

Agenda Item: 6.6

Source: DoCoMo/NEC/Fujitsu

Title: **QoS Requirements For 3GPP SA Service Capabilities.**

Document for: **Include in 3GPP SA Service Capabilities**

The following are important QoS requirements that have been identified in the TTC document GSM evolved network requirements v.0.3.5 and proposed to be included in 3GPP SA Service Capabilities document.

Quality of Service

- End to end QoS should be supported in IMT-2000.
- End to end QoS is required by user's applications.
- QoS may be Classified.
- Transport technology should be decided by the requirements of QoS.
- There are two QoS categories. These categories are further study.
 - QoS in service: Quality of communication
 - QoS in NW: Quality of connection
- Resource block during a connection procedure, only the part related to HO.
- Packet QoS parameters in IMT-2000 are as follows.(although under studying)
 - Precedence Class
 - Maximum Through put Class
 - Minimum Through put Class
 - Mean Through put Class
 - Delay Class
 - Reliability Class
 - Priority Class
- **Point-to-multipoint**
- **Access point selection (FFS)**
- **Various bearer capabilities**
- **Interworking with data networks**

Proposal: For inclusion in 3GPP SA service capabilities document and for detailed study.