6G Permitting NGSO satellites to offer inflight connectivity, as also connecting ships and trains Connecting multiple satellites directly through intersatellite links Studies for Mobile cellular bands to be used by satellites for direct to mobile connectivity A proposal to allocate 6 GHz band for IMT in Europe, Middle east and Arica Region (known as ITU Region 1). And many more

August Highlights

Chandrayaan-3 is a follow-on mission to Chandrayaan-2 to demonstrate end-to-end capability in safe landing and roving on the lunar surface. It consists of Lander and Rover configuration. It will be launched by LVM3 from SDSC SHAR, Sriharikota. The propulsion module will carry the lander and rover configuration till 100 km lunar orbit. The propulsion module has Spectro-polarimetry of Habitable Planet Earth (SHAPE) payload to study the spectral and Polari metric measurements of Earth from the lunar orbit.

Lander payloads: Chandra's Surface Thermophysical Experiment (ChaSTE) to measure the thermal conductivity and temperature; Instrument for Lunar Seismic Activity (ILSA) for measuring the seismicity around the landing site; Langmuir Probe (LP) to estimate the plasma density and its variations. A passive Laser Retroreflector Array from NASA is accommodated for lunar laser ranging studies.

Rover payloads: Alpha Particle X-ray Spectrometer (APXS) and Laser Induced Breakdown Spectroscope (LIBS) for deriving the elemental composition in the vicinity of landing site.

IAFI letter to newly appointed Secretary, DoT regarding delicensing lower 6GHz band for Wi-Fi

President IAFI in a letter to the newly appointed Secretary, DoT shri Apurva Chandra, requested for urgent delicensing of the lower 6GHz band to support consumer internet interest and innovation in the country. Highlighting the Hon'ble PM quote that technology is a tool for the nation's progress, universal and meaningful internet connectivity is necessary to all citizens to enjoy the benefits of numerous applications developed under Digital India campaign. It was also pointed out in the letter that in a recent study conducted by CUTS, poor families of rural area with more family members are trapped in a vicious Wi-Fi exclusion trap, due to lack of Wi-Fi services and all family members cannot afford separate data connection from mobile operators. As more than 60 countries in the world has already delicensed 6 GHz band for Wi-Fi use, India should also consider license-exempt lower 6GHz band, to decongest the existing Wi-Fi bands like its contemporaries.

AUGUST HIGHLIGHTS

Open House Discussion (OHD) on convergence of Broadcasting and Telecommunications: Telecom Regulatory Authority of India (TRAI) organized an Open House Discussion (OHD) on Wednesday, 23rd August 2023 regarding their consultation paper on "Regulating Converged Digital Technologies and Services – Enabling Convergence of Carriage of Broadcasting and Telecommunication services". IAFI participated in the discussion and presented its response.

IAFI submitted Comments on the questioner issued by IN-SPACe: IAFI drafted comments on the questioner circulated by IN-SPACe, to work out a strategy for regulating and strengthening ecosystem for meeting the SATCOM requirements in the country. IN-SPACe through the questioner requested stakeholders to provide inputs, to ascertain the projection of satellite capacity demand to meet the requirements of various SATCOM applications in the country, for next five and ten years.

TSDSI Standards ATSA 3.0 being considered as a National Standard by TEC: Telecommunication Engineering Centre (TEC) in constituting Telecom Standards Advisory Committee (TSAC), a prestigious committee, for adoption of TSDSI standards ATSC 3.0, as National Standard by Telecommunications Engineering Centre (TEC). IAFI has asked TEC to nominate IAFI as a member.

Media Showcase: Following Items relating to IAFI were covered in the media

1. IAFI Calls for priority to consumer's internet needs in the 6GHz discussions (Communication Today)

2. IAFI Calls for dedicated spectrum for industrial 5G networks (Communication Today)

3. India at cusp of convergence of landline, wireless services: DoT **(ET Telecom)**

4. **6ᵗʰ National Preparatory Workshop for WRC-23 (Communication Today)**

5. IAFI counter comments on the TRAI Consultation for satellite spectrum (Communication Today)

6. **ITU Approves 6G Vision Framework (ET Telecom)**

7. technology framework - The Economic Times (indiatimes.com)

8. ITU accepts India's inputs on 6G technology framework |Communications Today

9. https://www.thehindubusinessline.com/

10. https://affairscloud.com/current-affairs-24-june-2023/?amp

11. https://www.6gworld.com/exclusives/itu-6g-standardisation-ready-no-later-than-2030/

12. https://www.amarujala.com/amp/india-news/itu-telecom-body-of-the-united-nations-acceptedindia-suggestions-on-the-6g-technology-framework-2023-06-30

13. https://jantaserishta.com/amp/business/un-telecom-body-itu-accepts-indias-inputs-on-6gtechnology-framework-2523041

14. https://www.outlookindia.com/business/un-telecom-body-itu-accepts-india-s-inputs-on-6gtechnology-framework-news-299186/amp

15. https://www.millenniumpost.in/amp/business/un-telecom-body-itu-accepts-indias-inputs-on-6gtechnology-framework-523854

16. https://india.postsen.com/local/amp/756847

RECENT IAFI EVENTS

ITU-APT Foundation of India
Welcome Dinner
AK Sahu - Members S DCC & SK Jain - DG Telecom

Insights

Upcoming Iafi Event

[Register](#)

Links to our Activities & Programmes

1) Letter to Minister of External Affairs on Delicensing of 6GHz band

2) Letter to Secretary DoT on Important issues awaiting solution in the telecom sector

3) Letter to DDG TEC for Nomination to join the member of TSAC

4) Letter to MOC on Policy for 5G Network for Industries

3) TRAI Consultation on REVIEW OF TERMS AND CONDITIONS OF PMRTS AND CMRTS LICENSES
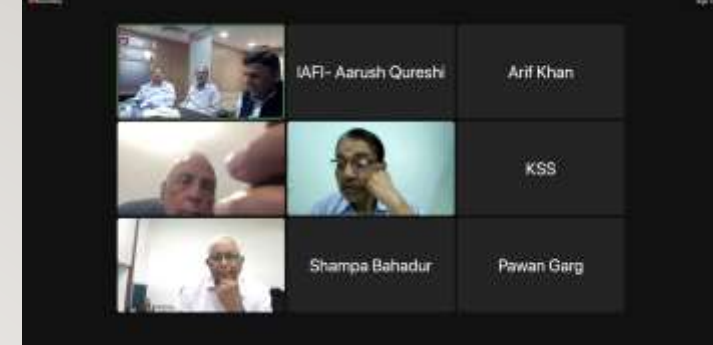
5) Comments on TRAI Consultation paper on OTT communication services and selective banning of OTT Services

6) Letter to MOS on 6G standardisation Roadmap

7) Letter to MOC on the License exempt use of 6GHz

IAFI
Membership

ITU-APT Foundation of India (IAFI) is a non-profit, non-political, non-partisan Industry foundation registered as a society under the Societies Registration Act, 1960. IAFI is working for the last 20 years with the prime objective of encouraging the involvement of professionals, corporate, public/private sector industries, R&D organizations, academic institutions, and such other agencies engaged in the development of Indian Telecom sector. **18th EC meeting of IAFI held on 11-07-2023:** The 18th Meeting of the Executive Committee of IAFI was held on 11-07-2023, to discuss the statement of financial position of the IAFI and to finalize the agenda for the upcoming AGM meeting. Many other major issues like enhancing of the membership fee of corporates and individuals and draft guidelines for inactive members for more than two years were also discussed in detail. It was decided in the meeting that annual AGM will be held on 22-09-2023 at CSOI, K G Marg, New Delhi from 1600 onward, followed by dinner.

The benefits provided to the members include an invitation to all the events of the Foundation which include: Training programs, seminars, workshops, etc. conducted by the society on a complimentary basis, EC Members shall have access to information related to ITU and APT and other telecom journals where members can subscribe. Members are eligible to participate in ITU-T, ITU-D, and APT activities under our membership.

The individual Membership Fee of IAFI has been reversed to the previous fee that was applicable since the beginning.

Please click: Membership details

ACTIVITIES IN OUR focus AREAS DURING JULY 2023

IAFI submitted a contribution, for creating a new work item regarding the "use of Low Bit Rate Data Application through Satellite for connecting IoT devices, to be used in remote area" for the upcoming meeting of SG-20 of ITU-T, likely to be held at Arusha, Tanzania from 13 th to 22 nd Sept, 2023..

IAFI has submitted an information contribution on the spectrum needs of Programme Making & Special Events (PMSE) Industry to the upcoming 6th meeting of the APT Conference Preparatory Group for WRC-23 (APG23-6) being held from 14th to 19th August 2023 at Brisbane, Australia under Agenda Item 1.5 of WRC- 23. Shri Bharat Bhatia, President, IAFI and Shri Jitendra Singh, Vice President will physically join the meeting along with Indian delegation. Many IAFI delegates will attend the meeting virtually. Programme Making & Special Events (PMSE) includes wireless applications used in making professional audio/video/film etc. and staging or performance of concerts, musicals entertainment, meetings, conferences, cultural and educational activities, trade fairs, sport, religious, and many types of public or private events. IAFI through this contribution provided information on the spectrum challenges faced by the PMSE industry worldwide, as available spectrum for PMSE applications below 1 GHz, has been shrinking over time, due to deployments of 3G, 4G and 5G mobile services.

Neeraj Mittal becomes new telecom secretary
Neeraj Mittal was serving as the Principal Secretary of Information Technology Department, government of Tamil Nadu.
Previously, the official worked as the Managing Director & CEO of Guidance Tamil Nadu. Prior to his stint as Senior Advisor at World Bank Group, and served as Joint Secretary in the Ministry of Petroleum and Natural Gas.

The Telecom Regulatory Authority of India (TRAI) has released a Consultation Paper on Review of Terms and Conditions of PMRTS and CMRTS Licenses.
Since the last decade of the 20th century, the world has witnessed extraordinary growth in the use of wireless communication systems, from cellular and cordless phones and radio-based fleet management systems to radio and television broadcasting, cognitive radio, and International Mobile Telecommunications 2020. At the same time, radio1 has become a vital technology for a growing number of essential public services such as intelligent transport systems, global positioning systems, and emergency radio communication systems.
The consultation paper has been sent to IAFI members for comment.