3GPP TSG SA WG2   Tdoc S2-99988
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Bonn, Germany

To:	**3GPP TSG CN WG3**
CC:	**3GPP TSG SA WG1, 3GPP TSG RAN WG2 and WG3, 3GPP TSG CN WG1**
Source:	**Ericsson**
Title:	**Response liaison on RAB requirements for CS data and architecture for CS data services**

TSG SA WG2 thanks CN WG3 for the LS on RAB requirements for CS data (Tdoc N3-99215).

The QoS ad-hoc works under SA WG2. It has produced TR23.907, which covers the UMTS QoS Concept and Architecture. Chapter 5 of the document states that GSM CC bearer capability information element is used in the CS domain of UMTS release'99 and chapter 6 specifies applicable value ranges. The document (in version 2.0.0) is attached with this response LS.

Question 1:

S2 is asked to require from TSG-R to specify in R99 RABs that satisfy the QoS values indicated in the tables above.

S2 regards the proposed mapping and values fully in line with what is specified in TR 23.907. S2 will inform TSG RAN WG2 and WG3 of the proposal from N3 and request the proposed values to be supported by UTRAN.

Question 2:

S1 and S2 are asked to clarify whether the exact setting of the attribute values are subject to operator choice. N3 assumes that the attributes marked with a "(1)" in the tables above are subject to operator tuning. Changes of the other values, e.g., SDU format information, will have a destructive effect on the bearer service.

S2 agrees with N3 that the attributes Transfer delay, SDU error ratio and Residual bit error ratio shall be subject to operator tuning.

Question 3:

S1 and S2 are asked to clarify whether operators can map the BC-IE onto other traffic classes than suggested above. For instance, transparent data could be mapped to a streaming class …..

S2 agrees with N3 that the traffic class also shall be subject to operator tuning, as traffic class is closely related with Transfer delay, SDU error ratio and Residual bit error ratio. S2 also agrees that other attributes are not appropriate for operator tuning.

Question 4:

S1 and S2 are asked to approve N3's proposal to upgrade the transparent data BS in UMTS in order to provide a common BS that is adequate for multimedia telephony.

S2 regards the proposal to upgrade the transparent data BS in UMTS in order to provide a common BS that is adequate for multimedia telephony to be fully in line with the specified QoS architecture in TR 23.907.

S2 propose that standardization of the mapping of BC-IE onto bearer attributes shall be done by TSG CN WG1 and WG3.

Further, S2 takes the opportunity to thank N3 for the earlier LS on the current status on N3 work on CS data services and architecture for CS data services (N3-99147). S2 has no remarks on the proposed architecture.