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| The International Teleocmmunication Union - Connecting the World. | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | Geneva, 25 July 2024 | |
| **Ref:** | **TSB Circular 223**  SG11/DA | **To:**  - Administrations of Member States of the Union  **Copy to:**  - ITU-T Sector Members;  - ITU-T Associates of Study Group 11;  - ITU Academia;  - The Chair and Vice-Chairs of ITU-T Study Group 11;  - The Director of the Telecommunication Development Bureau;  - The Director of the Radiocommunication Bureau | |
| **Tel:** | +41 22 730 5780 |
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| **E-mail:** | [tsbsg11@itu.int](mailto:tsbsg11@itu.int) |
| **Subject:** | **Member State consultation on Determined draft** **Recommendations ITU-T Q.5054 (ex. Q.CCF-CCSD) and ITU-T Q.5010 (ex. Q.UAMS-SRA) proposed for approval at the meeting of ITU-T Study Group 11 (planned in Geneva, 19-28 February 2025)** | | |

Dear Sir/Madam,

1 ITU-T Study Group 11 (Signalling requirements, protocols, test specifications and combating counterfeit telecommunication/ICT devices) intends to apply the Traditional Approval Procedure as described in Section 9 of WTSA Resolution 1 (Rev. Geneva, 2022) for the approval of the above-mentioned draft Recommendations at its next meeting planned to be held in Geneva, 19-28 February 2025. The agenda and all relevant information concerning the ITU-T Study Group 11 meeting will be issued in due time shortly after WTSA-24.

2 The titles, summaries and locations of the draft ITU-T Recommendations proposed for approval can be found in **Annex 1**.

3 This Circular initiates the formal consultation with ITU Member States on whether these texts may be considered for approval at the upcoming meeting, in accordance with clause 9.4 of Resolution 1. Member States are kindly requested to complete and return the form in **Annex 2** by **7 February 2025,** 2359 hours UTC.

4 If 70% or more of the replies from Member States support consideration for approval, one Plenary session will be devoted to apply the approval procedure. Member States that do not assign authority to proceed should inform the Director of TSB of the reasons for this opinion and indicate the possible changes that would enable the work to progress.

Yours faithfully,

Seizo Onoe  
Director of the Telecommunication  
Standardization Bureau

**Annexes:** 2

Annex 1  
Summary and location of Determined draft Recommendations ITU-T Q.5054 (ex. Q.CCF-CCSD) and ITU-T Q.5010 (ex. Q.UAMS-SRA)

# 1 Draft new Recommendation ITU-T Q.5054 (Q.CCF-CCSD) [[SG11-R28](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T22-SG11-R-0028)]

**Consumer centric framework for combating counterfeit and stolen ICT mobile devices**

## Summary

With rapid growth in the reach of the Internet and accelerated adoption and usage of information and communication technology (ICT) during the COVID-19 pandemic, the circulation and use of counterfeit ICT devices has increased considerably. According to an OECD report published in 2017, at that time already nearly one in five mobile phones shipped internationally was fake or counterfeit. The growing trade in counterfeit IT and communications hardware weighs on consumers, manufacturers and public finances.

A counterfeit ICT device is a product that explicitly infringes the trademarks, copies hardware or software designs, or infringes brand or packaging rights of an original or authentic product and, in general, infringes applicable national and/or international technical standards, regulatory requirements or conformity processes, manufacturing licensing agreements or other applicable legal requirements. Major mobile telecommunication/ICT devices include inter alia smartphones, tablets, IoT devices, wearables, modems, dongles and WLAN routers with cellular network connectivity. In addition to counterfeit mobile telecommunication/ICT devices, the use of stolen devices in mobile network also poses a serious security and law and order problem.

The unchecked proliferation of counterfeit and stolen mobile telecommunication/ICT devices in public land mobile networks (PLMNs) poses a serious challenge to regulators, law enforcement agencies (LEA) and end consumers and adversely affects the economy in general. The supply and demand economics of counterfeit and stolen devices complicate attempts to check the local as well as global market scenario for such devices.

Recommendation ITU-T Q.5050 provided a reference framework with high-level challenges and requirements that should be considered when deploying solutions to combat the circulation and use of counterfeit ICT devices. Further, Recommendation ITU-T Q.5051 provides a 'Framework for combating the use of stolen mobile devices'. It also aims to define possible communication channels and consumer interfaces with platform, indicative query and response formats including approaches for consumer education and awareness. The Recommendation also covers key features of the platform, key security considerations, implementation scenarios and possible technical challenges related inter alia to vendor agnostic interfaces, mobile equipment bulk verification, dealing with devices with replicated unique identifiers and the reporting and handling of stolen or lost mobile telecommunication/ICT devices and their restoration upon recovery.

Therefore, this Recommendation aims to provide a consumer centric framework through a unified platform considering possible scenarios and a multipronged approach for combating counterfeit and stolen mobile telecommunication/ICT devices.

TSB NOTE – As of the date of this Circular, no IPR statements had been received by TSB regarding this draft text. For up-to-date information, members are invited to consult the IPR database at [www.itu.int/ipr/](http://www.itu.int/ipr/).

# 2 Draft new Recommendation ITU-T Q.5010 (ex. Q.UAMS-SRA) [[SG11-R29](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T22-SG11-R-0029)]

**Signalling requirements and architecture for urban air mobility service environment**

## Summary

This Recommendation provides the signalling requirements and architecture for urban air mobility (UAM) services. These requirements include signalling information over each reference point and service procedures for communication between the user equipment (UE), access layer, core layer and service layer for UAM services.

TSB NOTE – As of the date of this Circular, no IPR statements had been received by TSB regarding this draft text. For up-to-date information, members are invited to consult the IPR database at [www.itu.int/ipr/](http://www.itu.int/ipr/).

Annex 2  
Subject: Member State response to TSB Circular 223:  
Consultation on Determined draft new Recommendations ITU-T Q.5054 (ex. Q.CCF-CCSD) and ITU-T Q.5010 (ex. Q.UAMS-SRA)

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| **To**: | Director of the  Telecommunication Standardization Bureau,  International Telecommunication Union  Place des Nations  CH 1211 Geneva 20, Switzerland | **From**: | [Name]  [Official role/title]  [Address] |
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|  |  | **Date**: | [Place,] [Date] |

Dear Sir/Madam,

With respect to the Member State consultation on the Determined draft texts listed in TSB Circular 223, I would like to advise you of the opinion of this Administration, which is set out in the table below.

|  | **Select one of the two boxes** |
| --- | --- |
| **Draft new Recommendation ITU-T Q.5054 (Q.CCF-CCSD)** | **assigns authority** to Study Group 11 to consider this text for approval (in which case, select one of the two options):  No comments or suggested changes  Comments and suggested changes are attached |
| **does not assign authority** to Study Group 11 to consider this text for approval (reasons for this opinion and an outline of possible changes that would enable the work to progress are attached) |
| **Draft new Recommendation ITU-T Q.5010 (Q.UAMS-SRA)** | **assigns authority** to Study Group 11 to consider this text for approval (in which case, select one of the two options):  No comments or suggested changes  Comments and suggested changes are attached |
| **does not assign authority** to Study Group 11 to consider this text for approval (reasons for this opinion and an outline of possible changes that would enable the work to progress are attached) |

Yours faithfully,

[Name]

[Official role/title]

Administration of [Member State]

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