

Source: TSG-SA WG4

Title: CR to TR 26.911 on ITU-T V.80 support for 3G terminals (Release 4)

Document for: Approval

Agenda Item: 7.4.3

The following CR was agreed at the TSG-SA WG4 meetings #16 and is presented to TSG SA #11 for approval.

Spec	CR	Rev	Phase	Subject	Cat	Ver	WG	Meeting	S4 doc
26.911	010	1	Rel-4	ITU-T V.80 support for 3G terminals	B	4.0.0	S4	TSG-SA WG4#16	S4-010289

CHANGE REQUEST

⌘ **TR 26.911 CR 010** ⌘ rev **-1** ⌘ 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

Title:	⌘ ITU-T V.80 support for 3G terminals		
Source:	⌘ TSG-SA WG4		
Work item code:	⌘ WI-2 TEI	Date:	⌘ February 26, 2001
Category:	⌘ B	Release:	⌘ REL-4
	Use <u>one</u> of the following categories: F (essential 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:	⌘ It is beneficial if 3G mobile phones can provide the same data transmission interface for videophone applications running on a DTE (e.g., laptop computer) than what PSTN modems are providing.
Summary of change:	⌘ It is recommended to use V.80 in the DTE-DCE interface in case of non-integrated videophone terminal implementations with separate DTE and DCE devices.
Consequences if not approved:	⌘ Videophone applications need completely different interfaces towards 3G mobile phones than towards PSTN modems. Furthermore, V.80 inband commands and indications (e.g., information on buffer levels in DCE) cannot be utilized. This information is particular to multimedia terminal operation and cannot be provided through standard PC interface signalling.

Clauses affected:	⌘ 14		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

2 References

[13] ITU-T Recommendation V.80: “In-band DCE control and synchronous data modes for asynchronous DTE”

3.3 Abbreviations

DTE: Data Terminal Equipment

DCE: Data Circuit-terminating Equipment

11 Interoperation with Other Terminals

11.1 Audio Codecs

It is recommended that terminals additionally support the ITU-T G.723.1 audio codec [5] when it is expected that interoperability with GSTN is needed, because it cannot be guaranteed that H.324 terminals developed for GSTN use will support the AMR codec.

12 DTE-DCE Interface

It is recommended to use procedures defined in ITU-T Recommendation V.80 in the DTE-DCE interface in case of non-integrated videophone terminal implementations with separate DTE and DCE devices. Due to the requirements of 3G-324M, the transparent synchronous access mode is the only relevant submode.

123 Optional Enhancements

FFS.