3GPP TSG-T (Terminals) Meeting #16
Marco Island, USA 4 – 6 June 2002

Tdoc TP-020114

Source: T3

Title: Change Requests to TS 31.112 USAT interpreter; stage 2; Architecture description

Document for: Approval

This document contains the following change request:

T3 Doc	Spec	CR	Rel	Cat	Subject
T3-020340	31.112	002	5	F	Removal of “session mode"

3GPP T3 (USIM) Meeting #23
Espoo, Finland, 21 - 24 May 2002

Tdoc T3-020340

CR-Form-v3

CHANGE REQUEST

⌘ **31.112** **CR** **002** ⌘ rev **-** ⌘ Current version: **5.1.0** ⌘

*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 [X] ME/UE [ ] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Removal of “session mode"
Source:	⌘	T3
Work item code:	⌘	USAT Interpreter
Date:	⌘	22 May 2002
Category:	⌘	**F**
Release:	⌘	REL-5

Use one 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 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)*

Reason for change:	⌘	The "session mode" has not been implemented in TS 31.114. This CR corrects the inconsistency between TS 31.112 and TS 31.114.
Summary of change:	⌘	- Section 4.4.2: remove “session mode” definition - Section 4.4.2.1: remove chapter title - Section 4.4.2.2: remove all chapter
Consequences if not approved:	⌘	The set of specifications for USAT Interpreter would be inconsistent.

Clauses affected:	⌘	4.4.2, 4.4.2.1, 4.4.2.2
Other specs affected:	⌘	[ ] Other core specifications ⌘ [ ] Test specifications [ ] O&M Specifications
Other comments:	⌘	

4.4.2 Operational layer

The operational layer defines the message flow between the USAT Interpreter and the Gateway. The Gateway address ~~and the session indication are~~is included in the operational layer header. ~~The session indication describes if the operational mode is transaction based or session based.~~

An operational layer between the Gateway and the Application provider is beyond the scope of the present document. It may include application specific data for state information ~~, session handling~~ and other context information. An example could be http cookies in the case where http is used.

~~The operational layer may be used in two modes:~~

- ~~transaction based mode;~~
- ~~session based mode.~~

~~Which mode is used for a request depends on the currently selected configuration set of the operational layer. See TS 31.114 [3].~~

~~4.4.2.1 Transaction based mode~~

The only mode for the operational layer is the transaction-based mode.

The transaction-based mode consists of single request-response pairs between the USAT Interpreter and the Gateway.

The transaction-mode:

- handles two states of each party: idle and waiting-for-response;
- does not define an own set of commands;
- is context free.

Transaction mode between the USAT Interpreter and the Gateway is a mandatory feature.

The transaction-based mode does not provide message context for a sequence of messages. In this mode, if such a context is needed, this has to be provided on the application layer.

~~4.4.2.2 Session based mode~~

~~The session-based mode consists of a sequence of messages that are logically linked. The session mode is initiated by opening a session and remains active until it is closed.~~

~~The session-mode:~~

- ~~handles large number of states of each party;~~
- ~~defines an own set of commands for handling the session;~~
- ~~provides context for the messages;~~

~~- provides possibility to have more than one session open.~~

~~Session mode between the USAT Interpreter and the Gateway is an optional feature.~~

~~The session-based mode can be used to provide an explicit mapping to the application layer.~~