

1.2.1a Update on ITU-T NGN activities

Brian Moore
Chairman ITU-T SG 13
Presented by John Visser

ITU-BDT Regional Seminar on Fixed Mobile Convergence and New Network Architecture for the Arab Region Tunis, Tunisia, 21-24 November 2005

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Global Standards Collaboration GSC#10 28 August – 2 September 2005 Sophia Antipolis, France





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GTSC#3 Agenda Item: 5

Update on ITU-T NGN activities since GSC9

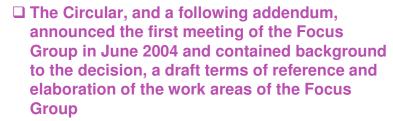
Brian Moore
Lucent Technologies
Chairman of ITU-T Study Group 13

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Establishment of the ITU-T Focus Group on NGN





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WTSA Decisions (October 2004)



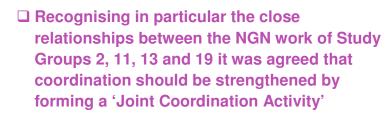
- ☐ Prior to the WTSA the NGN work had a narrow focus in the ITU-T - now much of the work is centred on NGN
- ☐ Study Group 13 (SG NGN) was established by the WTSA to lead the NGN studies including the coordination of NGN-related activities across the relevant study groups
- ☐ It also became the parent of the NGN Focus Group which since its inception in May 2004 had reported to the TSB Director

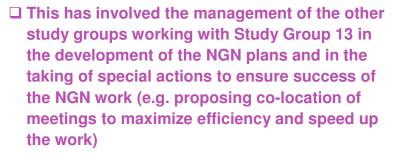
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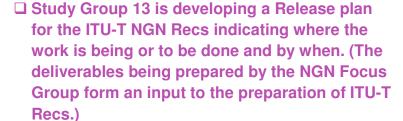
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NGN Work Planning and Coordination



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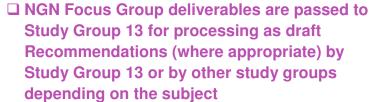
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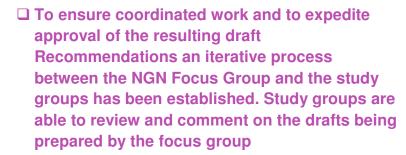












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Activities of the NGN Focus Group

A review of the activities of the NGN Focus Group will be provided by the FG Chairman, Chae-Sub Lee

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The May 2005 Study Group 13 meeting agreed the following:

- ☐ The NGN Focus Group will continue until the end of 2005 in order to complete, as far as possible, its current work. The existing NGN Focus Group will be closed by end of 2005.
- ☐ The NGN Focus Group will not take on any new work

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Next Steps cont



- ☐ The NGN Focus Group will submit, as a complete package, their deliverables and work in hand as contributions to the Study Group 13 meeting in January 2006
- ☐ As a guidance NGN Focus Group output documents which may be considered for an approval procedure at the January 2006 Study Group 13 meeting should be available by 23 November 2005

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- > an interim summary by 5 September 2005, reflecting **NGN Focus Group accomplishments and decisions** through 2 September 2005, and
- > a further summary by 23 November 2005, reflecting **NGN Focus Group accomplishments and decisions** up to that date

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- ☐ The NGN Focus Group will make a more complete Closure Report available on the Study Group 13 web site within one week after the end of the final meeting
- ☐ The ongoing work will continue in the study groups under the concerned Questions and between study group meetings in Rapporteur and joint Rapporteur Groups
- ☐ Study Group 13 may create new Focus **Group(s) for time-critical items:**
 - > strong limit in time & scope
 - > allows for participation including non-ITU members

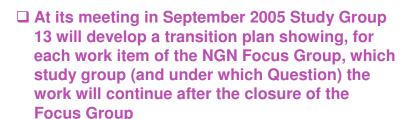
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☐ This will enable:

- Contributions on the ongoing work to be directed to the appropriate Questions and
- Rapporteur groups taking on the work can start consideration of the issues and plan meetings etc

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- □ Over the past year the market drive for NGN standards has firmed up and a number of operators have announced implementation plans for the transition to IP-based networks
- □ An implicit part of the agreement to close the NGN Focus Group was that steps would be taken to maintain the momentum that had been built up by the Focus Group in order to provide the global standards to underpin these plans

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Transition Planning cont

☐ Study Group 13 will be developing proposals for the ongoing working methods. One possibility is to plan for co-located meetings of the concerned Rapporteur Groups from the various study groups to jointly progress the work

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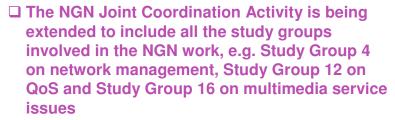
Transition Planning cont

- ☐ Taking account of the already planned meetings during 2006 the following schedule is likely:
 - > January 2006, meeting of Study Group 13 (and Study **Groups 11 and 19)**
 - > April 2006, workshop on 'NGN and Transport' followed by joint Rapporteur meetings
 - > July 2006, meeting of Study Group 13 (and Study **Groups 11 and 19)**
 - > October/November 2006, joint Rapporteur meetings

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Transition Planning cont



☐ The NGN-JCA will meet during the September 2005 Study Group 13 meeting and will consider the proposals for the ongoing coordination of the NGN work

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ITU-T / IETF Workshop on NGN



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- □ An ITU-T Workshop on NGN in collaboration with IETF was held in Geneva, 1 – 2 May 2005
- ☐ The overall objectives of the workshop were to explore specific NGN issues that impact both the ITU-T and the IETF to better understand the work underway in the two organizations and to identify areas where actions could be taken between the ITU-T and IETF to further coordinate their work

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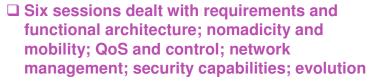








ITU-T / IETF Workshop on NGN cont



- ☐ A final wrap up session prepared the highlights and conclusions of the workshop
- ☐ Details are at http://www.itu.int/ITU-T/worksem/ngn/200505/index.html
- ☐ The following two summary slides are extracted from the workshop report

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Joint ITU-T / IET Summary status of the

F Workshop on NGN cont e fields covered by each session	GSC

Fields	ITU-T	IETF
Requirements & Architecture	Release 1 scope and req. FRA and IMS based NGN	Response to market; E2e architecture principles
Mobility and nomadicity	IMS; ISIM; TR.NGN-MOB	Location based (SIP+Geopriv)
QoS & Control	QoS related deliverables (Y.1541 etc) RACF	RSVP, Diffserv, NSIS etc. MPLS-TE
Management	Focal Point in NGNMFG M.3016/M.3050/M.3060	SNMP v3 WGs : IPPM, RMONMIB, SYSLOG, NETCONF
Security	X.800 and X.805 based approach NGN Security Framework	IETF Security Protocols
Evolution	Evolution scenarios & req. to NGN Problem statements and req. FPBN	Macrocosm & Microcosm SIP Evolution







Joint ITU-T / IETF Workshop on NGN cont Topics for Further Collaboration / Action items





- Need more efforts for understanding QoS and Control issues, especially Signalling aspects
- □ Well coordinated work in Management area (ITU-T : Architecture and Framework, IETF : Protocol aspects)
- ☐ Great opportunity working together secure the World (ITU-T : Requirements and Framework, IETF : Protocol aspects): ITU to give X.805 presentation at next IETF-meeting
- Evolution to Packet based Networks also request coordination in high level as well as practical aspects

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We look forward to the continuing support of the regional standardisation organisations in the development of the global NGN standards.

Thank you for your attention.

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