3GPP TSG_CN **Tdoc NP-000587**
Plenary Meeting #9, Oahu, Hawaii
20th – 22nd September 2000

GSM North America
The North American Interest Group of the GSM Association

September 14, 2000

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

To:	Alan Cox, Chair, 3GPP SA1	alan.cox@vf.vodafone.co.uk
cc:	Stephen Hayes, Chair, 3GPP CN	EUSSRH@am1.ericsson.se
	Niels Andersen, Chair, 3GPP SA	NielsPeter_Andersen@Europe30.mot.com
	Sang-Keun Park, Chair, 3GPP T	skpark@khgw.info.samsung.co.kr
	Yukitsuna Furuya, Chair, 3GPP RAN	furuya@ptl.yh.nec.co.jp
	Niels Andersen, Convenor, 3GPP GERAN	NielsPeter_Andersen@Europe30.mot.com
	Linda Melvin, Director, GSM-NA	
	Gary Jones, Chair, GSM-NA Standards Working Group	
	M.V. Thomas, Chair, GSM-NA Services Working Group	
	Philippe Lucas, Chair, GSM Association SERG Group	

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, especially 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

GSM North America