

Source: SA1Ericsson  
Title: New WI for Multimedia Telephony Capabilities for IMS  
Document for: Approval  
Agenda Item: 7.1.3

~~TSG-SA WG1 #28~~ ~~S1-050513~~  
~~Beijing, China, 04 April - 08 April 2005~~ ~~Agenda Item:~~

### Work Item Description

**Title: Multimedia Telephony Capabilities for IMS**

#### **1 3GPP Work Area**

	Radio Access
	Core Network
X	Services

#### **2 Linked work items**

*CS2IMS WID (SP-050177)*  
*Study on Videotelephony teleservice (SP-050189)*

#### **3 Justification**

In addition to reusing the IMS system as defined by 3GPP, TISPAN is defining an IMS based Multimedia Telephony service, ~~that is similar but not identical to~~ which is an evolution of the CS based Telephony service provided by traditional ISDNs and PSTNs. ~~TISPAN has named this service PSTN/ISDN simulation Service.~~

A similar service, defined by 3GPP, is needed for wireless access to IMS, in order to be able to define services to the end-users, and to support interoperability in multi-vendor and multi-operator environment and to provide the user with the same experience across the different IP based accesses and domains.

(TISPAN document is DTS TISPAN-01002-NGN).

#### 4 Objective

The objective is to define the minimum set of capabilities and supplementary services for Multimedia Telephony in the IP Multimedia Subsystem required to - secure  
~~These shall be defined to a sufficient level to enable~~ multi-vendor and multi-operator inter-operability  
for Multimedia Telephony and related Supplementary Services.

Close cooperation shall be sought with TISPAN. TISPAN requirements, as captured in TISPAN-01002-NGN, shall be taken into account, and referred to where appropriate.

The objective is to reuse and build on IMS capabilities provided in Release 5 and Release 6.

~~Support for IMS emergency calls shall be provided.~~

#### 5 Service Aspects

While the user experience for Multimedia Telephony is expected to have some similarity to existing telephony services, the richer capabilities of IMS should be exploited.

Impacts on the requirements of the multimedia enablers (captured in TS 22.228) may be identified. Co-operation with, and consideration to the ongoing TISPAN work is necessary to ensure that the services work over multiple access technologies

#### 6 MMI-Aspects

None

#### 7 Charging Aspects

Charging shall be considered based on current charging requirements for the telephony service and supplementary services and for multimedia communications.

#### 8 Security Aspects

None

#### 9 Impacts

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

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
TRS 22.xyz	IMS Multimedia Telephony Communication Enabler and supplementary services	SA1		SA #29 (Sept, 2005)	SA # 30 (Dec, 2005)	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	

**11 Work item rapporteurs**

Peter Bleckert, Ericsson

**12 Work item leadership**

SA1

**13 Supporting Companies**

Ericsson, T-Mobile, Vodafone, Siemens, Orange, SBC

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

X	Feature (go to 14a)
	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

(one Work Item identified as a feature)

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

(one Work Item identified as a building block)