

3GPP TSG-CN1 Meeting #31
Sophia-Antipolis, France, 25 – 29 August 2003

Tdoc N1-031201

Title: Reply to LS (N1-031052) on 'Effects of service 27/38 on 2G/3G Interworking and emergency call' from SA3

Source: CN1

To: SA3, T3

Cc: --

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Attachments: --

1. Overall Description:

CN1 would like to thank SA3 for their liaison statement on the 'Effects of service 27/38 on 2G/3G Interworking and emergency call'.

CN1 think that TS 24.008 is in line with the CR approved by SA3, since TS 24.008 does not contain any requirement for the ME to derive the GSM cipher key from the UMTS cipher key and the UMTS integrity key (or to derive the GPRS GSM cipher key from the GPRS UMTS cipher key and the GPRS UMTS integrity key, respectively).

Actually, e.g. in TS 24.008, subclause 4.3.2.7, it is stated that at intersystem change from UMTS to GSM "an ME shall apply the GSM cipher key derived **by the SIM** from the UMTS cipher key and the UMTS integrity key."

With regard to the scenarios described by SA3 in S3-030402, CN1 considers these to be correct. Besides, when these scenarios are documented in a 3GPP specification, it may be worth while to add also the following variation of scenario SCN-2:

SCN-2a First a PS connection is setup via UMTS access, and a PDP context is activated. Thereafter the mobile performs a cell re-selection to GSM. When the mobile tries to perform a routing area update, the request will be **rejected** if GPRS GSM access ciphering is subsequently **activated** by the serving network, because the USIM did not generate the GPRS GSM cipher key. The activated PDP context cannot be used by the mobile, or modified or deleted via DTAP signalling, until the mobile performs another cell re-selection to UMTS.

2. Actions:

To T3 and SA3 group.

ACTION: To add the scenario SCN-2a, when the scenarios described by SA3 are documented in a 3GPP specification.

3. Date of Next TSG-CN1 Meetings:

CN1_32	27 th – 31 st October 2003 Ericsson/China)	TBD (Japanese friends of 3GPP plus
CN1_33	16 th – 20 th February 2004	TBD (TBD)