3GPP TSG-WG4 Meeting #28

Erlangen, Germany, 1-3 September 2003.

Tdoc S4-030669

Source:	**TSG SA WG4**
Title:	**Work Item Description on Definition of MBMS user services~~scenarios and requirements~~, media codecs, formats and transport/application protocols ~~teleservice~~ using Multimedia Broadcast/Multicast Service (MBMS)**
Document for:	**Approval**
Agenda Item:	**7.4.3**

Work Item Description

Definition of MBMS user services~~scenarios and requirements~~, media codecs, formats and transport/application protocols ~~teleservice~~ using Multimedia Broadcast/Multicast Service (MBMS)

1   3GPP Work Area

	Radio Access
	Core Network
X	Services

2   Linked work items

MBMS (2544)
Packet Switched Streaming Service (34022)
MMS Enhancements (42009)
DRM (31010)

The relevant WGs will be kept informed of the progress of the work: SA2, SA3, SA5, CN1, RAN2, RAN3, GERAN1 and GERAN2.

3   Justification

Following on development of Stage 1 and 2 of MBMS specifications that define the bearer service for MBMS, there is now the need to define MBMS user services~~scenarios and requirements~~ ~~a teleservice~~ that use~~s~~ such bearer. This implies that a limited set of media codecs, formats and transport/application protocols for MBMS need to be specified. Information about typical MBMS application will be useful to for the design of the bearer in GERAN and RAN.

4   Objective

This work item will cover MBMS user services~~scenarios and requirements~~ ~~teleservice requirements~~ and the definition of a set of media codecs, formats and transport/application protocols. The specification work will take into consideration the need to maximize the reuse of existing features of other 3GPP services. The impact of DRM will be taken into account within the work.

5   Service Aspects

SA1 will need to define ~~a teleservice~~ and describe possible application scenarios so that the codecs can be designed. The service examples should also provide guidance on quality of service expectations for the benefit of the radio access networks groups. This work item defines the media codec, format and

transport/application protocols to support these MBMS ~~teleservice~~user services~~scenarios and requirements~~. Reuse of PSS and MMS features will be considered.

6   MMI-Aspects
None.

7   Charging Aspects
Requirements for charging will need to be addressed.

8   Security Aspects
The main security responsibility for this work item is owned by SA3. SA1 and SA4 will take guidance from SA3.

9   Impacts

Affects:	USIM	ME	AN	CN	Others
Yes	✓	✓	✓	✓	
No	✗				
Don't know					

10   Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
TS	MBMS ~~teleservice codecs and~~ protocols and codecs	SA4	SA2, SA3	SA#22	SA#23	
TS	MBMS user services~~scenarios and teleservice requirements~~	SA1		SA#21	SA#22	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments

11   Work Item Rapporteur
Igor Curcio (Nokia)

12   Work Item Leadership
Primary responsibility TSG SA WG4
Secondary responsibility TSG SA WG1

13   Supporting Companies
Vodafone, 3, T-Mobile, Siemens, Nortel Networks, Nokia, Ericsson.

14   Classification of the WI (if known)

~~X~~	Feature (go to 14a)
X	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b   The WI is a Building Block: parent Feature
*None*2544 Multimedia Broadcast and Multicast Service

14c   The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)