**TSG-SA WG1 #20**                                                                          **S1-030555**
**Seoul, Korea, 7<sup>th</sup>–11<sup>th</sup>  April 2003**                                 **Agenda Item:**

| | |
|---|---|
| **Title:** | LS on terminal MMS capability discovery prior MM notification |
| **Work Item:** | Definition of service requirements |
| **Source:** | **SA1** |
| **To:** | T2 |
| **Cc:** | TSG-SA, T1 |

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**Attachments:**      None

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**1. Overall Description:**

During SA1#20 the Messaging sub working group discussed the need to retrieve the terminal capabilities with relation to MMS, prior the submission of a multimedia message. The intention of this is to improve the user experience, facilitate the transcoding of the MM when required, and in general favour the take up of the service.

The following conclusions were reached in the discussion:
   1. A solution for the full capability discovery is seen beneficial for the long term. This may be based for example on UAProf or on alternative mechanisms
   2. A solution for discovering if a terminal is MMS capable or not is urgently needed. For this reason the following requirement has been added to the MMS stage 1 technical specification.

- **Determination of recipient's handset basic MMS capability**
   The MMS shall be able to determine if the recipient's UE supports MMS or not before the notification is sent to the recipient.

   A Release 5 and Release 6 CR have been produced for approval at SA#20. It will be reported that these should be conditional upon a technical solution being agreed.

   SA1 have agreed that if this change is not acceptable for Release 5, then the requirement will not be introduced into Release 6.

**2. Actions:**

**To T2 group.**

**ACTION:**  SA1 asks T2 group to study the possible mechanisms available to discover the terminal capabilities (relevant to MMS) as a Rel-6 solution.

**ACTION:**  SA1 asks T2 group to study the possible mechanisms that would allow the MMS to discover if the recipient's terminal is MMS enabled or not so that the newly created requirement in TS 22.140 can be fulfilled. This should be considered an urgent matter.

**3. Date of Next TSG-SA WG1 Meetings:**

SA1#21    07 - 11 July 2003,     Sophia Antipolis, hosted by ETSI

SA1 SWGs #21  12 - 16 May 2003,     San Diego,USA, North American Friends