Source:	**TSG SA WG2 (S2-042332)**
Title:	**Update on Work Item Description "Interworking aspects and migration scenarios for IPv4 based IMS Implementations (Study)"**
Agenda Item:	**7.2.3**

Work Item Description

Title

Interworking aspects and migration scenarios for IPv4 based IMS Implementations (Study)

1   3GPP Work Area

	Radio Access
x	Core Network
	Services

2   Linked work items

IMS-COOP

3   Justification

3GPP IMS uses exclusively IPv6. At the same time, it is understood that there will exist IPv4 based IMS implementations, namely initial IMS implementations and IMS implementations based on 3GPP2 specifications.

4   Objective

The purpose of the work item is to study interworking and migration scenarios related to IPv4 based IMS implementations. The study intends to provide guidelines for operators and vendors on interworking aspects of IPv4 based IMS implementations, and intends to provide guidelines on migrating to 3GPP IMS using IPv6.

5   Service Aspects

None

6   MMI-Aspects

None

7   Charging Aspects

None

8 Security Aspects

None

9 Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes		x		x	
No	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
TR 23.9~~8xy~~81	Interworking aspects and migration scenarios for IPv4 based IMS Implementations	SA2		SA#23	SA#24	Convert TR 23.881 to a "900 series" TR

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
23.221	48-49	IPv4 based IMS	SA#24	

11 Work item rapporteur

Alexander Milinski (Siemens)

12 Work item leadership

SA2

13 Supporting Companies

Siemens, T-Mobile International, Nortel Networks, Alcatel, Cisco

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

(list of Work Items identified as building blocks)

None identified.

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)