

3GPP TSG-SA4 Meeting #26
Paris, France, May 5th – 9th 2003

Tdoc S4 (03)0419

Title: Liaison response on **LS on Protocols, Codecs and Media formats for MBMS**

Response to: S4-030281 (S3-030157)

Release:

Work Item:

Source: TSG SA WG4

To: TSG SA WG3

Cc: TSG SA WG1, TSG SA WG2

Contact Person:

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Attachments: S4-030414

1. Overall Description:

SA4 would like to thank SA3 for the Liaison. The work on MBMS has just started in SA4 and SA4 are thus not able to answer your questions on protocols and codecs yet. A draft WID for the MBMS work in SA4 exists in S4-030414 (already send to SA3 in LS S4-030415). SA4 will keep SA3 updated on the progress of our work.

SA4 is looking forward to work together with SA3 on MBMS development.

2. Actions:

None.

3. Date of Next TSG-SA4 Meetings:

TSG-SA4 Meeting #27

7th – 11th July 2003, Munich, Germany

TSG-SA4 Meeting #28

1st – 5th Septemer 2003, Location TBD.

Source: Nokia¹
Title: ~~Draft~~ WID for Multimedia Broadcast/Multicast Service (MBMS) codecs and protocols
Document for: Discussion and Approval

1. Introduction

This document contains the Work Item Description for MBMS codecs and protocols. It has to be pointed out that SA4 work and progress is subject to a deeper understanding of MBMS use cases and architecture and is dependent on the stability of Stage 2, RAN and GERAN specifications that relate to MBMS. In particular, SA4 believes that the specification on MBMS codecs and protocols can be completed about 3-6 months after the related Stage 2, RAN and GERAN specifications have been produced.

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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 [S](#)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 [S](#)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. ~~OMA is responsible for DRM.~~ SA4 will take guidance from ~~both groups.~~ [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
	MBMS?? codecs and protocols	SA4	SA2, SA3	3 months after the stable base specifications	6 months after the 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 CompaniesVodafone, 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
Multimedia Broadcast and Multicast Service

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

(one Work Item identified as a building block)