3G CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

33.102	CR	**054**	Current Version:	3.3.1

3G specification number↑　　　　　　　　　↑ *CR number as allocated by 3G support team*

For submission to TSG	SA #7	for approval	**X**	*(only one box should*
list TSG meeting no. here ↑		for information		*be marked with an X)*

Form: 3G CR cover sheet, version 1.0　　*The latest version of this form is available from: ftp://ftp.3gpp.org/Information/3GCRF-xx.rtf*

Proposed change affects:　　USIM **X**　　ME **X**　　UTRAN **X**　　Core Network **X**
(at least one should be marked with an X)

Source:	Ericsson		**Date:**	2000-Feb-07

Subject:	Scope

3G Work item:	Security

Category:	F	Correction	
	A	Corresponds to a correction in a 2G specification	
(only one category	B	Addition of feature	
shall be marked	C	Functional modification of feature	
with an X)	D	Editorial modification	**X**

Reason for change:	Clarification of the scope of 33.102 needed w.r.t GSM interoperability and relation to GSM 03.20.

Clauses affected:	1

Other specs affected:	Other 3G core specifications		→ List of CRs:	
	Other 2G core specifications		→ List of CRs:	
	MS test specifications		→ List of CRs:	
	BSS test specifications		→ List of CRs:	
	O&M specifications		→ List of CRs:	

Other comments:	

help.doc

<---------- double-click here for help and instructions on how to create a CR.

1 Scope

This specification defines the security architecture, i.e., the security features and the security mechanisms, for the third generation mobile telecommunication system.

A security feature is a service capabilityies that meets one or several security requirements. The complete set of security features address the security requirements as they are defined in "3G Security: Threats and Requirements" (21.133 [1]). A security mechanism is an element that is used to realise a security feature. All security features and security requirements taken together form the security architecture.

An example of a security feature is user data confidentiality. A security mechanism that may be used to implement that feature is a stream cipher using a derived cipher key.

This specification defines 3G security procedures performed within 3G capable networks (R99), i.e intra-UMTS and UMTS-GSM. As an example, UMTS authentication is applicable to UMTS radio access as well as GSM radio access provided that the serving network node and the subscriber are UMTS capable. Interoperability with non-UMTS capable networks (R98-) is also covered.

The 3G security features and mechanisms are based on the GSM security related network functions (GSM 03.20) and these applies if nothing else is specified in this TS.