Technical Specification Group Services and System Aspects **TSGS#9(00)0469**
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GSM North America
The North American Interest Group of the GSM Association

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All IP Network End-to-End Delay QoS Feasibility Study

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Dear Chairpersons,

The GSM-NA is aware that a recent proposal within 3GPP (AHR00-0018) which urged a feasibility study investigating end-to-end delay simulations in an IP-based network triggered a controversial and inconclusive discussion.

We are concerned that end-to-end delay, underline across intermediate networks, may significantly impair IP-based networks from meeting service requirements.

We therefore respectfully request your organization to pursue a feasibility study on this topic, with the intent to provide consideration of the degree to which various QoS scenarios, especially across transient networks, may meet service requirements. For example, QoS scenarios to be considered may be found in TS 23.821 Architecture Principles for Release 2000, and Service Requirements may be found in TS 22.105, Services and Services Capabilities.

The results may prove to be of use regarding the formulation of detailed network requirements and facilitating standards decisions.

Sincerely yours,

[signed copy on file]

Jim Murrell
Chair, GSM North America