

TSG-RAN Meeting #13
Beijing, China, 18 - 21 September 2001

RP-010553

Title: Agreed CRs (Rel-4) to TS 25.323

Source: TSG-RAN WG2

Agenda item: 8.2.4

Doc-1st-	Status-	Spec	CR	Rev	Phase	Subject	Cat	Version	Versio	Workite
R2-011851	agreed	25.323	026		Rel-4	Selection of the RFC 3095 CID transmission	F	4.1.0	4.2.0	RANimp -RABSE

CHANGE REQUEST

⌘ **25.323 CR 026** ⌘ ev **-** ⌘ Current version: **4.1.0** ⌘

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 ME/UE Radio Access Network Core Network

Title:	⌘ Selection of the RFC3095 CID transmission		
Source:	⌘ TSG-RAN WG2		
Work item code:	⌘ RANimp-RABSE	Date:	⌘ 5.7.2001
Category:	⌘ F	Release:	⌘ REL-4
	<i>Use <u>one</u> of the following categories:</i> 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 .	<i>Use <u>one</u> of the following releases:</i> 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:	⌘ RFC3095 configuration parameter missing		
Summary of change:	⌘ Added description of the missing parameter.		
Consequences if not approved:	⌘ -		

Clauses affected:	⌘ 5.1.3.5		
Other specs affected:	<input checked="" type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘ 25.331, CR 946	
Other comments:	⌘		

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under [ftp://ftp.3gpp.org/specs/](http://ftp.3gpp.org/specs/). For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

5.1.3.5 Protocol Parameters

RFC 3095 has two types of parameters [8]:

- configuration parameters: these are mandatory and must be configured between compressor and decompressor peers.
- implementation parameters: these are optional and, when used, stipulate how RFC 3095 operates.

These parameters are categorized in four different groups, as defined below:

- M: Mandatory and configured by upper layers.
- MO: Parameters that must be supported and when used can only be configured or triggered by upper layers.
- O: Optional RFC 3095 parameters that are not configured by upper layers. They may be used locally (i.e. UTRAN and/or in UE) for RFC 3095.
- N/A: These are not used in RFC 3095.

The usage and definition of the parameters shall be as specified below.

- CID_INCLUSION_INFO (M): This defines whether RFC3095 CID values are transferred within PDCCP headers or RFC3095 packet format. See chapter 5.1.3.1 for more information.

- MAX_CID (M): This is the maximum CID value that can be used. One CID value shall always be reserved for uncompressed flows.
- LARGE_CIDS: This is not configured by upper layers but inferred from the configured value of MAX_CID according to the following rule:

If MAX_CID > 15 then LARGE_CIDS = TRUE else LARGE_CIDS = FALSE.

- PROFILES (M): Profiles are used to define which profiles are allowed to be used by the UE in uplink. All profiles defined in [8] shall be supported by the UE.
- FEEDBACK_FOR (N/A):
- MRRU (M): Segmentation is not used by default.
- NO_OF_PACKET_SIZES_ALLOWED (O)
- PACKET_SIZES_ALLOWED (MO): This parameter, if configured, governs which packet sizes in bytes may be used by RFC 3095. Thus, packet sizes not in the set of values for this parameter shall not be used.
- PAYLOAD_SIZES (O)
- NO_OF_PACKET_SIZES_USED (O)
- PACKET_SIZES_USED (O)
- CONTEXT_REINITIALIZATION (MO)
- MODE (O)
- CLOCK_RESOLUTION (O)
- REVERSE_DECOMPRESSION_DEPTH (M): Default value is that reverse decompression is not used.