Source:	**SA5 (Telecom Management)**
Title:	**New WID Rel-6 Multimedia Broadcast and Multicast Service charging (MBMS-CH)**
Document for:	**Approval**
Agenda Item:	**7.5.3**

3GPP TSG-SA5 (Telecom Management)　　　　　　　　　　　　　　　　　　**S5-044785**
Meeting #40, Sanya, CHINA, 15 - 19 November 2004

Source:	**SA5**
Title: **(MBMS) charging]**	**Work Item Description: [WI: title:** <mark>Multimedia Broadcast and Multicast Service</mark>
	WI type: [<mark>Work Task</mark>**]**
Agenda Item:	**Service Charging**

Work Item Description

Title: MBMS charging (MBMS-CH)

1　　　3GPP Work Area

	Radio Access
X	Core Network
X	Services
	Terminals

2　　　Linked work items

2544　　Multimedia Broadcast and Multicast Service (MBMS) - SA1 Feature
35016　　Charging Management (CH)
35019　　Charging Management for the Service domain (CH-SC)

3　　　Justification

The Multimedia Broadcast Multicast Service (MBMS) is being specified in 3GPP as part of Release 6. At present no charging specifications exist for this service. In order for operators to be able to charge their subscribers for MBMS usage, SA5 needs to describe the architecture, charging principles and scenarios, reference point and protocol to be used, charging information and MBMS online charging data, in a new MBMS-specific TS 32.27x series specification. In order to cover MBMS, SA5 needs also to extend the content of:

TS 32.296	Telecommunication management; Charging management; On line Charging System (OCS): Applications and interfaces
TS 32.298	Telecommunication management; Charging management; Charging Data Record (CDR) parameter description
TS 32.299	Telecommunication management; Charging management; Diameter charging applications

4　　　Objective
Produce new Specification, TS 32.273 MBMS Charging,. Add an MBMS section to TS 32.298 (CDR Parameter Description). Assess impact upon TS 32.296 (Online charging system; applications and Interfaces) and TS 32.299 (Charging Management: Diameter charging applications) and update as required.
5　　　Service Aspects
　　　None
6　　　MMI-Aspects
　　　None
7　　　Charging Aspects
Produce new Specification, TS 32.273 MBMS Charging,. Add an MBMS section to TS 32.298 (CDR Parameter Description). Assess impact upon TS 32.296 (Online charging system; applications and Interfaces) and TS 32.299 (Charging Management: Diameter charging applications) and update as required.

8　　　　　　**Security Aspects**
None
9　　　　　　**Impacts**
None.

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

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

New specifications						
Spec No.	Title	1st resp. WG	2nd resp. WG(s)	Presented for Information	Presented for Approval	Comments
32.273	Telecommunication management; Charging management; Multimedia Broadcast Multicast Service (MBMS) charging	SA5		03/2005	06/2005	

Affected existing specifications				
Spec No.	CR	Subject	CR Approved	Comments
32.298		Add MBMS CDR Parameter Description	06/2005	
32.296		Add MBMS specific AVPs if required	06/2005	
32.299		Add MBMS AVPs and/or online charging principles if required	06/2005	

11　　　　　　**Work item rapporteur**
Adrian NEAL, Vodafone [Adrian.Neal@vodafone.com]

12　　　　　　**Work item leadership**
SA5

13　　　　　　**Supporting Companies**
Vodafone, Orange, Siemens, Telecom Italia, Amdocs, Nokia

14　　　　　　**Classification of the WI (if known)**

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

The WI is a **Work Task**: parent **Feature**

2544　　　Multimedia Broadcast and Multicast Service (MBMS) - SA1 Feature