

Agenda Item: 9.6
Source: Ericsson
Title: QoS Requirements – Working Order
Document for: Discussion

In the Work Item Description for “Quality of Service Requirements”, agreed by TSGS1, is stated that

- QoS requirements need to be formulated to fulfill the needs of users and applications,
- a working procedure shall be used including a careful analysis of those needs,
- the QoS requirements shall be formulated such that higher level requirements in, e.g., UMTS 22.00 and UMTS 22.01 are fulfilled,
- e.g. regarding which types of communication schemes to be supported,
- e.g. which types of external networks to be able to connect to,
- the formulation of the QoS requirements needs to be done very carefully in a way that is independent of the implementation,
- allowing technical experts in other groups to select the most appropriate implementation mechanisms(s), and
- the work shall be done in a joint group with TSGS1 and TSGS2 QoS experts.

To achieve this, a working order is proposed as follows:

1. Agree (TSGS1) on the proposed list of contents for QoS requirements in UMTS 22.05.
2. Review (TSGS1) the types of communication schemes that UMTS release '99 shall support.
3. Consult TSGS2 regarding which UMTS bearer service parameters that are relevant for the required types of communication schemes. (This is proposed to be done jointly between the TSGS2 QoS ad-hoc group and TSGS1 respectively.)
4. Consult TSGS2 regarding any specific need, e.g., UMTS bearer service negotiation and re-negotiation.
5. Agree (TSGS1) on the required values and/or value ranges for the relevant UMTS bearer service parameters.
6. Define (TSGS1) high level user requirements on UMTS bearer service negotiation and re-negotiation.

This working order would leave TSGS1 with two major tasks:

- To agree on the required values and/or value ranges for the relevant UMTS bearer service parameters and
- to define the high level user requirements on UMTS bearer service negotiation and re-negotiation.

The resulting text from this Work Item shall replace sections 5.2 through 5.6 in UMTS 22.05.

TSGS1 is invited to discuss and agree on this issue to enable further progress of this Work Item.