TSG-SA WG1 #22   **S1-030997**
Asia, 27 - 31 October 2003   **Agenda Item:**

Title:	**Reply LS on clarification of MBMS charging issues**
Release:	**Rel-6**
Source:	**SA 1**
To:	**SA 3**
Cc :	**SA 5**

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Attachments: **none**

1. Overall Description

SA1 would like to thank SA3 for their Liaison. SA1 would like to note that under the title of MBMS User Services, SA1 is currently defining a set of applications and services that make use of MBMS as a bearer. SA1 is discussing different requirements with regards to MBMS User Service charging including the possibility of acknowledged download of data or content with the possibility of per-download charges. However, it is SA1's understanding that in its Liaison, SA3 is referring to the MBMS bearer service and it is within this context that SA1 provides the following answers.

1. SA1 does not foresee the need to verify the exact amount of bits received by the user at the MBMS bearer level.

2. SA1 does not foresee the need to verify the exact reception duration by the user at the MBMS bearer level.

In keeping with the purpose of MBMS, it is preferable that security and charging mechanisms make efficient use of the radio spectrum by minimising two-way traffic.

2. Actions to SA3

    None

3. Date of Next SA 1 Meetings

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