3GPP TSG-SA WG4 Meeting #34   Tdoc S4-050238
Lisbon, Portugal, 21 – 25 February 2005

Source:	**TSG SA WG4**
Title:	**New WID for Stage 3 Specification of Combining CS and IMS services (Release 7)**
Document for:	**APPROVAL**
Agenda Item:	**7.4.3**

Work Item Description

Title

Stage 3 Specification of Combining CS and IMS services

1   3GPP Work Area

	Radio Access
	Core Network
X	Services

2   Linked work items

Feasibility Study on IMS services using CS bearers (SP-040479)

3   Justification

The current TR 23.899 has been progressed substantially and the specification of combining CS and IMS services (CSI) has been initiated under leadership of SA1. The TR 23.899 concludes a recommended architecture solution to be specified to address the combinational requirements. The specification of CSI Phase 1 is needed to address the urgent market needs to make IMS services available to the end-users. This specification will enable fast deployment scenarios for IMS services that are build on existing service such as CS calls and IMS sessions.

In SA4 we currently have IMS specifications for PS conversational multimedia applications and for IMS messaging and presence. All these services can be combined with CS calls in the context of CSI. However, the Feature Work Item for "Combining CS and IMS services & Capability Detection and Exchange mechanism" addresses only Stage 1 and Stage 2 work, while explicitly assuming that a Building Block Work Item will exist for the Stage 3 specification.

4   Objective

The objective is to expedite the finalisation of CSI phase 1 by specifying the stage 3 impact on SA4 specifications for IMS codecs, formats and protocols under combined operation with CS calls, in particular
- Suitable IMS codecs under CSI operation
- Real-time transport considerations
- Floor control during CSI operation

5   Service Aspects

The WI will define media and transport components for combined CS and IMS operation.

6   MMI-Aspects

No new MMI aspects are anticipated.

7   Charging Aspects

No new impact is expected, but the charging aspects identified by the Feature WI should be considered.

8   Security Aspects

No impact is expected, but a security review of the specification should be considered.

9   Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes		X		X	
No	X		X		X
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
Affected existing specifications						
Spec No.	CR	Subject			Approved at plenary#	Comments
TS 26.141					SA#28	IMS messaging operation and codecs with CS calls
TS 26.235					SA#28	IMS streaming operation and codecs with CS calls
TS 26.236					SA#28	IMS streaming transport with CS calls
		Others t.b.d.				

11   Work item rapporteur

Per Fröjdh, Ericsson

12   Work item leadership
SA4

13   Supporting Companies

Ericsson, NEC, 3, TeliaSonera, Orange, Vodafone, T-Mobile

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

14b   The WI is a Building Block: parent Feature
Specification of Combining CS and IMS services & Capability Detection and Exchange mechanism
(SP-040926) under SA1 responsibility

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