3GPP TSG-CN Meeting #26.
Athens, Greece, 8th - 10th December 2004.

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Source:	**Ericsson, Nokia, Nortel Networks, Siemens, Vodafone**
Title:	**WID for Combining CS and IMS services & Capability Detection mechanismî Building Block**
Agenda item:	**10.1**
Document for:	**INFORMATION / APPROVAL**

SA1 and SA2 approved two new WIDs that addresses the standardization of Combinational Services which addresses two main capabilities:

- Combining CS and IMS services
- Terminal/Radio Capability detection

The current scope of the standardization of ìCombinational Servicesî is intended to have limited standardization impacts but will require some stage 3 standardization. This proposed WID addresses this need for stage 3 specification of ìCombinational Servicesî.

Work Item Description

Title

Stage 3 Specification of Combining CS and IMS services & Capability Detection and Exchange mechanism.

1   3GPP Work Area

	Radio Access
X	Core Network
X	Services

2   Linked work items

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

3   Justification

The TR 23.899 concludes a recommended architecture solution to be specified to address the combinational requirements including the identified need for radio/terminal capability exchange.

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.

4   Objective

The objective is to elaborate on the appropriate CRs to existing stage 3 specifications of those CSI Phase 1 capabilities as identified in TR 23.899 and TR 23.9de "Detailed description of combining CS and IMS services and Radio/Terminal capability detection and exchange mechanismsî, and those that are already supported by the current set of specifications or require limited standardization needs. The CSI Phase 1 capabilities are:
-   Radio capability exchange;
-   SIP based terminal capability exchange
-   E.164 number exchange in SIP;
-   Adding IMS session to an ongoing CS call;
-   Adding CS speech call to an ongoing IMS session.

The capabilities shall support interoperability between different operator networks and roaming.

5   Service Aspects

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

6   MMI-Aspects

None presently identified

7   Charging Aspects

To be identified.

8   Security Aspects

The restriction and disclosure of terminal capabilities should be investigated.

9   Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes		X		X	
No			X		
Don't know	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
Affected existing specifications						
Spec No.	CR	Subject			Approved at plenary#	Comments
24.229					TSG CN#28	Transfer of E.164, Terminal Capability Detection and Exchange,
24.008					TSG CN#28	Radio Capability Exchange
		Others t.b.d.				

11   Work item rapporteur(s)

TBA

12   Work item leadership

CN1

13   Supporting Companies

Ericsson, Nokia, Nortel Networks, Siemens AG, Vodafone,

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

(list of Work Items identified as building blocks)

14b   The WI is a Building Block: parent Feature

Specification of Combining CS and IMS services & Capability Detection and Exchange mechanism.

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

(one Work Item identified as a building block)