Source:	SA1
Title:	CRs to 22.101 on Clarification on USIM-based access to IMS (Rel- 5, Rel-6)
Document for:	Approval
Agenda Item:	7.1.3

Meeti ng	SA Doc	TS No.	CR No	Rev	Rel	Cat	Subject	Vers. Curre nt	Vers New	SA1 Doc
SP-21	SP-030457	22.101	127	-	Rel-5	F	Clarification on USIM-based access to IMS	5.10.0	5.11.0	S1-030910
SP-21	SP-030457	22.101	128	-	Rel-6	Α	Clarification on USIM-based access to IMS	6.4.0	6.5.0	S1-030911

# 3GPP TSG-SA WG1 Meeting #21 Sophia Antipolis, France, 7<sup>th</sup>–11<sup>th</sup> July 2003

# *Tdoc* **#S1-030910**

*   22.101   CR   127   * rev   -   * Current version:   5.10.0   *     For HELP on using this form, see bottom of this page or look at the pop-up text over the * symbols.     Proposed change affects:   UICC apps* X   ME   Radio Access Network   Core Network     Title:   * Clarification on USIM-based access to IMS     Source:   * SA1 (T-Mobile)     Work item code: *   IMS   Date: * 9/7/2003     Category:   * F     Use one of the following categories:   Use one of the following releases:     F (correction)   A (corresponds to a correction in an earlier release)   R96 (Release 1996)     B (addition of feature),   R98 (Release 1996)   R97 (Release 1997)     C (functional modification)   R99 (Release 1998)   P99 (Release 1999)     Detailed explanations of the above categories can   R94-4 (Release 1999)										CR-Form-v7	
Proposed change affects:   UICC apps#X   ME   Radio Access Network   Core Network     Title:   # Clarification on USIM-based access to IMS     Source:   # SA1 (T-Mobile)     Work item code:   # IMS   Date: # 9/7/2003     Category:   # F   Release: # Rel-5     Use one of the following categories:   Use one of the following releases:     F (correction)   2   (GSM Phase 2)     A (corresponds to a correction in an earlier release)   R96 (Release 1996)     B (addition of feature),   R97 (Release 1997)     C (functional modification)   R98 (Release 1998)     D (editorial modification)   R99 (Release 1999)	ж	22.10	1 CR	127	жrev	-	ж	Current vers	sion: <mark>5.</mark>	<mark>10.0</mark>	ж
Title:   # Clarification on USIM-based access to IMS     Source:   # SA1 (T-Mobile)     Work item code:   IMS   Date:   # 9/7/2003     Category:   # F   Release:   # Rel-5     Use one of the following categories:   Use one of the following releases:   F   Correction)   2   (GSM Phase 2)     A (corresponds to a correction in an earlier release)   R96 (Release 1996)   R97 (Release 1997)   C (functional modification of feature)   R98 (Release 1998)   D (editorial modification)   R99 (Release 1999)	For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the <b>#</b> symbols.									bols.	
Source:   #   SA1 (T-Mobile)     Work item code:   IMS   Date:   %   9/7/2003     Category:   #   F   Release:   %   Rel-5     Use one of the following categories:   Use one of the following releases:   Z   (GSM Phase 2)     A   (corresponds to a correction in an earlier release)   R96   (Release 1996)   R97   (Release 1997)     B   (addition of feature),   R97   (Release 1997)   C   (functional modification of feature)   R98   (Release 1998)   D   (editorial modification)   R99   (Release 1999)	Proposed change	e affects:	UICC a	pps# <mark>X</mark>	ME	Rac	dio A	ccess Netwo	rk 📃 C	ore Net	work
Work item code: #   IMS   Date: #   9/7/2003     Category:   #   F   Release: #   Rel-5     Use one of the following categories:   Use one of the following releases:   2   (GSM Phase 2)     A   (corresponds to a correction in an earlier release)   R96   (Release 1996)     B   (addition of feature),   R97   (Release 1997)     C   (functional modification of feature)   R98   (Release 1998)     D   (editorial modification)   R99   (Release 1999)	Title:	Clarific	ation on l	JSIM-based a	ccess to I	MS					
Category:   %   F   Release: %   Rel-5     Use one of the following categories:   Use one of the following releases:   2   (GSM Phase 2)     A (corresponds to a correction in an earlier release)   R96   (Release 1996)     B (addition of feature),   R97   (Release 1997)     C (functional modification of feature)   R98   (Release 1998)     D (editorial modification)   R99   (Release 1999)	Source:	₩ <mark>SA1 (T</mark>	-Mobile)								
Use one of the following categories:Use one of the following releases:F (correction)2A (corresponds to a correction in an earlier release)R96B (addition of feature),R97C (functional modification of feature)R98D (editorial modification)R99	Work item code:	# IMS						Date: ೫	9/7/20	03	
be found in 3GPP <u>TR 21.900</u> . Rel-5 (Release 5) Rel-6 (Release 6)	Category:	Use <u>one</u> F (c A (c B (a C (f D (a Detailed	correction) correspond addition of functional r editorial me explanatio	ds to a correctio feature), modification of f odification) ns of the above	n in an ear feature)		eleas	Use <u>one</u> of 2 R96 R97 R98 R99 Rel-4 Rel-5	the follow (GSM Pr (Release (Release (Release (Release (Release (Release	nase 2) 1996) 1997) 1998) 1999) 4) 5)	ases:

Reason for change: 3	alignment with changes to TS 33.203								
Summary of change: 8	Remove limitation of IMS access to R99/Rel-4 USIMs, and clarification that when								
	ISIM is available it shall be used.								
Consequences if	f It would not be possible to access IMS with a Rel-5 onwards UICC without an								
not approved:	ISIM.								
Clauses affected:	<b>f</b> 13.1.1								
	YN								
Other specs	<b>X</b> Other core specifications <b>X</b>								
affected:	X Test specifications								
	X O&M Specifications								
Other comments:	£								

### \*\*\*\*\* FIRST CHANGE \*\*\*\*\*

## 13.1.1 The USIM

Every USIM shall have a unique identity and shall be associated with one and only one home environment.

It shall be possible for a home environment to uniquely identify a user by the USIM.

The USIM shall be used to provide security features.

For access to services, provided by PS or CS CN domains, a valid USIM shall be required. Optionally, SIM according to GSM phase 2, GSM phase 2+, 3GPP release 99, 3GPP release 4 specifications may be supported.

The USIM shall be able to support SIM Application Toolkit as specified in 3GPP TS 22.038 [3].

The USIM shall reside on a UICC, 3GPP specifications shall adopt both of the GSM SIM card physical formats. Other formats may also be supported. USIM specific information shall be protected against unauthorised access or alteration.

It shall be possible to update USIM specific information via the air interface, in a secure manner.

Access to the IMS services shall be possible using the USIM application in the event of no ISIM being present on the 3GPP release 99 and release 4-UICCs. If an ISIM is present on the UICC it shall be used to access the IMS.

Access via a I-WLAN shall be possible using earlier releases (than the current release) of the UICC or using a SIM.

Annex A describes a number of features that may optionally be supported by the UE and thus USIM.

\*\*\*\*\* END OF CHANGES \*\*\*\*\*

## 3GPP TSG-SA WG1 Meeting #21 Sophia Antipolis, France, 7<sup>th</sup>–11<sup>th</sup> July 2003

# *Tdoc* **#S1-030911**

								CR-Form-v7		
ж	22.1	<mark>01</mark> CR <mark>1</mark>	28	жrev	-	ж	Current ver	sion:	6.4.0	ж
For <mark>HELP</mark> on	using this	form, see b	ottom of this	s page or	look a	at the	e pop-up tex	t over	the <b>X</b> syr	nbols.
Proposed chang	e affects:	UICC app	os <b>₩ X</b>	ME	Rad	lio A	ccess Netwo	ork	Core Ne	etwork
Title:	<b>X</b> Clarific	cation on US	SIM-based a	ccess to I	MS					
Source:	<mark>೫ T-Mo</mark> t	bile								
Work item code:	<mark>೫ IMS</mark>						Date: ३	<mark>9/0</mark>	7/2003	
Category:	F ( A B C D Detailed	correction) (corresponds (addition of fe (functional mod (editorial mod	odification of f lification) s of the above	n in an eai eature)		lease	2	f the fo (GSN (Rele (Rele (Rele (Rele (Rele	I-6 Mowing release A Phase 2) pase 1996) pase 1997) pase 1998) pase 1999) pase 4) pase 5) pase 6)	eases:

Reason for change: ೫	Alignment with changes to TS 33.203
Summary of change: #	Remove limitation of IMS access to R99/Rel-4 USIMs and clarification that when ISIM is available it shall be used.
Consequences if %	It would not be possible to access IMS with a Rel-5 onwards UICC without an
not approved:	ISIM.
Clauses affected: #	13.1.1
Other specs % affected:	X Test specifications
Other comments: %	X O&M Specifications

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