

Executive Summary of Meeting of ITU-T Study Group 3
Tariff and accounting principles and international telecommunication/ICT
economic and policy issues
Geneva, 23 April - 2 May 2019

Hot topics:

- OTTs, and OTT bypass, Guidelines on OTT-MNO partnerships; Economic impact of OTTs; Customer redress mechanism and consumer protection;
- Economic impact of SIMBOX bypass
- Economic impact of convergence of technology and services and the role of the Regulator
- Universal services obligations for OTT service providers
- Mobile Financial Services (MFS)
- Consumer protection in mobile financial services
- Interoperability for competition in mobile financial services
- Guidelines for MOU between telecommunications regulators and central banks
- MFS cost model
- Definition of relevant markets and regulation of mobile financial services
- Tariff, economic and policy issues related to mobile financial services
- Direct carrier billing
- Policy framework including principles for digital identity infrastructure
- Tariff and business model of connected car service
- Colocation and access charges
- 'double charging' in terms of accounting/settlement mechanisms for international telecommunications services
- Trans-multi-country terrestrial cable resource sharing
- Principles for tariff regulation of data services
- Quantifying the economic value and impact of the Internet
- Policy and regulatory aspects related to IMT-2020
- Future of regulation for digital transformation
- Implementation status of Recommendations ITU-T D.98 and D.97
- Cost models on roaming with related economic and policy issues
- Guidelines on competition
- Framework and cost model for the competitive provision of international Internet connectivity (IIC)
- Economic impact of exchange points; regional traffic exchange via Internet exchange points (IXPs)
- Economic and policy aspects of Big Data
- Framework and principles for data protection in the context of big data relating to international telecommunication services

- Roaming aspects of IoT and M2M including any related development and tariff principles
- Quantifying cross-border market power.

Meeting output:

- Approved (TAP) **3** new ITU-T Recommendations. Details are in Annex A a).
- Determined (TAP) one draft new draft ITU-T Recommendation in accordance with WTSA-16 Resolution 1, Section 9. See also Annex A d).
- Agreed 9 reports of the Focus Group on Digital Financial Services (FG-DFS) to be published as SG3 Technical Reports. Details are in Annex A c).
- **7** new work items were agreed to be added to the SG3 work programme, details are in Annex B; two work items were removed from the work programme, details are in Annex C.
- Finalized a questionnaire on the implementation status of Recommendations ITU-T D.98 and D.97, to be issued in a TSB Circular letter 168 Cor.1 issued 14 May 2019 to all Member States and all ITU-T Sector Members.

Next SG3 meetings:

- Final SG3 meeting in this study period: March/April 2020 or June 2020 (tbc) incl. SG3 mini-workshop on measurement methods to capture the economic value of the Internet.
- Interim Rapporteur Group Meetings: 10 Questions plan to hold RGMs.
- 5 Regional Group meetings of SG3 are planned.

Bridging the Standardization Gap (BSG):

- Welcome and guided tour for newcomers;
- SG3 newcomers session held by SG3 Mentor Ms Karima Mahmoudi.

WTSA-20 preparation:

- SG3 has started the preparations for WTSA-20. A dedicated new Correspondence Group was created.

Tutorial presentations:

- Special session on Economic and Policy aspects of IoT given by TSB.
- ITU-T Leadership training by TSB.
- Tutorial and live demo on ITU-T MyWorkSpace by TSB.

Participation:

- 101 participants (108 last time) attended: 46 Member States, seven ITU-T Sector Members, one Associate to SG3, and one other entity dealing with telecommunications were present.

- 19 partial fellowships were granted to Argentina, Burkina Faso, Cameroun, Chad, Comoros, Congo DRC, The Gambia, Guinea, Haiti, Mauritania, Sudan, Togo, Uganda, Uganda, Zimbabwe; of which three fellowships did not attend.
- United Arab Emirates participated for the first time in SG3.
- SG3 Vice Chairmen absent (3/13): Mr. Alexey BORODIN (Russian Federation), Mr. Raynold MFUNGAHEMA (Tanzania), and Mr. Muneer ELMAKI (Sudan) were not able to participate in this meeting.

Correspondence Group:

- CG-SG3-WTSA-20prep (Correspondence Group on SG3 preparation for WTSA-20) was established.

Meeting input and organization:

- Contributions: 84 (one contribution was requested to be withdrawn) - stable (last meeting: 86).
- Contributions # from: Africa (35), the Americas (15), Asia (26), Arab States (6), Europe (2), CIS (1).
- TDs: 186 (previous meeting: 158), including 68 incoming liaison statements and 19 outgoing liaison statements.
- 4 sequential WP sessions with live interpretation in 6 official UN languages, 2 ad-hoc sessions, 3 plenary sessions; daily management team meetings; no remote participation.

Annex A
Actions taken on Recommendations, and other texts at the 26 April 2019 and 2 May 2019 SG3 plenary sessions

a) TAP Recommendations approved (WTSA-16 Resolution 1):

The SG3 plenary meeting approved (TAP) three draft new ITU-T Recommendations in accordance with WTSA-16 Resolution 1, Section 9.

Q	Acronym	Title	New / Revised	Editor(s)	Location of text	Start of work	Timing
2/3	D.198	Principles for unified format of price/tariffs/rates-lists used for exchanging telephone traffic	New	Dmitry Cherkesov, Alexander Yakovenko	TD145/PLEN	2016-03	2019-04
9/3	D.262	Collaborative framework for OTTs	New	Ahmed Said	SG3-R11	2015-03	2019-04
12/3	D.263	Costs, charges and competition for Mobile Financial Services (MFS)	New	Abdul N. Musoke, Ahmed Said	TD153/PLEN	2016-03	2019-05

Approval of the above Recommendations is reflected in TSB Circular 166 of 8 May 2019.

b) TAP Recommendations not approved (WTSA-16 Resolution 1):

None.

c) Amendment approved, Supplements agreed, Technical Reports/Papers agreed, Implementer's guide approved:

No Amendments or Implementer's guide were approved, no Supplements were agreed. The meeting agreed the following nine FG-DFS reports to be published as SG3 Technical Reports:

Q	Acronym	Title	New / Revised	Editor(s)	Location of text	Start of work	Timing
12/3	DSTR-DFSECO	ITU-T Technical Report Digital Financial Services – The Digital Financial Services Ecosystem ¹	New		See embedded URL in title	2018-04	2019-05
12/3	DSTR-DFSREG	ITU-T Technical Report Digital Financial Services – Regulation in the Digital Financial Services Ecosystem	New		See embedded URL in title	2018-04	2019-05

¹ Also assigned to ITU-T SG2 and 16

Q	Acronym	Title	New / Revised	Editor(s)	Location of text	Start of work	Timing
12/3	DSTR-SNDL	ITU-T Technical Report Digital Financial Services – Impact of Social Networks on Digital Liquidity	New		See embedded URL in title	2018-04	2019-05
12/3	DSTR-DFSCA	ITU-T Technical Report Digital Financial Services – Competition Aspects of DFS	New		See embedded URL in title	2018-04	2019-05
12/3	DSTR-DFSRP	ITU-T Technical Report Digital Financial Services – The Regulator's Perspective on the Right Timing for Inducing Interoperability	New		See embedded URL in title	2018-04	2019-05
12/3	DSTR-DFSPI	ITU-T Technical Report Digital Financial Services – Access to payment infrastructures	New		See embedded URL in title	2018-04	2019-05
12/3	DSTR-DFSUAAFR	ITU-T Technical Report Digital Financial Services – Review of DFS User Agreements in Africa: A Consumer Protection Perspective	New		See embedded URL in title	2018-04	2019-05
12/3	DSTR-DFSCP	ITU-T Technical Report Digital Financial Services – Commonly identified Consumer Protection themes for Digital Financial Services	New		See embedded URL in title	2018-04	2019-05
12/3	DSTR-DFSMR	ITU-T Technical Report Digital Financial Services – FG DFS recommendations report²	New		See embedded URL in title	2018-04	2019-05

d) Recommendations determined (TAP – WTSA-16 Resolution 1):

The SG3 plenary meeting determined (TAP) one draft new ITU-T Recommendation in accordance with WTSA-16 Resolution 1, Section 9.

Q	Acronym	Title	New / Revised	Editor(s)	Location of text	Start of work	Timing
3/3	D.264 (D.SpectrumShare)	Shared use of spectrum and telecommunication infrastructure as possible methods for enhancing the efficiency of telecommunications	New	Arseny Plossky	SG3 – R17 (TD144/PLEN)	2016-03	2019-04

² Also assigned to ITU-T SG2 and 16

Information on the Member States consultation is available in TSB Circular 167 issued xx May 2019. Further updates will be posted at <https://www.itu.int/en/ITU-T/studygroups/2017-2020/03>

Annex B New Work Items

The following seven new work items were agreed to be added to the SG3 work programme:

Q	Acronym	Title	New/ Revised	Approval process	Editor(s)	Document	Timing*
					Supporting members		
2/3	STUDY_doublecharging	Study on 'double charging' in terms of accounting/settlement mechanisms for international telecommunications services	New	Agreement	Vinod Kotwal, India; Pradeep Kumar Shukla, India	NWI template: SG3-R15 Annex A Attachment 1 (TD28/WP1) Base text: C310 Annex	2021- 2024
					Cameroon, China, SONATEL.		
3/3	STUDY_IMT2020MVNOs	IMT2020-related policy considering MVNOs	New	Agreement	Zuhair Al-Zuhair, Kuwait	NWI template: SG3-R16 Annex A Attachment 1 (TD39-R1/WP2) Base text: C249	2020
					Bahrain, China, Comoros, Egypt, Etisalat, The Gambia, India, Jordan, Kuwait, Morocco, Oman, Palestine, Saudi Arabia, Sudan, Tunisia, United Arab Emirates.		
3/3	STUDY_DTRANS	Future of regulation for digital transformation	New	Agreement	Zuhair Al-Zuhair, Kuwait	NWI template: SG3-R16 Annex A Attachment 2 (TD40-R1/WP2) Base text: C250	2020
					Bahrain, Comoros, Egypt, Etisalat, India, Jordan, Kuwait, Morocco, Oman, Palestine, Saudi Arabia, Sudan, Tunisia, United Arab Emirates.		
6/3	STUDY_D52GUIDE	Guidelines on implementation of Recommendation ITU-T D.52 focusing on operationalization of regional Internet exchange points	New	Agreement	Hilda Mutseyekwa, Zimbabwe; Aminata Drame, SONATEL, Senegal	NWI template: SG3-R18 Annex A Attachment 1 (TD20/WP3) Base text: C261	2020
					Cameroon, China, Côte D'Ivoire, Haiti, Egypt, Mali, São Tomé e Príncipe, Senegal, Zimbabwe.		

7/3	TR_IoTM2M_roaming	Roaming aspects of IoT and M2M including any related economic and tariff principles	New	Agreement	Adel Darwish, Bahrain	NWI template: SG3-R19 Annex A Attachment 1 (TD19-R3/WP4) Base text: C308	2020
					Jordan, Paraguay, Rwanda, Tunisia, Zimbabwe.		
7/3	D.IoT/M2M Roaming	Roaming aspects of IoT and M2M including any related development and tariff principles	New	TAP	Adel Darwish, Bahrain	NWI template: SG3-R19 Annex A Attachment 2 (TD19-R3/WP4) Base text: C130 , C139	2020
					India, Tunisia.		
12/3	STUDY_DCB	Direct Carrier Billing	New	Agreement	Ahmed Said, Egypt	NWI template: SG3-R16 Annex A Attachment 3 (TD41-R1/WP2) Base text: C307	2020
					Bahrain, Brazil, Côte d'Ivoire, The Gambia, Haiti, Jordan, India, Kuwait, Mauretania, Saudi Arabia, Tunisia.		

Notes:

* Target date for determination of Recommendations or for agreement of Supplements or non-normative text

Annex C Work items Removed

Two work items were removed from the work programme.

Q	Work Item	Subject / Title	Status	Approval process	Editor(s)	Base text(s) (Date)	Timing
7/3	D.IoTRoaming	Roaming for the Internet of Things (IoT)	Removed	TAP	Alexey Borodin Oleg Mironnikov	C130 (2016-01) TD15/WP4 (2019-04)	TBD
7/3	D.M2MRoaming	Roaming for Machine to Machine Communications (M2M)	Removed	TAP	Byoung Nam Lee Wala Turki Latrous	C139 (2015-12) TD15/WP4 (2019-04)	2017/2018