

Last meeting results on Recommendations, Supplements, technical reports

SG13 meeting, Tashkent, 28 October – 6 November 2025

Introduction

Called up by the Collective-letter [3/13](#) (of 17 July 2025), this SG13 meeting was the first meeting (since 2019) that took place outside ITU headquarters.

This SG13 meeting attracted [363 delegates](#) (243 remote only and 120 present in person) and considered **822** documents split as **297** contributions (or 3620 pages of proposals) and 525 TDs. List of contributions may be found in [TD76/PLEN](#).

The opening remarks were delivered by the TSB Director, Mr Seizo Onoe, at the opening SG13 plenary, who, in particular, extended the appreciation to the host, Uzbekistan, for hospitality. Further he said that, we are building intelligent, autonomous networks able to serve a very wide range of applications – many of them in need of extremely high performance; AI is evolving very fast and we are moving fast to ensure that ITU standards keep pace with this evolution.

[TSB MyMeetings platform](#) for remote participation was used to support each session at this Study Group meeting resulting in **253** sessions in total.

Main meeting results

36 outputs were approved/determined/consented/agreed: a total of **20** new Recommendations and two Corrigendums were consented, four new Recommendations were approved, one new Recommendation was determined. In addition, six Supplements to Recommendations, two technical reports and one technical paper were agreed.

One Recommendation was not approved and the work was stopped.

Recommendations approved (Resolution 1 - TAP)

ITU-T Rec. No.	Q	Base text	Status	Title
Y.3261 (Y.trust-TLA)	16/13	TD132/PLEN	New	Framework of Trust Level Assessment for Trustworthy Networking
Y.3188 (Y.LDT-reqs-funcs)	20/13	TD100/PLEN	New	IMT-2020 networks and beyond: requirements and functions for applications demanding large data transmission
Y.3221 (Y.FMSC-LDS)	23/13	TD114/PLEN	New	Fixed, mobile and satellite convergence – Local data switching for IMT-2020 networks and beyond
Y.3222 (Y.FMSC-ConTrans)	23/13	SG13-R10	New	Fixed, mobile and satellite convergence – Functional requirements and functional architecture of the transformer model based unified control entity

Result of the Member State consultation on approving draft new Recommendation Y.3261, Y.3188, Y.3221 and Y.3222 are given in [TD96/PLEN](#), [TD97/PLEN](#) and [TD98/PLEN](#) respectively.

SG13 approved the new Recommendations ITU-T Y.3188, Y.3222 at the opening plenary on 28 October 2025 and the new Recommendations ITU-T Y.3261, 3221, at the closing plenary on 6 November 2025.

Recommendation determined (Resolution 1 - TAP)

ITU-T Rec. No.	Q	Base text	Status	Title
Y.2257 (Y.fdcS)	1/13	TD122/PLEN	New	Service model of federated data cooperation in multi-access edge computing of future networks

Recommendation non-approved (Recommendation A.8 - AAP)

ITU-T Rec. No.	Q	Base text	Status	Title
Y.2086 (Y.DNI-fr)	2/13	TD 191 /WP3 (2022-2024 study period)	New	Framework and Requirements of Decentralized Trustworthy Network Infrastructure

The abovementioned Recommendation was not approved and the work was stopped.

Recommendations consented for Last Call (Recommendation A.8 - AAP)

ITU-T Rec. No.	Q	Base text	Status	Title
Y.2351 (Y.NGNe-CEE)	2/13	TD118/PLEN	New	Capability exposure enhancement in next generation network evolution (NGNe)
Y.2503 (Y.NGNe-O-CPN-reqts)	2/13	TD117/PLEN	New	Computing Power Network - Requirements and framework of NGNe orchestration enhancements for supporting computing power network requirements
Y.3608 (Y.expBDtech-frame)	5/13	TD124/PLEN	New	Requirements and Framework for the exploitation of Big Data/Artificial Intelligence technologies in developing countries
Y.3167 (Y.IMT2020-qos-lstn-req)	6/13	TD125/PLEN	New	Quality of service requirements and framework for supporting deterministic communication services in large scale networks for IMT-2020 and beyond
Y.3403 (Y.IMT2020-QoS-CNC-req)	6/13	TD126/PLEN	New	Coordination of networking and computing in IMT-2020 networks and beyond - Requirements and framework for quality of service
Y.3833 (Y.QKDN-da)	6/13	TD127/PLEN	New	Quantum key distribution networks – Dependability assessment
Y.3834 (Y.QKDN-qos-auto-fa)	6/13	TD128/PLEN	New	Quantum key distribution networks – Functional architecture enhancement for autonomic quality of service assurance
Y.3190 (Y.ReqCapMec-SDNA)	7/13	TD120/PLEN	New	Requirements capability and mechanism of software defined network awareness in heterogeneous networks
Y.3810 Corr 1	16/13	TD88/PLEN	Revised	Quantum key distribution network interworking - Framework

Y.3818 Corr 1	16/13	TD89-R1/PLEN	Revised	Quantum key distribution network interworking – Architecture
Y.3831* (Y.QKDN-nq-fa)	16/13	TD129/PLEN	New	Integration of quantum key distribution network and user network supporting end-to-end modern cryptography services – Functional architecture
Y.3832 (Y.QKDN-orfr)	16/13	TD130/PLEN	New	Quantum key distribution networks – framework for orchestration
Y.3063 (Y.IMT2020-MEVE-req-frame)	20/13	TD103/PLEN	New	Future networks including IMT-2020 - Framework and requirements for measurement of effectiveness of autonomous networks
Y.3064 (Y.KM-AN)	20/13	TD104/PLEN	New	Knowledge Management for Autonomous Networks
Y.3192 (Y.CNAO)	20/13	TD105/PLEN	New	Requirements and functional framework for Customer-oriented Network Quality Auto Optimization with Artificial Intelligence
Y.3327 (Y.IMT2020-NCE-fra)	20/13	TD106/PLEN	New	Future networks including IMT-2020 – Framework for network complexity evaluation
Y.3402 (Y.M&O-CNC-fra)	21/13	TD108/PLEN	New	Coordination of networking and computing in IMT-2020 networks and beyond – Management and orchestration
Y.3168 (Y.DT-NS)	21/13	TD109/PLEN	New	Digital Twin for Network Slicing in IMT-2020 networks and beyond
Y.3169 (Y.REOUPF)	21/13	TD110/PLEN	New	Resource Efficiency Optimization for managing User Plane Function in IMT-2020 networks and beyond
Y.3189 (Y.STI-NS)	21/13	TD111/PLEN	New	Network slicing in satellite-terrestrial integration in IMT-2020 networks and beyond
Y.3225 (Y.FMSC-CNC)	23/13	TD112/PLEN	New	Fixed, mobile and satellite convergence – Coordination of networking and computing for IMT-2020 networks and beyond
Y.3226 (Y.FMSC-IoT)	23/13	TD113/PLEN	New	Fixed, mobile and satellite convergence – Requirements and framework of supporting IoT for IMT-2020 networks and beyond

* On 3 November 2025 ETRI submitted the generic patent declaration for the draft new Recommendation ITU-T Y.3831 *"Integration of quantum key distribution network and user network supporting end-to-end modern cryptography services – Functional architecture"*. This information was duly registered in the [ITU-T patents declaration database](#).

The AAP Last Call for the abovementioned 22 draft Recommendations and Corrigendums starts on 15 November 2025.

Supplements agreed to (Recommendation A.13)

ITU-T Supplement No.	Q	Base text	Status	Title
Supplement 95 to Y.3000-series (Y.Supp-OSE-UC)	1/13	TD123/PLEN	New	Use cases of open service environment for future networks
Supplement 94 to Y.2300-series (Y.Suppl.UC-NRS-DLT)	2/13	TD119/PLEN	New	Use cases of network resource sharing based on distributed ledger technology for supporting large-scale deep learning models
Supplement 96 to ITU-T Y-series (Y.sup.mlsr)	17/13	TD115/PLEN	New	Machine learning standardization roadmap
Supplement 97 to ITU-T Y-series (Y.sup.mlglossary)	17/13	TD116/PLEN	New	Glossary of terms and definitions for machine learning
Supplement 98 to ITU-T Y.3800-series (Y.supp.TC-QN)	16/13	TD134/PLEN	New	Technical considerations towards quantum network
Supplement 59 to ITU-T Y.3100-series	21/13	TD133/PLEN	Revised	IMT-2020 and beyond standardization roadmap

Technical Reports agreed to (Recommendation A.13)

ITU-T Doc. No.	Q/group	Base text	Status	Title
YSTR.ISAC-fra	20/13	TD107/PLEN	New	Considerations on integrated sensing and communication in IMT-2020 networks and beyond
YSTR.Emerging-web	22/13	TD121/PLEN	New	Network enhancement for supporting emerging web technologies for digital assets management

Technical Paper agreed to (Recommendation A.13)

ITU-T Doc. No.	Q/group	Base text	Status	Title
YSTP.DataInfra-Web3	16/13	TD131/PLEN	New	Trustworthy data infrastructure for emerging web