3GPP TSG-T (Terminals) Meeting #24 ***TP-040100***
Seoul, Korea
2 - 4 June, 2004

Agenda Item: 5.3.3
Source: T3
Title: CR to TS 21.111
Document for: approval

This document contains the following change request that is approved by 3GPP TSG T3 and forwarded to 3GPP TSG T#24 for approval:

Doc-2nd-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	WI
T3-040284	21.111	011		Rel-6	Release 6 alignment	D	6.0.0	6.1.0	TEI

3GPP TSG T WG3 Meeting #31
Berlin, Germany, 27th – 30th April 2004

T3-040284

CR-Form-v7

CHANGE REQUEST

⌘ **21.111** **CR** **011** ⌘ **rev** **-** ⌘ Current version: **6.0.0** ⌘

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

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Release 6 alignment
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	27/04/2004
Category:	⌘	**D**
Release:	⌘	Rel-6

Use one 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 one 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)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Update specification according to Release 6.
Summary of change:	⌘	TS 31.101/ SCP 102 221 already mandate higher rates than GSM 11.11: sentence suppressed in section 9. The first quote in section 11.1 is no longer present in R6 of the referred document, TS 22.101. The second quotes refer to TS 22.100 which exist only in R99. The quote is no longer valid for R5 and R6 where GERAN terminals are no longer required to support the SIM interface.
Consequences if not approved:	⌘	

Clauses affected:	⌘	9, 11.1			
		Y	**N**		
Other specs Affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

9 Electrical characteristics and transmission protocols

Electronic signals and transmission protocols shall be in accordance with ISO/IEC 7816-3 [11] unless specified otherwise.

The electrical specifications shall at least cover the 1.8V and 3V voltage ranges as specified in GSM 11.12 [9] and GSM 11.18 [10]. Lower voltages may be added in the future. 3G terminals shall not support 5V on the ME-UICC interface. Both ME and UICC shall support operational class indication as defined in ISO/IEC 7816-3 [11].

Both ME and UICC shall support at least two voltage classes.

Both UICC and ME shall support PPS as defined in ISO/IEC 7816-3 [11] with at least the values defined in GSM 11.11 [8].

The ME shall have the capabilities of initiating a warm reset as defined in ISO/IEC 7816-3 [11]. The UICC shall support warm reset as defined in ISO/IEC 7816-3 [11].

NOTE: The warm reset is used during a session when there is a need to restart the USIM due to internal modifications of data caused by user actions or network data downloading.

The UICC may indicate in the ATR to the warm reset that the specific mode is entered automatically, using the parameters that were used prior to the warm reset. In case of a cold reset, the UICC shall enter the negotiable mode.

In addition to the T=0 protocol which is mandatory for the UICC and the ME, the T=1 protocol shall be mandatory for the ME. It is optional for the UICC.

The speed enhancement as specified in GSM 11.11 [8] shall be supported by both the ME and the UICC. ~~Higher interface bit rates than those specified in GSM 11.11 [8] should be considered.~~

11.1 ~~GSM subscribers in a 3G network~~Void

~~3G 22.101 [2]: "UMTS shall provide some mechanisms which permit pre-UMTS subscribers to roam easily onto UMTS and access the services."~~

~~3G 22.100 [1]: "The UMTS mobile terminal shall support phase 2 and phase 2+ GSM SIMs as access modules to UMTS networks. The services that can be provided in this case may be limited to GSM like services provided within that UMTS network. It shall be up to the UMTS network operator whether or not to accept the use of GSM SIM as access modules in its network".~~