

Source: SA1

Title: New WI on Adding media to CS calls and IPMM sessions

Document for: Approval

Agenda Item: 7.1.3

Work Item Description

Title

Adding media to CS calls and IPMM sessions

1 **3GPP Work Area**

	Radio Access
X	Core Network
X	Services

2 **Linked work items**

(list of linked WIs)

3 **Justification**

From an end-user point of view, one of the possible fast deployment scenarios for IP MM services is to build on existing service such as CS voice calls and enhance it by adding multimedia components.

As an example, the user may want to send a picture while on a voice call. Or alternatively, the user may want to add a voice call to a chat session, e.g. to speak to an anonymous member of the chat room.

The purpose of the Work Item proposed below is to make such adding of media simple from user point of view and manageable from an operator point of view.

In addition, the purpose of this Work Item is to assure a single, interoperable solution for adding media to CS voice calls and IPMM sessions including terminals, infrastructure and services from various vendors.

It is assumed that the proposed solution will have no or very minor impact on existing CS and IP MM services and infrastructure

4 **Objective**

The objective is to standardise a solution for adding IP media (picture, video, clip, file...) to a CS voice call or a CS voice call to an IP MM session.

The first step is to conduct a feasibility study on the requirements, possible solutions; and their tradeoffs. Subsequent steps (e.g. the production of a TS and/or CRs; stage 2 and 3; and any other work) should be identified during the concluding phases of the feasibility study.

5 Service Aspects

If the address to the other party is already available (e.g. the user already entered a MSISDN) then the reuse of the existing address for the added media should be investigated.

In order to minimise trial-and-error, negotiation and verification of the ability to add a particular medium in both terminals and in the mobile network before offering the service to the user should be investigated.

Impacts of Supplementary Services during a multimedia session should be investigated.

Negotiation of capabilities for two users registered in different PLMN's and to add media to an ongoing call/session should be investigated.

6 MMI-Aspects

None presently identified

7 Charging Aspects

The possibility to charge services, which combine voice with IP media at premium or at a discount, compared to aggregating the individual charges of CS and IP MM should be investigated.

The disconnection of both CS and IP media when exhausting a prepaid account should be investigated.

8 Security Aspects

The restriction and disclosure of terminal capabilities should be investigated.

Note: Adding a medium might require separate authorisation.

9 Impacts

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

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
TR 22.abc	TR on combined CS/IPMM services	SA1		SA#26	SA#27	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
		TBD				

11 Work item raporteurs

TBD

12 Work item leadership

SA1

13 Supporting Companies

Ericsson, Vodafone, Telecom Italia, TeliaSonera , Orange

14 Classification of the WI (if known)

The WI is a Feasibility Study

	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)

