Executive summary of the SG 11 meeting (Geneva, 11-15 June 2012)

Study Group 11 meeting was held in Geneva, from 11 to 15 June 2012 and was attended by 47 delegates from 18 countries. Along with face-to-face meetings, five sessions from various Questions or joint Questions meetings were supported by remote participation capabilities.

1 Consented Recommendations (ITU-T A.8)

The following table shows the 'Consented' draft Recommendations.

#	Question	Recommendation	Status	Title	Final TD PLEN	A.5 justification
1	1/11	**ITU-T Q.3050** (Q. NGN-SigProt)	New	Description of signaling protocols supporting NGN capability sets	TD 148 (PLEN/11)	TD 147 (PLEN/11)
2	5/11	**ITU-T Q.3303.1 v2** (Rw, COPS)	Revised	Resource control protocol no.3- Protocol at the interface between a Policy Decision Physical Entity (PD-PE) and a Policy Enforcement Physical Entity (PE-PE): COPS Profile version 2	TD 152 (PLEN/11)	TD 151 (PLEN/11)
3	5/11	**ITU-TQ.3304.2 v2** (Rc, SNMP)	Revised	Resource control protocol no. 4 SNMP Profile version 2, Protocol at the Rc interface between a Transport Resource Control Physical Entity (TRC-PE) and a Transport Physical Entity (T-PE) (Rc interface)	TD 157 (PLEN/11)	TD 156 (PLEN/11)
4	7/11	**ITU-T Q.3230** (Q.nacp.M13)	New	Signalling Requirements and Protocol at the M13 interface between TLM-PE and NID-PE	TD 150 (PLEN/11)	TD 149 (PLEN/11)
5	15/11	**ITU-T X.603.1 | ISO/IEC 16512-2**	Revised	Information technology – Relayed Multicast Protocol: Specification for simplex group applications	TD 165 (PLEN/11) + Add1 for the revision marked version	TD 166 (PLEN/11)
6	8/11	**ITU-T Q.3940** (Q.SIP-ISDN-IT B)	New	NGN/IMS interconnection tests between network operators at the IMS 'Ic' Interface and NGN NNI / SIP-I	TD 159 (PLEN/11)	TD 160 (PLEN/11)
7	9/11	**ITU-T Q.3912** (Q.monitor_ss)	New	"Monitoring parameters set for streaming services in NGN " plans to consent in the next meeting	TD 158 (PLEN/11)	N/A

| 8 | 10/11 | **ITU-T Q.3949**
Q.MMtesting | New | Recommendation ITU-T The real-time multimedia service testing framework at NGN UNI | TD 155 (PLEN/11) | TD 154 (PLEN/11) |
| 9 | 11/11 | **ITU-T Q.3930** | New | Performance Testing of Distributed Systems; Concepts and Terminology | TD 153 (PLEN/11) | N/A |

2   Approved Recommendations (ITU-T A.8)

The following table shows the list of approved Recommendations during SG 11 meeting.

#	Question	Recommendation	Status	Title	Final TD PLEN	A.5 justification
1	5/11	**ITU-T Q.3304.1 v2** (Rc COPS)	Revised	Protocol at the interface between a Transport Resource Control Physical Entity (TRC-PE) and a Transport Physical Entity (T-PE) (Rc interface): COPS alternative	TD 168 (PLEN/11) equal to → TD 841 (GEN/11)	TD 809 (GEN/11) (previous February 2012 WP2 meeting

3.   Supplements, Handbooks and Technical Papers

3.1   Supplement

No Supplements were proposed for approval at this meeting.

3.2   Handbooks

Two Handbooks were candidate for approval:

3.2.1   Handbook on *"Testing and monitoring network performance parameters for guarantee required QoS for NGN services"*

This handbook's approval was postponed due to a liaison statement submitted by SG 12 that suggested to reconsider this document. The meeting decided to postpone approval but to proceed with the handbook development and try to involve SG 12 delegates to improve it. The handbook is proposed for approval at next meeting of SG 11 in 2013 (next Study Period).

3.2.2   Handbook on *"Impacts of M2M Communications and Non-M2M Mobile Data Applications on Mobile Networks"*. The meeting discussed this handbook. Its content was considered more appropriate as Technical Paper than as handbook. So, the meeting agreed to approve it as Technical paper.

3.3 Technical Papers

The following technical paper was approved by SG 11:

#	Question	Technical Paper	Status	Title	Final TD PLEN
1	Q1 and Q6	Technical Paper	New	Impacts of M2M Communications and Non-M2M Mobile Data Applications on Mobile Networks	TD 844 (GEN/11)

4. Questions

A new Question 16/11 – Protocol procedures relating to specific services over IPv6 – was formally approved. It was agreed by SG 11 meeting (October 2011) and endorsed by TSAG (January 2012). So according to the procedure to approve new Questions, which is detailed in Resolution 1/Section 7, it was finally approved by SG 11 for this Study Period.

Also, the set of Questions that will be proposed to WTSA-12 for the next study period were finalized (See §6).

5. Liaison officers

No liaison officers were appointed at this meeting.

6 SG 11 Questions for the next study period

In order to prepare for WTSA-12, it was agreed to review the current activities of SG 11 and to determine the future structure and work items. This review was coordinated by Q1/11 that held three joint sessions, two on Thursday 14 June (9:30-13:00) and one on Friday 15 June (10:45-13:00). Question 1/11 report is to be found in TD 910 (GEN/11).

The following represents the final SG 11 agreement concerning the texts of the Questions, as per SG 11 closing Plenary. The next step is for TSB to harmonize all Questions text in a TD to be submitted to TSAG (July 2012) and WTSA-12.

Questions designation	Title designation	Existing Questions	Final TD	Results
QA/11	Signalling and protocol architectures in emerging telecommunication environments	Q1/11	[TD 866 r2 (GEN/11)]	Agreed.
QB/11	Signalling requirements and protocols for service and application in emerging telecommunication environments	Q2/11 and Q3/11	[TD 854 r4 (GEN/11)]	Agreed.
QC/11	Signalling requirements and protocols for Bearer and Resource control in emerging telecommunication environments	Q4/11 and Q5/11	[TD 883 r1 (GEN/11)]	Agreed

QD/11	Guidelines for implementations of signalling requirements and protocols	Q6/11	[TD 898 r1 (GEN/11)]	Agreed
QE/11	Signalling and control requirements and protocols for network attachment supporting multi-screen service, future networks, and M2M	Q7/11	[TD 887 r1 (GEN/11)]	Agreed
QF/11	Protocols and Networks Test Specifications	Q8/11	[TD 707 r1 (GEN /11)]	Agreed
QG/11	Monitoring parameters for protocols and emerging networks	Q9/11	[TD 907 (GEN/11)]	Agreed
QH/11	Service and networks benchmarking measurements	Q10/11 and Q11/11	[TD873 r4 (GEN/11]	Agreed.
QI/11	Internet of things test specifications	Q12/11	[TD 906 (NGN-GSI)]	Agreed
QJ/11	Signalling Requirements and Protocol for Emergency Telecommunications	Q13/11	[TD 881 r1 (GEN/11)]	Agreed
N/A	N/A	Q14/11		Deletion
QK/11	Protocols supporting distributed, smart service networking and end-to-end multicast	Q15/11	[TD 901 r1 (GEN/11)]	Agreed
QL/11	Protocol procedures relating to specific services over IPv6	Q16/11	[TD 906 (GEN/11)]	Agreed
QM/11	Protocol procedures relating to the security and quality of service provided by mobile backhaul	New	[TD 745 r1 (GEN/11)]	Not agreed
QN/11 (was renumbered as QM/11)	Protocol procedures relating to services provided by Broadband Network Gateways	New	[TD 909 r1 (GEN/11)]	Agreed
QO/11 (was renumbered as	Cloud interoperability testing	New	[TD874 r2	Agreed.

QN/11)				(GEN/11)]
QP/11	Content reference model and monitoring	New	[TD 875 (GEN/11)]	Not agreed.
QQ/11 (was renumbered as QO/11)	Testing as a service (TAAS)	New	[TD 885 r2 (GEN/11)]	Agreed.

SG 11 also agreed on revision of Resolution 2 text to be proposed to WTSA-12; it is to be found in TD 137 Rev.4 (PLEN/11). It includes updates to SG 11-related portion of ITU-T Resolution 2 *"ITU-T study group responsibility and mandates"*.

7.   Outgoing Liaison Statements

The following table shows the list of the eight agreed outgoing liaison statements.

#	WP/11	Question	To:	Title	Reference
1	WP1	1/11	SG16	oLS - Reply LS to SG16 on collaboration on M2M and E-Health	COM 11 – LS 81 – E
2	WP1	1/11	M2M Focus Group	oLS – M2M Technical Paper	COM 11 – LS 82 – E
3	WP2	3/11	3GPP TSG CT4	oLS – LS in Response to ETSI (3GPP) Liaison regarding CAT indicators in ISUP/BICC from ITU-T SG11, Q3/11 (COM 11 - LS 28 - E)	COM 11 – LS 83 – E
4	WP3	6/11, 11/11	ITU-T SG12, ITU-T SG13 and TSAG	oLS – Reply to LS on The Handbook on Network performance testing and monitoring for guarantee required QoS for NGN services	COM 11 – LS 84 – E
5	WP3	15/11	ISO/IEC JTC 1/SC 6	oLS – on collaboration with ISO/IEC JTC 1/SC 6 on multicast	COM 11 – LS 85 – E
6	WP4	8/11	TSAG SG17	Request to consider Q14/17 move to SG 11 for next Study Period	COM 11 – LS 86 – E

| 7 | WP4 | 8/11 | JCA-CIT TSAG | Testing activities | COM 11 – LS 87 – E |
| 8 | SG11 | All/11 | TSAG SG17 | Request to consider JCA-CIT move to SG 11 for next Study Period | COM 11 – LS 88 – E |

9. Work plan for interim Rapporteur meetings

Interim meetings plan as agreed at SG11 Plenary (Geneva, 30 April-4 May 2012)

WP	Q	Meeting Objectives	Meeting Date	Meeting Location
1	13/11	To (a) progress draft TRQ.ETS-Overview (Supplement 62) (b) to approve liaisons to ETSI SC EMTEL, TIA TR-45.8, and 3GPP2 TSG-X related to draft TRQ.ETS-Overview and (c) to complete Updates to Q Series Supplement 49 TRQ 2840	4-6 September 2012	Geneva, Switzerland
4	12/11	- Discussion about IoT-related work items of participating Questions - Discussion about interoperability issues for the IoT	3-7 September 2012 as part of the IoT-GSI event	Geneva, Switzerland

10. Next Study Group 11 meeting

The next SG 11 meeting is scheduled in Geneva, Switzerland, on 25 February-1 March 2013. The meeting is to be confirmed after WTSA-12.

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