Source: **SA WG3**

Title: **1 CR to 33.200: Clarification of scope (Rel-4)**

Document for: **Approval**

Agenda Item: **7.3.3**

Spec	CR	Rev	Phase	Cat	Subject	Version-Current	Version-New	Doc-2nd-Level
33.200	002		Rel-4	F	Clarification of scope	4.0.0	4.1.0	S3z010074

3GPP TSG SA WG3 Security — S3#19   S3-010325
4 - 6 July, 2001, Newbury, UK

CR-Form-v4

CHANGE REQUEST

⌘ **33.200 CR 002** ⌘ ev **-** ⌘ Current version: **4.0.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: ⌘ (U)SIM ☐ ME/UE ☐ Radio Access Network ☐ Core Network **X**

Title: ⌘	Clarification of scope		
Source: ⌘	SA WG3 (MAP ad-hoc)		
Work item code: ⌘	MAPsec	***Date:*** ⌘	29-06-2001
Category: ⌘	**F**	***Release:*** ⌘	Rel-4

Use <u>one</u> of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use <u>one</u> of the following releases:
2   *(GSM Phase 2)*
R96   *(Release 1996)*
R97   *(Release 1997)*
R98   *(Release 1998)*
R99   *(Release 1999)*
REL-4 *(Release 4)*
REL-5 *(Release 5)*

Reason for change: ⌘	The scope states that the specification applies to "MAP version 3". This is misleading because "MAP version 3" could refer to v3.x.y of 29.002 which does not support MAP security. "MAP version 3" could also refer to the version of the protocol as transmitted between entities in the application context information, but this is also misleading because MAP uses a large number of application contexts, whose versions can evolve at different rates. In addition, the scope states that the specification applies to "29.002 Rel-4 and higher". This will lead to ambiguity if 33.200 is changed in future releases since it will become unclear which version should be applied to future releases of 29.002.
Summary of change: ⌘	The sentence that refers to "MAP version 3" and that states that the specification refers to "Rel-4 and higher" is deleted. The existing text in the preceding paragraph is deemed adequate.
Consequences if not approved: ⌘	The specification will be open to misinterpretation and it may lead to ambiguity in future releases.

Clauses affected: ⌘	1

Other specs affected: ⌘	☐ Other core specifications	⌘	
	☐ Test specifications		
	☐ O&M Specifications		

Other comments: ⌘	

1 Scope

This technical specification covers the security mechanisms and procedures necessary to protect the MAP protocol. The complete set of enhancements and extensions to facilitate security protection for the MAP protocol is termed MAPsec and it covers transport security in the MAP protocol itself and the security management procedures.

The security mechanisms specified for MAP are on the application layer. This means that MAPsec is independent of the network and transport protocols to be used.

This technical specification contains the stage-2 specification for security protection of the MAP protocol. The actual implementation (stage-3) specification can be found in the MAP stage-3 specification, TS 29.002 [4].

This specification applies to MAP version 3, TS 29.002 [4] Rel-4 and higher.

NOTE: It is explicitly noted that automated key management and key distribution is not part of Rel-4. All key management and key distribution in Rel-4 must therefore be carried out by other means. (See Annex A)