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**TELECOMMUNICATION
STANDARDIZATION SECTOR**

STUDY PERIOD 2005-2008

COM 12 – LS 8 – E

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Source: Rapporteurs for Question 11/12

Title: Liaison on QoS Interworking

LIAISON STATEMENT

To: SG2, SG4, SG11, SG13, ITU-NGN FG, 3GPP-SA, 3GPP-SA2, ATIS NGN-FG, ATIS PRQC, ETSI TISPAN, ETSI STQ

Approval: Agreed to at the SG 12 meeting

For: Action

Deadline: ongoing

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ITU-T SG12 has begun a new study under Q11/12 that addresses QoS interworking and apportionment of performance parameter values between packet networks. We encourage the pursuit of a top down approach for the provision of end-to-end QoS that includes consideration of the following aspects:

- The Users' Perspective
- Requirements for Applications (e.g. G.1010)
- Network Performance Parameters (e.g. Y.1540)
- Network Performance Measurement Methods
- Network Performance Objectives (e.g. Y.1541)
- QoS Related Signalling, Within and Between Networks
- Mechanisms for Relating Signalled Performance Objectives to the QoS Mechanisms
- A Method for flexible Apportionment of Performance Objectives Across Networks

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The focus of question 11 is the last item above, and the other points are believed to be outside of the scope of Q11/12. However the resolution of Q11/12 has dependencies on the other points, and in our opinion can't be resolved until the previous aspects are understood. It is also noteworthy that all aspects need to bear in mind that the end objective includes apportionment of performance objectives across networks.

- Without addressing all of these aspects, the end-to-end QoS achieved may not be sufficient to provide adequate service delivery (e.g. Voice and Video over IP).

ACTION REQUESTED:

We therefore request

- Input regarding work in the above areas that may be relevant, e.g. in particular deliverables satisfying the pre-requisites for performance apportionment
- Your collaboration
- Participation in and Contributions to Study Group 12 advancing this work

The next meeting of SG 12 is scheduled to start on October 17, 2005, however work may be progressed by electronic means during the interim period.
