3GPP TSG CN Meeting #27 **NP-050144**
9th - 11th March 2005. Tokyo, Japan.

Source: Lucent Technologies, Cingular
Title: Release 6 Exception Notice for WLAN
Agenda item: 9.17
Document for: INFORMATION / APPROVAL

Release 6 Submission form

Feature / Item:		**WLAN**				
Affects:	**UE/MS: No**	**CN: Yes**	**UTRAN: No**	**GERAN: No**	**Compatibility Issues:**	**Yes: No: Forwards Compatibility to Rel-7 work**
Expected Completion Date:		**April 2005**				
Services impacted:		IMS can be accessed using wireless LAN in Release 6, whereas, without procedures for P-CSCF discovery, this is clearly impossible.				
Specifications affected:		**TS 24.229**				
Tasks within work which are not complete:		For WLAN access to IMS, it is necessary to define in 24.229 the following: –Tunnel requirements specific for access to IMS - –P-CSCF discovery for WLAN, clarification that only DHCP is necessary for this. –The use of P-Access-Network-Info header for the case of WLAN; either to provide the encoding in case of WLAN or omitting the header when it is not applicable. –Coding for the access-network-charging-info parameter within the P-Charging-Vector header				
Consequences if not included in Release 6:		Some aspects of IMS over WLAN access are not defined, as per the stage 2 architecture.				
Accepted by TSG# CN 27	**for late inclusion in Release 6:**					

Abstract of document:

TS 24.229 is the TS for IMS stage 3 SIP messaging protocol.

Contentious Issues:

The reason for raising this is that there is a liaison statement between SA2 and SA1 (S2-050506) giving a summary of what can be accessed in 3GPP using Wireless LAN in Release 6, and what work still needs to be done. Based on this

LS together with specifications: 22.234, 22.228, 23.234 and 23.228, itis clearthat IMS can be accessed using wireless LAN in Release 6.
Access to IMS is clearly an important service that one should be able to use I-WLAN to perform. The generation of an equivalent to Annex B should not take more than one meeting, especially if there is some pre-discussion of the contents, e.g. by conference call.

It is clear that WLAN access specific IMS requirements need to be identified in 3GPP TS 24.229, just like the GPRS access related ones are already defined in the currently existing Annex B. However, it is not completely clear which of the requirements are really WLAN specific, and which ones are generic and shareable with Broadband IP Access.

Furthermore, the CT1 working group should decide whether WLAN specific P-Access-Network-Info encoding needs to be defined, or the whole header is omitted when there are no cellular network parameters to encode in it.