

Source: TSG SA WG4
Title: Work Item Description on Multimedia Broadcast/Multicast Service (MBMS) Codecs and Protocols (Release 6)
Document for: Approval
Agenda Item: 7.4.3

Work Item Description

Multimedia Broadcast/Multicast Service (MBMS) Codecs and Protocols

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 in SA4 (in particular SA1, 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 a limited set of media codecs, formats and transport/application protocols for MBMS.

4 Objective

This work item will cover the definition of a set of media codecs, formats and transport/application protocols that will fulfil the requirements for MBMS service defined in Stage 1 specification (TS 22.146). 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

The work item defines the media codec, format and transport/application protocols to support MBMS services. Reuse of PSS and MMS features will be considered.

6 MMI-Aspects

None.

7 Charging Aspects

Outside the scope of this work item. Covered in the linked MBMS service definition work in SA5.

8 Security Aspects

The main security responsibility for this work item is owned by SA3. 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 resp. WG	2ndary resp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
	MBMS codecs and protocols	SA4	SA2, SA3	3 months after stable base specifications	6 months after stable base specs	The base specifications are Stage 2, RAN and GERAN MBMS specs.
Affected existing specifications						
Spec No.	CR	Subject	Approved at plenary#		Comments	

11 Work Item Rapporteur

Igor Curcio (Nokia)

12 Work Item Leadership

TSG SA WG4

13 Supporting Companies

Vodafone, 3, Siemens, Nortel Networks, Nokia, Ericsson, Microsoft.

14 Classification of the WI (if known)

	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

2544 Multimedia Broadcast and Multicast Service

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

(one Work Item identified as a building block)