



ITUWRC

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Dubai, United Arab Emirates

Radiocommunication Bureau (BR)

Administrative Circular
CACE/1091

4 December 2023

**To Administrations of Member States of the ITU, Radiocommunication Sector Members,
ITU-R Associates participating in the work of Radiocommunication Study Group 6 and
ITU Academia**

Subject: **Radiocommunication Study Group 6 (Broadcasting Service)**

- **Adoption of 1 new and 8 revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-9 (Procedure for the simultaneous adoption and approval by correspondence)**
- **Suppression of 39 ITU-R Recommendations**

By Administrative Circular [CACE/1076](#) dated 22 September 2023, 1 draft new and 8 draft revised ITU-R Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU-R 1-9 (§ A2.6.2.4). In addition, the Study Group proposed the suppression of 39 ITU-R Recommendations.

The conditions governing this procedure were met on 22 November 2023.

The approved Recommendations will be published by the ITU and Annex 1 to this Circular provides their titles, with the assigned numbers. Annex 2 provides the list of suppressed Recommendations.

Mario Maniewicz
Director

Annexes: 2

Annex 1

Titles of the approved ITU-R Recommendations

Recommendation ITU-R	Title	Doc. No.
BT.2163	Objective measurement algorithm for evaluation of the brightness of high dynamic range television	6/372(Rev.1)
BS.1909-1	Performance requirements for an advanced sound system for use with or without accompanying picture	6/362
BS.1770-5	Algorithms to measure audio programme loudness and true-peak audio level	6/363
BS.1864-1	Operational practices for loudness in the international exchange of digital television programmes	6/364
BT.1702-3	Guidance for the reduction of photosensitive epileptic seizures caused by television	6/365(Rev.1)
BS.2127-1	Audio Definition Model renderer for advanced sound systems	6/371
BS.1615-3	Planning parameters for digital sound broadcasting at frequencies below 30 MHz	6/375
BT.1775-1	File format with editing capability, for the exchange of metadata, audio, video, data essence and ancillary data for use in broadcasting	6/390
BT.2074-2	Service configuration, media transport protocol, and signalling information for MMT-based broadcasting systems	6/393(Rev.1)

Annex 2

List of suppressed ITU-R Recommendations

Recommendation ITU-R	Title
BS.1596-0	Guide to ITU-R Recommendations for broadcast sound production
BS.1734-0	Basic performance requirements for the sound components of large-screen digital imagery applications for presentation in a theatrical environment
BS.2019-0	Audio system for the production and international exchange of 3DTV programmes for broadcasting
BT.1119-2	Wide-screen signalling for broadcasting (Signalling for wide-screen and other enhanced television parameters)
BT.1198-0	Stereoscopic television based on R-and L-eye two channel signals
BT.1439-1	Measurement methods applicable in the analogue television studio and the overall analogue television system
BT.1562-0	Consistency in the alignment of displays in production rooms and control rooms

Recommendation ITU-R	Title
BT.1664-0	Representation of various image aspect ratios into the image of large screen digital imagery applications that use a 16:9 raster
BT.1665-0	Considerations for colour encoding and spatial resolution for large screen digital imagery display
BT.1680-1	Baseband imaging format for distribution of large screen digital imagery applications intended for presentation in a theatrical environment
BT.1689-0	Guidelines on the presentation in large-screen digital imagery environments of programmes that are provided in image formats conforming to Recommendation ITU-R BT.601
BT.1690-0	Assumed characteristics of venues intended for large-screen digital imagery programme presentation in a theatrical environment
BT.1692-1	Optimization of the quality of colour reproduction in digital television
BT.1721-0	Objective measurement of perceptual image quality of large screen digital imagery applications for theatrical presentation
BT.1728-1	Guidance on the use of flat panel displays in television production and postproduction
BT.1789-0	A method to reconstruct received video using transmission error information for packet video transmission
BT.2024-0	HDTV digital image systems for the production and international exchange of 3DTV programmes for broadcasting
BT.2025-0	1280 × 720 digital image systems for the production and international exchange of 3DTV programmes for broadcasting
BT.2050-0	Use of UHDTV image systems for capturing, editing, finishing and archiving high-quality HDTV programmes
BS.1661-0	'Signal-on-the-air' specifications of the digital system described in annex 1 to recommendation ITU-R BS.1514 for digital sound broadcasting in the broadcasting bands below 30 MHz
BT.1125-0	Basic objectives for the planning and implementation of digital terrestrial television broadcasting systems
BT.1299-1	The basic elements of a worldwide common family of systems for digital terrestrial television broadcasting
BT.1727-0	Terrestrial and satellite delivery of programme material to large screen digital imagery venues
BT.1199-1	Bit-rate reduction in the HDTV studio environment
BT.1577-0	Serial digital interface-based transport interface for compressed television signals in networked television production based on Recommendation ITU-R BT.1120
BT.1687-1	Video bit-rate reduction for real-time distribution of large-screen digital imagery applications for presentation in a theatrical environment
BT.1737-0	Use of the ITU-T Recommendation H.264 (MPEG 4/AVC) video source-coding method to transport high definition TV programme material
BT.2000-0	Use of large screen digital imagery Recommendations in video information systems applications
BT.2026-0	Guidelines on the implementation of systems for in-service objective measurement and monitoring of "perceptual transparency" for the distribution chain of SDTV and HDTV programmes
BT.2027-0	Serial Digital Interface for production and international exchange of HDTV 3DTV programmes
BT.2038-0	Transport of HDTV 3DTV programmes for international programme exchange in broadcasting

Recommendation ITU-R	Title
BT.1435-0	Digital sound and television broadcasting interaction channel through the PSTN/ISDN
BT.1507-0	Interaction channel using digital enhanced cordless telecommunications (DECT) system
BT.1508-0	Interaction channel using global system for mobile communications (GSM)
BT.1549-0	Data link protocol for interaction channel
BT.1564-0	Interaction channel using local multipoint distribution systems
BT.1667-0	Terrestrial return channel for interactive broadcasting services operating in the VHF/UHF broadcast band based on Recommendation ITU-R BT.1306
BT.1832-0	Digital Video Broadcast-Return Channel Terrestrial (DVB-RCT) deployment scenarios and planning considerations
BS.1688-0	Baseband sound system and audio source-coding at delivery interfaces of large-screen digital imagery applications
