

TSG-SA Working Group 1 (Services) meeting #1 **TSGS1#1(99)025**
 Sophia Antipolis 1st - 5th February 1999

Agenda Item: 6.2.8
Source: SMG1/SMG4/SMG12 Adhoc on MultiMedia
Title: WI on Realtime Multimedia Service
Document for: Information

ETSI Joint SMG1, 4, 12 on Multi-Media Tdoc SMG1 MM 030 / 98
 Geneva, CH, September 21-22, 1998 Agenda Item:

Source: Joint SMG1, SMG4, SMG12 on MultiMedia

To: SMG12, CC: SMG1, SMG2, SMG4

Title: WI on Multimedia in UMTS

x Multimedia in UMTS
x.1 SMG project

| | |
|---|-----------------------|
| | UMTS Radio Access |
| | GSM Radio Access |
| | GSM-UMTS Core Network |
| X | UMTS Services |

x.2 Linked work items

WI on Multimedia Messaging and on Numbering and Addressing

x.3 Justification

To realize the SMG1 requirement for multimedia services in UMTS (Ref 22.60). An objective is to enable/stimulate the mass market for multimedia. This WI will examine the issues related to the support of multimedia in UMTS. This WI will examine how existing multimedia standards (such as H.323, H.324, H.324M, and others) can be supported in UMTS.

The aim of this WI is to identify

1. the extent of standardization required for multimedia in UMTS,
2. the functional distribution in the UMTS network and associated applications
3. impact of the functional distribution on user terminals (for instance, hand-held, phone with a PC, and others)
4. impact of the functional distribution on Core and Access network.

The issues that need study relate to one or more of the following:

1. Signaling for multimedia (call control, bearer control, and others)
2. Bearers characteristics for supporting multimedia applications
3. Routing aspects (can different component media streams be routed differently)
4. Numbering and Addressing schemes
5. Source coding (do we need a default codec?)
6. Relationship between source and channel coding
7. Applicability of generic bearers for multimedia

x.4 Service Aspects

x.5 MMI-Aspects

None.

x.6 Charging Aspects

Multimedia will have impact on charging in UMTS.

x.7 Security Aspects

None.

x.8 Impacts

| Affects: | USIM | ME | NW | Others |
|-------------------|-------------|-----------|-----------|---------------|
| Yes | | X | X | |
| No | X | | | |
| Don't know | | | | |

x.9 Expected Output and Timescales (to be updated at each plenary) -- best possible

The output of this WI will be a technical report. Changes to specifications should be identified in the technical report and possible change requests produced. The deadline for completing the technical report and addressing the UMTS phase 1 (Release 99) issues is SMG #28.

[This section either consists in a reference to another TC-TR, or it has the following contents:]

| New specifications | | | | | | |
|---|-------|-------------------|-----------------------|---|---------------------|----------|
| Spec No. | Title | Prime rsp. STC | 2ndary rsp. STC(s) | presented for information at SMG# | Approved at SMG# | Comments |
| | | | | | | |
| | | | | | | |
| Affected existing specifications | | | | | | |
| Spec No. | CR | Subject | | Approved at SMG# | Comments | |
| | | | | | | |
| | | | | | | |

< optional supplementary text, e.g. other documents to be produced >

Note: Even some GSM specifications might be affected.

x.10 Work item rapporteurs

< list of one or more persons/companies > -- mandatory

x.11 Supporting companies

Siemens, Motorola, Bosch, France Telecom, Cellnet, Nokia, Cegetel

x.12 Responsible STC(s)

Prime responsible SMG12

Secondarily responsible STC1, SMG2, SMG4, SMG11

x.13 Others

<text> -- optional