



INTERNATIONAL TELECOMMUNICATION UNION

**TELECOMMUNICATION
STANDARDIZATION SECTOR**

STUDY PERIOD 2022-2024

SG11-TD97/GEN

STUDY GROUP 11

Original: English

Question(s): 3/11

Geneva, 6-15 July 2022

TD

Source: Rapporteur and Acting Rapporteur Q3/11

Title: Draft Report of Q3/11 meeting “Signalling requirements and protocols for emergency telecommunications” (Geneva, 6-15 July 2022)

Contact: Xiaojie ZHU
China Telecom
China
Tel: +86 20 38639248
E-mail: zhuxiaojie@chinatelecom.cn

Contact: Biren KARMAKAR
Centre for Development of Telematics
India
E-mail: biren@cdot.in

1	Introduction.....	3
1.1	IPR Call	3
2	Documentation and emailing lists	3
2.1	Documentation	3
2.2	Emailing list subscription	3
3	Results.....	4
3.1	Question 3/11 summary.....	4
3.2	Draft Recommendations for Approval	4
3.3	Recommendations proposed for Consent in accordance with Rec. A.8.....	4
3.4	Other documents for Approval/Agreement	4
3.5	New work items.....	4
4	Discussions	4
4.1	Incoming Liaison Statements	4
4.2	Outgoing liaison statements	7
4.3	Discussion of contributions	7
5	Work programme.....	7
5.1	New/deleted work items	7
5.2	Updated work programme	8
6	Future meetings	8
6.1	Question meetings at the next SG11 meeting.....	8
6.2	Interim Rapporteur Group meetings.....	8
7	Other business.....	9

Annex A 10

Annex B 11

Annex C 12

1 Introduction

Question 3/11 was addressed in three sessions during the ITU-T SG11 meeting in Geneva, on 6-15 July 2022, under the chairmanship of Ms Xiaojie Zhu (China Telecom, China), assisted by Mr Biren KARMAKAR (Centre for Development of Telematics, India), who was appointed as Acting Rapporteur for this particular SG11 meeting. The group adopted the agenda in [SG11-TD78-R1/GEN](#).

The agenda was approved with some modifications.

The objectives for this meeting were:

- Progress the ongoing work item Q.Sig_Req_ETS_IMS_roaming;
- Consider any other new work items;
- Review the incoming liaison statements and prepare oLS as needed;
- But not limited to.

1.1 IPR Call

The Rapporteur, Ms Xiaojie Zhu, reminded the meeting participants of the ITU-T IPR Policy (see <http://www.itu.int/en/ITU-T/ipr/Pages/default.aspx>) and asked those present whether anyone had knowledge of intellectual property rights issues, including patents, copyright for software or text, marks, the use of which may be required to implement or publish the Recommendation being considered.

The Rapporteur reminded the participants that any ITU-T member organization putting forward a standardization proposal should draw the attention of the TSB Director to any known or pending patent and any other applicable IPR issues.

No declarations were made during the plenary.

2 Documentation and emailing lists

2.1 Documentation

The list of contributions for the meeting is found in Annex A.

A list of documents provided by TSB is available in [SG11-TD61/GEN](#) and subsequent revisions.

The following documents were examined:

Contributions	C-1 ; C-42 ; C-62
TDs	SG11-TD1720/GEN ; SG11-TD1819/GEN
LSs	TD3/GEN ; TD4/GEN ; TD5/GEN ; TD6/GEN ; TD7/GEN ; TD8/GEN ; TD9/GEN ; TD10/GEN ; TD11/GEN ; TD12/GEN ; TD17/GEN ; TD18/GEN ; TD22/GEN ; TD23/GEN ; TD25/GEN ; TD26/GEN ; TD27/GEN ; TD28/GEN ; TD30/GEN ; TD32/GEN ; TD33/GEN ; TD34/GEN ; TD35/GEN ; TD36/GEN ; TD49/GEN ; TD55/GEN ; TD115/GEN ; TD116/GEN ; TD117/GEN ; TD118/GEN ; TD128/GEN ; TD130/GEN ; TD131/GEN ; TD133/GEN ; TD134/GEN ; TD135/GEN ; TD141/GEN

2.2 Emailing list subscription

E-mail correspondences pertaining to the activities of this group are routinely conducted using the e-mail reflector t2sg11q3@lists.itu.int. Those wishing to subscribe or unsubscribe to this or other

SG11 email reflectors should visit the mailing list web page at:
<https://www.itu.int/en/ITU-T/studygroups/2022-2024/11/Pages/ifa-structure.aspx>

3 Results

3.1 Question 3/11 summary

Question 3/11 handled three contributions and a couple of incoming liaison statements during the meeting.

The ToR of Q3/11 contained in contribution [C1](#) was reviewed during the meeting. The participants are encouraged to submit contributions to Q3/11 to facilitate the emergency telecommunications relevant studies under the mandates of Q3/11.

The contribution [C42](#) from China Telecom proposed some typical use cases to draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming. The meeting agreed to add the proposed use cases in Appendix I with editorial modifications. The contribution was accepted with modification. The contribution [C62](#) from China Telecom proposed some modifications to signalling procedure and security requirements to draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming. The contribution was accepted with modification.

The updated output of draft ITU-T Q.Sig_Req_ETS_IMS_roaming was contained in [SG11-TD179/GEN](#). Q.Sig_Req_ETS_IMS_roaming was planned to send for consent in December 2022 WP1/11 meeting. 2 interim Rapporteur Group Meetings of Q3/11 were planned in September 2022 and November 2022, respectively.

An outgoing LS informing ITU-T SG2 and 3GPP about the latest progress of draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming was generated during the meeting.

3.2 Draft Recommendations for Approval

None.

3.3 Recommendations proposed for Consent in accordance with Rec. A.8.

None.

3.4 Other documents for Approval/Agreement

None.

3.5 New work items

None.

4 Discussions

4.1 Incoming Liaison Statements

TD number	Title	Action	Discussion
TD3/GEN	LS/i on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) [from TSAG]	Action	Noted
TD4/GEN	S/i on "Call for contribution to ITU FG-AN Build-a-thon 2022" [from FG-AN]	Action	Noted
TD5/GEN	LS/i on terms and definitions proposed by ITU-T SG11 [from SCV]	Information	Noted

TD number	Title	Action	Discussion
<u>TD6/GEN</u>	LS/i on blockchain-related terms and definitions proposed by ITU-T SG20 [from SCV]	Action	Noted
<u>TD7/GEN</u>	LS/i on the consent of ITU-T Y.3528 (formerly Y.ccfrcm) and ITU-T Y.3529 (formerly Y.ccvnf-dm) and the initiation of new work item ITU-T Y.PCNA-frame [from ITU-T SG13]	Information	Noted
<u>TD8/GEN</u>	LS/i on new Recommendation ITU-T Y.3535: "Cloud computing - Functional requirements for container" and revised Recommendation ITU-T Y.3505: " Cloud computing - Overview and functional requirements for data storage federation" [from ITU-T SG13]	Information	Noted
<u>TD9/GEN</u>	LS/i on invitation to review Artificial Intelligence Standardization Roadmap and provide missing or updated information [from ITU-T SG13]	Action	Noted
<u>TD10/GEN</u>	LS/i on invitation to review Big data and data handling standardization roadmap and provide missing or updated information [from ITU-T SG13]	Action	Noted
<u>TD11/GEN</u>	LS/i on work progress on Quantum Key Distribution (QKD) network in SG13 (as of December 2021) [from ITU-T SG13]	Information	Noted
<u>TD12/GEN</u>	LS/i on final deliverables of ITU-T FG-QIT4N [from FG-QIT4N]	Information	Noted
<u>TD17/GEN</u>	LS/i/r on New SG5 "L" recommendation terms and definitions from the SG5 May 2021 meeting (SCV-LS31) [from ITU-T SG5]	Information	Noted
<u>TD18/GEN</u>	LS/i/r on terms and definitions defined in SG3 work items (SG3-LS98) [from ITU-T SG5]	Information	Noted
<u>TD22/GEN</u>	LS/i on initiation of new work item Y.JDEVOP-req "Requirements for joint development and operation for IMT-2020 and beyond" [from ITU-T SG13]	Information	Noted
<u>TD23/GEN</u>	LS/i on initiation of new work item Y.M&O-CNC-fra "Management and orchestration related requirements and framework for computing and network convergence in IMT-2020 networks and beyond" [from ITU-T SG13]	Information	Noted
<u>TD25/GEN</u>	LS/i on the outcomes of FG-QIT4N [from TSAG]	Action	Noted
<u>TD26/GEN</u>	LS/i on Intelligent Transportation Systems (ITS) [from TSAG]	Action	Noted
<u>TD27/GEN</u>	LS/i on Consideration for accessible meetings [from TSAG]	Action	Noted
<u>TD28/GEN</u>	LS/i on terms and definitions from approved new work items [from ITU-T SG16]	Action	Noted

TD number	Title	Action	Discussion
TD30/GEN	LS/i on the progress of DLT standardization in Q22/16 [from ITU-T SG16]	Information	Noted
TD32/GEN	LS/i on Information on the Progress of ITU-R Study Group 6 Rapporteur Group on A Vision for the Future of Broadcasting (RG-FOB) [from ITU-R SG6]	Information	Noted
TD33/GEN	LS/i on the outcomes of the first meeting of the ITU-T Focus Group on Testbed Federations for IMT-2020 and beyond (FG-TBFxG) [from FG-TBFxG]	Information	Noted
TD34/GEN	LS/i on progress of FG-TBFxG and appointment of new Vice-chairmen [from FG-TBFxG]	Information	Noted
TD35/GEN	LS/i/r on the first deliverable on use cases for autonomous networks from ITU FG-AN (FG-AN-LS8) [from 3GPP TSG SA5]	Information	Noted
TD36/GEN	LS/o/r on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) (TSAG-LS47) [to TSAG]	Information	Noted
TD49/GEN	LS/i on deletion of UPT recommendations [from ITU-T SG2]	Action	Noted
TD55/GEN	LS/i on request to update security contacts and to provide information on security-related Recommendations or other texts under development [from ITU-T SG17]	Action	Noted
TD115/GEN	LS/o/r on Call for contribution to ITU FG-AN Build-a-thon 2022 (FG-AN-LS9) [to ITU-T FG-AN]	Information	Noted
TD116/GEN	LS/i/r on deletion of UPT recommendations (SG2-LS3) [from ITU-T SG3]	Information	Noted
TD117/GEN	LS/i/r on terms and definitions proposed by ITU-T SG11 (SCV-TD172 CCV/29) [from ITU-T SG3]	Information	Noted
TD118/GEN	LS/i on TSAG roadmap until WTSA-24 [from TSAG]	Information	Noted
TD128/GEN	LS/i on call for use cases on testbeds federation [from FG-TBFxG]	Action	Noted
TD130/GEN	LS/i on work progress on Quantum-based security in SG17 [from ITU-T SG17]	Information	Noted
TD131/GEN	LS/i on the appointment of a vocabulary rapporteur [from SCV]	Action	Noted
TD133/GEN	LS/i on SG12 liaison representatives to ITU-T Study Groups, SCV and JCAs [from ITU-T SG12]	Information	Noted
TD134/GEN	LS/i on highlights from the first meeting of the Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC) [from JCA-DCC]	Action	Noted
TD135/GEN	LS/i on one approved deliverable of ITU-T FG-AI4EE [from FG-AI4EE]	Information	Noted

TD number	Title	Action	Discussion
TD141/GEN	LS/i on Current Activities of FG-AI4A [from FG-AI4A]	Information	Noted

4.2 Outgoing liaison statements

TD number	Title	To	Related to iLS
SG11-TD180/GEN	LS/o on status of the draft Recommendation Q.Sig_Req_ETS_IMS_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” [to ITU-T SG2, 3GPP]	ITU-T SG2, 3GPP	–

4.3 Discussion of contributions

Contribution	Title	Discussion
SG11-C1	Title, mandate, lead roles, points of guidance and Questions for ITU-T Study Group 11 in the study period 2022-2024	The ToR of Q3/11 contained in contribution C-1 was reviewed during the meeting. The participants are encouraged to submit contributions to Q3/11 to facilitate the emergency telecommunications relevant studies under the mandates of Q3/11.
SG11-C42	Proposed use cases for draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming	This contribution proposes some typical use cases to draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming. The meeting agreed to add the proposed use cases in Appendix I with editorial modifications. The contribution was accepted with modification.
SG11-C62	Proposed modifications to section 9 and 10 of draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming	This contribution proposes some modifications to signalling procedure and security requirements to draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming. The contribution was accepted with modification.

5 Work programme

The SG11 Work Programme can be found at:

https://www.itu.int/itu-t/workprog/wp_search.aspx?sg=11

5.1 New/deleted work items

None.

5.2 Updated work programme

In accordance with the [WORK PROGRAMME DATABASE](#), the current work items for Q3/11 are as follows (*the requested changes are shown in red*):

Q	WI	Title	Editors	Timing	Base Text
Q3/11	Q.Sig_Re q_ETS_I MS_roami ng	Signalling requirements for emergency telecommunication service in IMS roaming environment	Xiaojie Zhu, China Telecom, zhuxiaojie@chinatelecom.cn Jianyin Zhang, ChinaMobile, zhangjianyin@chinamobile.com Zhan Liu, China Telecom, liuzhan22@chinatelecom.cn	2022-12	SG11- TD179/GEN

6 Future meetings

6.1 Question meetings at the next SG11 meeting

Q3/11 is planning to meet again during the next ITU-T SG11 meeting (26 April – 5 May 2023, TBC). Annex B highlights proposals for Q3/11 sessions during next SG11 meeting.

The objectives of the next Q3/11 meeting are:

- Progress on-going work items;
- Consider any other new work items;
- Review the incoming liaison statements and prepare oLS as needed;
- But not limited to.

Details will be posted on the ITU-T SG11 website: <http://itu.int/go/tsg11>.

6.2 Interim Rapporteur Group meetings

Q3/11 proposes to organize the following interim Rapporteur Group meetings for approval by SG11 (see Annex C):

Q	Date	Place / Host	Terms of Reference	Contact
3/11	<i>13-14 September 2022</i>	E-meeting	<ul style="list-style-type: none"> - Progress on-going work item ITU-T Q.Sig_Req_ETS_IMS_ roaming to be ready for consent in December 2022 WP1/11 meeting - But not limited to 	zhuxiaojie@chinatelecom.cn
3/11	<i>28 November - 7 December 2022</i>	Geneva	<ul style="list-style-type: none"> - Progress on-going work item ITU-T Q.Sig_Req_ETS_IMS_ roaming to be ready for consent in December 2022 WP1/11 meeting - Consider any other new work items. - But not limited to 	zhuxiaojie@chinatelecom.cn

Details will be circulated through e-mail reflector t22sg11q3@lists.itu.int and will be posted on the ITU-T SG11 Rapporteur Group meetings website:
<https://www.itu.int/net/ITU-T/lists/rgm.aspx?Group=11&type=interim>.

7 Other business

Q3/11 Rapporteur thanked the delegates and editors for their participation in the Q3/11 activities to progress the work, and particularly the TSB SG11 Advisor, Mr Denis ANDREEV and administrative assistant, Ms. Carolina LIMA for their support during the meeting.

Annex A





List of contributions addressed to Q3/11

C	Source	Title
<u>SG11-C1</u>	World Telecommunication Standardization Assembly (WTSA-20)	Title, mandate, lead roles, points of guidance and Questions for ITU-T Study Group 11 in the study period 2022-2024
<u>SG11-C42</u>	China Telecom	Proposed use cases for draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming
<u>SG11-C62</u>	China Telecom	Proposed modifications to section 9 and 10 of draft Rec. ITU-T Q.Sig_Req_ETS_IMS_roaming







Annex B

Plans of Q3/11 sessions during next SG11 meeting (26 April - 5 May 2023, TBC)

(First week)

	Wednesday, 26 April 2023							Thursday, 27 April 2023							Friday, 28 April 2023						
	0	1	2		3	4	5	0	1	2		3	4	5	0	1	2		3	4	5
Q3/11									R	R											
Sessions times:																					
0 - 0830-0930; 1 - 0930-1045; 2 - 1115-1230; Lunch  1230-1430; 3 - 1430-1545; 4 - 1615-1730; 5 - 1800-1915																					
Keys: R – remote participation via ITU MyMeetings																					

(Second week)

	Monday, 1 May 2023						Tuesday, 2 May 2023						Wednesday, 3 May 2023						Thursday, 4 May 2023						Friday, 5 May 2023												
	0	1	2		3	4	5	0	1	2		3	4	5	0	1	2		3	4	5	0	1	2		3	4	5	0	1	2		3	4	5		
Q3/11										R																											
<div>Sessions times:</div> <div>0 - 0830-0930; 1 - 0930-1045; 2 - 1115-1230; Lunch  1230-1430; 3 - 1430-1545; 4 - 1615-1730; 5 - 1800-1915</div>																																					
<div>Keys: R – remote participation via ITU MyMeetings</div>																																					

Annex C







Proposed Time Schedule for interim Rapporteur Group meetings

Q3/11 Interim RGM e-meetings (13-14 September 2022, e-meeting)





	Monday, 12 September 2022						Tuesday, 13 September 2022						Wednesday, 14 September 2022						Thursday, 15 September 2022						Friday, 16 September 2022										
	0	1	2	3	4	5	0	1	2	3	4	5	0	1	2	3	4	5	0	1	2	3	4	5	0	1	2	3	4	5					
Q3/11								E	E					E	E																				
Sessions times (Geneva time)																																			
Session 0: 0900-1015;						Session 1: 1030-1145;						Session 2: 1200-1315;						Session 3: 1330-1445;						Session 4: 1500-1615;						Session 5: 1630-1745					
Keys: E – e-meeting via ITU MyMeetings																																			

Q3/11 Interim RGM meeting (Geneva, 28 November - 7 December 2022, TBC)

(First week)

	Monday, 28 November 2022							Tuesday, 29 November 2022							Wednesday, 30 November 2022							Thursday, 1 December 2022							Friday, 2 December 2022									
	0	1	2		3	4	5	0	1	2		3	4	5	0	1	2		3	4	5	0	1	2		3	4	5	0	1	2		3	4	5			
Q3/11		R	R														R																					
<div>Sessions times:</div> <div>0 - 0830-0930; 1 - 0930-1045; 2 - 1115-1230; Lunch  1230-1430; 3 - 1430-1545; 4 - 1615-1730; 5 - 1800-1915</div>																																						
<div>Keys: R – remote participation via ITU MyMeetings</div>																																						

(Second week)

	Monday, 5 December 2022							Tuesday, 6 December 2022							Wednesday, 7 December 2022						
	0	1	2		3	4	5	0	1	2		3	4	5	0	1	2		3	4	5
Q3/11		R																			
Sessions times:																					
0 - 0830-0930; 1 - 0930-1045; 2 - 1115-1230; Lunch  1230-1430; 3 - 1430-1545; 4 - 1615-1730; 5 - 1800-1915																					
Keys: R – remote participation via ITU MyMeetings																					