

27 - 30 November, 2001

Sophia Antipolis, France

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TSG-SA WG 1 (Services) meeting #14  
Kobe, Japan, 5-9 November 2001

S1-011310  
Agenda Item:

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Title: Answer to LS on requirements on Multimedia Broadcast/Multicast Service  
Source: TSG-SA WG 1  
To: TSG GERAN  
Cc: SA2, SA3, SA5, T2, RAN, RAN2  
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TSG-SA1 thanks TSG-GERAN for their liaison statement on requirements on Multimedia Broadcast/Multicast Service (attached at the end of this document).

Following are the required clarification:

**Question 1:** "What are the requirements on interaction of the MBMS with other services? In particular, is it required that the user equipment is able to receive pages for other services (such as voice) while occupied with the MBMS service?"

S1 would like to inform GERAN that SA1 has prepared a CR stating that the MS should be able to receive paging whilst receiving broadcast/multicast data.

Moreover the user shall be able to enable/disable the reception of specific broadcast/multicast services and can receive simultaneously more than one MBMS service (e.g. Receiving weather forecast on the top of the screen and share information running on the bottom of the screen).

When paging is received for another new service, the user will have the option to accept or reject the new service (e.g.: An incoming voice call)

When the other service is terminated the user may return to receiving broadcast/multicast service.

**Question 2:** "The TS mentions that the PLMN operator shall be able to configure the quality of service for individual broadcast services. Does this mean that the MBMS service is required to operate in any of the acknowledged, unacknowledged or transparent modes or is it safe to assume that unacknowledged mode of operation is sufficient?"

S1 would like to advise GERAN that it is seeking advice from GERAN2 and RAN2 in a separate LS on the viability of acknowledged transmissions in MBMS.

Dates of Next SA1 Meetings:

Title	Date	Location	Country
SA1 Ad-hocs	14 – 18 Jan 02	Phoenix	US
SA1#15	11 – 15 Feb 02	T.B.D	Austria
SA1 Ad-hocs	8 – 12 Apr 02	Sophia Antipolis	France
SA1#16	13 – 17 May 02	Victoria	Canada

**TSG-SA WG 1 (Services) meeting #14**  
**Kobe, Japan, 5-9 November 2001**

**S1-010909**  
**Agenda Item:**

**3GPP TSG GERAN**  
**Meeting no 6**  
**Naantali, Finland**  
**27 – 31 August 2001**

**TSGG#06(01)1913**  
**Agenda Item: 8.1.3**

**Title:** **Liaison statement on requirements on Multimedia  
Broadcast/Multicast Service**

**Source:** **TSG GERAN**

**To:** **3GPP TSG SA WG1**

**CC:** **SA2, SA3, SA5, T2, RAN, RAN2**

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**Date:** **31<sup>th</sup> of August 2001**

TSG GERAN thanks TSG SA WG1 for their liaison statement on “Multimedia Broadcast/Multicast Service (MBMS)” and for bringing to its attention the Stage 1 specification (TS 22.146) that has been developed for the MBMS.

TSG GERAN has studied the TS and has the following questions for clarification:

- What are the requirements on interaction of the MBMS with other services? In particular, is it required that the user equipment is able to receive pages for other services (such as voice) while occupied with the MBMS service?
- The TS mentions that the PLMN operator shall be able to configure the quality of service for individual broadcast services. Does this mean that the MBMS service is required to operate in any of the acknowledged, unacknowledged or

transparent modes or is it safe to assume that unacknowledged mode of operation is sufficient?

***Required actions:***

TSG GERAN looks forward to clarification on these issues.