



Subject: Open House Session on 10th November 2022 on Role of Standard Setting Organisation for the Broadcasting Sector in India' - reg.

Worldwide Standards play important role in international trade, technology, and quality of life. Standardised methods and protocols can help in ensuring the safety, quality and reliability of products and services. Standards facilitate trade by improving systems and business processes as well as help in ensuring environment safety; they reduce waste, cut costs and ensure consistency. Globally, Standards bring technological, economic and societal benefits. Standards help to harmonize specifications of products and services, making industry more efficient and encouraging economic development breaking down barriers to international trade.

In the era of digitalisation and complex emerging technology in the fields ranging from automotive to telecommunications, Standards can help simplify things and in overcoming the technical challenges. Adoption of Standards create a level playing field which provides access to new markets to Start-ups/ MSMEs. Standards strengthen the initiatives of Government of India under “Atma Nirbhar Bharat Abhiyan” and “Make In India” mission. Moreover, Conformity to standards can reassure consumers that products and services are safe, efficient and environmentally responsible.

2. International Standards development organizations such as the ASME(USA), IEC, IESBA, ISO, ITU, IEEE, IETF, ETSI, APT, WRC, etc are contributing the overall development of the society and may such international standards bodies are working on developing standards for convergence of telecom and broadcasting. Information pertaining to the Standards of International Telecom Union (ITU) can be accessed at <https://www.itu.int/en/ITU-T/publications/Pages/recs.aspx> and that of ETSI at <https://www.etsi.org/standards#Pre-defined%20Collections>. ITU has specific Study Groups (SGs) that focus primarily on broadcasting.

3. Department of Telecommunications (DoT) is the nodal department representing the Government of India in the ITU. Further, Telecommunication Engineering Centre (TEC) under DoT is the nodal organisation coordinating the Indian activities corresponding to the various ITU-T SGs with the aim to address India specific concerns in ITU recommendations and to facilitate Indian contributions in framing these recommendations/ standards. Furthermore, TEC is the technical wing of DoT and is recognized as the Standards Setting Organisation (SSO) in the field of telecom and related ICT sector in the country. It formulates standards and specifications such as Generic Requirements, Interface Requirements, System Requirements and Essential Requirements for telecom and related ICT equipment, networks, systems and services by following a consultative process in framing / adopting standards and these Standards / Specifications are widely acknowledged by the OEMs, Manufactures, buyers, Industry Associations, etc of the relevant areas.

4. TEC is also actively contributing in the standards development organizations, viz., ITU, ETSI, APT, WRC, etc. and also interacts with other international fora, viz., 3GPP, ETSI, IETF, One M2M, etc. TEC proactively interacts with stakeholders and industry associations, viz., COAI,

ISPAI, BIF, TEPC, VSAI, TEMA, CMAI, FICCI, CII, etc. TEC is also the designated agency for adopting various international standards by incorporating the national requirements and national priorities so that they become National Standards. Some examples of standards recently adopted by TEC include standards of oneM2M and various Releases of 3GPP. TEC has sufficient resources and has a pool of experienced and trained officers and has a network of around 60 accredited labs to deal with standardisation as well as testing and certification activities. TEC framed almost 600 Standards (GRs, IRs, SRs, ERs) and 400 Test Schedules & Test Procedures. As regards to the Broadcasting sector, TEC has recently released standards in case of Hybrid Setup Box and Band Pass Filter for C-Band Satellite Earth Receivers. Information pertaining to the Standards of TEC can be accessed at <https://www.tec.gov.in/>. Keeping in view the expertise and capabilities of TEC, TRAI designated it as the testing and certification agency for the Conditional Access Systems (CAS) and Subscriber Management Systems (SMS) used in broadcasting and cable TV in India.

5. In the converged world, technologies and services of telecom and broadcasting sectors overlap each other. Therefore, there is a need for a Standard setting organisation (SSO) in the broadcasting sector also to adopt International standards and devise new standards/recommendations to address India Specific concerns and promote indigenous equipment. In this context and to explain the significance of Standard setting organisation for Broadcasting sector, TEC has organised **an Open House Session on Thursday, 10.11.2022 at 02.30 pm through video-conferencing** under the Chairpersonship of Sr. DDG & Head, TEC with the concerned stakeholders in Broadcasting sector. Agenda of the Open House session is attached herewith. The meeting link is as under: -

CDoT Meet joining info:-

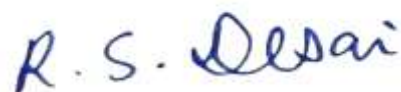
Video Conferencing Link: <https://cdotmeet.cdote.in/vmeet/rak-nwf-dg9-rgo>

Thursday, 10th November 2022 · 2:30 pm onwards

In case of any technical issue in joining the virtual meeting, Sh. Aftab Alam, ADG (C&B), TEC, Mobile No.09433000652, E-mail: adgcb.tec-dot@gov.in, may please be approached.

All concerned are invited to attend the Open House Session.

Looking forward for active participation.



(Rakesh Desai)
Director (C&B-II), TEC.
E-Mail:dircb2.tec-dot@gov.in

Enclosure: Agenda.

To:

The concerned stakeholders in Broadcasting sector.

AGENDA

‘Open House Session On Role of Standard Setting Organisation for the Broadcasting Sector in India’

Date, Time	10th November 2022, 02:30 p.m onwards.	
Venue	Video-conference	
Welcome address		2 min.
Sh. Rakesh Desai, Director (Convergence & Broadcasting-II), TEC		
Keynote Address		5 min.
Sh. Ritu Ranjan Mittar, Senior DDG & Head, TEC		
Context Setting and Presentation on Standards in Telecommunication & ICT areas		15 min.
Sh. Avinash Agarwal, DDG (Convergence & Broadcasting), TEC		
Open House Discussion:		30-40 min.
• Comments / suggestions / Feedback from participants		
Way Forward and Concluding Remarks		5 min.
Sh. Avinash Agarwal, DDG (Convergence & Broadcasting), TEC		

Request:

Kindly ensure the connection to the meeting link 15 minutes prior to the event to help us start on time.