Source:	**SA1**
Title:	**New of WI for Combinational Services**
Document for:	**Approval**
Agenda Item:	**7.1.3**

Sophia Antipolis, France, 11th to 15th October

Source: **SA1**

Title: **WI on Combinational Services**

Document for: **Approval**

Agenda Item:

Work Item Description

Title

Specification of IMS with real time services deployment

1   **3GPP Work Area**

	Radio Access
X	Core Network
X	Services

2   Linked work items

(list of linked WIs)

3   Justification

Many operators regard IMS as a key feature. However, there remain issues with the efficiency of transferring Voice over IP over the radio interface, and, with the capability of the GSM radio interface to handle VoIP. Additionally, operators are interested in techniques that may provide the ability to smooth the rollout and accelerate the take-up of IMS.

As a result of this, 3GPP has discussed using the existing CS infrastructure to transport the voice traffic for multimedia services. These discussions have tended to show that there are many different techniques for combining the CS and IMS parts together. However, leaving mobile vendors, infrastructure vendors and operators to develop these different techniques in isolation is likely to lead to interoperability problems and fragmented, small markets.

4   Objective

The objective is to specify the selected functionality for combining CS and IMS capabilities.

The specification will cover the requirements as described in 22.979.
The specification will address migration and interoperability issues.

5   **Service Aspects**

Service capabilities may be negotiated between the UEs when combining CS calls and IMS sessions.

6   MMI-Aspects

None presently identified

7   Charging Aspects

Inter-operator accounting and roaming charging aspects will be considered for combined CS calls and IMS sessions.

8   Security Aspects

The restriction and disclosure of terminal capabilities should be specified.

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)

See WIDs for the building blocks

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
TS 22.abc	Combinational Services	SA1		SA#27	SA#28	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
		TBD				

11   Work item raporteurs

Robert Frank, TeliaSonera

12   Work item leadership

SA1

13   Supporting Companies

Ericsson, Vodafone, Telecom Italia, TeliaSonera, NEC

14   Classification of the WI (if known)

The WI is a Feature

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

None

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)