

**TSG-SA Meeting #15**

***Tdoc SP-020171***

**Source:** TSG RAN Chairman  
**Title:** Multimedia Broadcast and Multicast Services (MBMS) way forward  
**Agenda item:** 8.2  
**Document for:** Discussion and decision

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The Attached contribution is a revision of Tdoc RP-020254 that was discussed during TSG RAN#15 and agreed to be provided for TSG SA for endorsement

**Source:** Omnitel-Vodafone, Vodafone D2, Vodafone LTD, Nortel Networks, NOKIA, Siemens, Ericsson

**Title:** **Multimedia Broadcast and Multicast Services (MBMS) way forward**

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## **1 Introduction**

Multimedia Broadcast and Multi-cast Services are now part of the 3GPP work-plan, and SA1 group has delivered a set of requirements for the service, whilst SA2 have started work on the architectural aspects of the feature. However, RAN (and GERAN) groups have shown interest in getting a better insight on the work done up to now in order to accelerate the work in all the relevant groups; in particular, it has to be noted that the service requirements available now are not clear enough to specify MBMS in terms of spectrum efficiency and complexity.

Given the high interest for MBMS in UMTS, it is important that a correct understanding and agreement on the feature characteristics is shared amongst the working groups in order to facilitate the completion of the work by focusing on the most time-critical areas to meet time-to-market.

It is therefore proposed to held a joint meeting/workshop between all the interested groups of the 3GPP in order to discuss the following items:

- Clarification from a Radio Access Network (RAN+GERAN) perspective of the requirements for MBMS identified in SA1
- Impacts from a Radio Access Network (RAN+GERAN) perspective of the requirements for MBMS identified in SA1 and architecture work done in SA2
- Identification of a list of possible Radio Access Network (RAN+GERAN) physical layer, protocols and architecture solutions to handle the requirements in a spectrum efficient way; re-use of existing radio-interface should be maximized as much as possible.
- Possible phasing of multicast/broadcast access network and architectural solutions and refinement (if any) of WI description in RAN

A suitable date for the joint meeting could be on the 6-7 of May, location TBD (London near Heathrow proposed, TBC)