TSGRP#15(02) 0173

TSG-RAN Meeting #15 Cheju, Korea, 5 - 8 March 2002

Title: Agreed CRs to TS 25.426

Source: TSG-RAN WG3

Agenda item: 7.3.3/7.3.4

RP_Num	Tdoc_Num	Specification	CR_Num	Revision	3G_Release	CR_Subject	CR_Category	Cur_Ver_Num	Workitem
				_Num					
RP-020173	R3-020594	25.426	020	1	R99	Correction to transport bearers release initiation	F	3.7.0	TEI
RP-020173	R3-020595	25.426	021	1	Rel-4	Correction to transport bearers release initiation	A	4.1.0	TEI

3GPP TSG-RAN3 Meeting #27 Orlando, USA, 18th – 22nd February, 2002

CHANGE REQUEST												
*	25	.426	CR <mark>02</mark>	0	ж	ev	1		Current ve	rsion:	3.7.0	¥
For <u>HELP</u> or	using	this for	m, see bot	tom of t	this pa	ge or	look a	t the	рор-ир tex	ct over	the # sy	mbols.
Proposed change	e affec	ts: #	(U)SIM	N	ME/UE		Radio	Acc	ess Netwo	ork X	Core N	etwork
Title:	ж Co	rrection	to transp	ort bear	ers rel	ease	initiatio	on				
Source:	Ж R-\	WG3										
Work item code:	₩ TE	l							Date:	⊮ Ja	n, 2002	
Category:	Deta	F (corre A (corre B (addi C (fund D (edite ailed exp	he following ection) esponds to ition of feat ctional modifi orial modifi lanations o BGPP TR 2	a correcture), ification (cation) of the abo	ction in of featu	ıre)			2	of the fo (GSI (Rela (Rela (Rela (Rela (Rela	ollowing reallowing re)))
Reason for chan	<i>ge:</i> ∺	interfa are so beare the No chann	ace are esome scena ers such as ode B recenels in the 33. In RAN	tablishe arios wh s in caso eives a cell. Th	ed and here the e of Re CELL his scen	RELE e Nod eset in DELE narios	EASEI le B ne nitiated TION are c	D by teeds d by teeds REQ	the ALCAP to initiate the CRNC and the CRNC and the CRNC and the calculations are seen as the calculati	in the he releand Country there	e CRNC, be ease of tra ell Deletio are still tra S 25.430	out there ansport n, when ansport and TS
Summary of change: # Add sentence in the subclause 6.1 to indicate that in some cases (Reset by the CRNC and when transport channels still exist when the cell is dele Node B can also release the transport bearers. R1: 'common and' was removed from the added text.												
Consequences it not approved:	F #	Contra Node intero	adictory wind adictory wind a second	ith TS 2 stencies problem	5.430 s betweens.	and T een th	S 25.4 e spec	433 a cifica	ncorrect im and the inte tions can le	ended ead to	behaviour multi-ven	of the dor
		releas i.e. on implen only th This C	CR has [iso e) becaus ly the CRN mentations ne Node B R has an i	e it affe NC being would can init impact u	cts imposed in the contract of	oleme to rele able e rele functi	ntation ease to to han ase of onal] p	ns su he tra dle th trans point	s version or apporting the ansport beare scenario sport beare of view.	ne corr arers. os des ers.	ected fun Those cribed he	ctionality, re, where

Clauses affected:	€ 6.1
Other specs	★ CR021 25.426
affected:	Test specifications
	O&M Specifications
	Odivi Specifications
Other comments:	X

function] namely the release of transport bearers with ALCAP.

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/ 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.

6 Transport Signalling Application for DCH Data Streams

6.1 ALCAP

AAL2 signalling protocol Capability Set 1 [5] is the signalling protocol to control AAL2 connections on Iub and Iur interfaces

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [5].

User Plane Transport bearers for Iur interface are established and <u>in all normal cases</u> released by the ALCAP in the Serving RNC. The binding identifier shall already be assigned and tied to a radio application procedure when the <u>first Establish Request message ALCAP message</u> is received over the Iur interface in the Drift RNC.

User Plane Transport bearers for Iub interface are established and <u>in all normal cases</u> released by the ALCAP in the Controlling RNC. The binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iub interface in the Node B. In case of a Reset initiated by the CRNC, the ALCAP in the Node B shall release the transport bearers involved in the impacted Node B Communication Contexts. The Node B shall also initiate release of the user plane transport bearers for the removed dedicated channels that were remaining within the cell when the cell is deleted.

AAL2 transport layer addressing is based on embedded E.164 or AESA variants of the NSAP addressing format [6, 7]. Native E.164 addressing shall not be used.

The AAL2 Link Characteristics parameter (ALC) shall be included in the Establish Request message of AAL2 signalling protocol.

3GPP TSG-RAN3 Meeting #27 Orlando, USA, 18th – 22nd February, 2002

CHANGE REQUEST							
ж <mark> </mark>	25.426 CR 021 ** ev 1 **	Current version: 4.1.0 #					
For <u>HELP</u> on us	sing this form, see bottom of this page or look at the	e pop-up text over the % symbols.					
Proposed change a	nffects: ### (U)SIM	ccess Network X Core Network					
Title: #	Correction to transport bearers release initiation						
Source: #	R-WG3						
Work item code: 第	TEI	<i>Date:</i> 第 Jan, 2002					
	We 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.	Release: # REL-4 Use one of the following releases: 2 (GSM Phase 2) e) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)					
Reason for change: Currently TS 25.426 specifies that the user plane transport bearers for lub interface are established and RELEASED by the ALCAP in the CRNC, but there are some scenarios where the Node B needs to initiate the release of transport bearers such as in case of Reset initiated by the CRNC and Cell Deletion, when the Node B receives a CELL DELETION REQUEST but there are still transport channels in the cell. This scenarios are correctly specified in TS 25.430 and TS 25.433. In RAN3 #24 it was decided that TS 25.426 should be aligned with TS 25.430.							
Summary of change	e: # Add sentence in the subclause 6.1 to indicate by the CRNC and when transport channels sti Node B can also release the transport bearers R1: 'common and' was removed from the add	ill exist when the cell is deleted) the s.					
Consequences if not approved:	The current text procedural text may lead to contradictory with TS 25.430 and TS 25.433 Nodes. Inconsistencies between the specific interoperability problems. Impact Analysis: Impact assessment towards the previous vers release): This CR has [isolated impact] with the previous release) because it affects implementations si.e. only the CRNC being able to release the trimplementations would not be able to handle only the Node B can initiate the release of trait This CR has an impact under [functional] poin The impact [can] be considered isolated becafunction] namely the release of transport bear.	and the intended behaviour of the ations can lead to multi-vendor sion of the specification (same as version of the specification (same supporting the corrected functionality, transport bearers. Those the scenarios described here, where asport bearers. It of view. use the change affects [one] [system]					

Clauses affected:	第 6.1
Other specs affected:	X Other core specifications
	O&M Specifications
Other comments:	x

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/ 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.

6.1 ALCAP

AAL2 signalling protocol Capability Set 2 [22] is the signalling protocol to control AAL2 connections on Iub and Iur interfaces. Q.2630.2 [22] adds new optional capabilities to Q.2630.1 [5].

Binding ID provided by the radio network layer shall be copied in SUGR parameter of ESTABLISH.request primitive of [22].

User Plane Transport bearers for Iur interface are established, <u>in all normal cases</u> released and optionally modified by the ALCAP in the Serving RNC. The binding identifier shall already be assigned and tied to a radio application procedure when the <u>Establish Request message first ALCAP message</u> is received over the Iur interface in the Drift RNC.

User Plane Transport bearers for Iub interface are established, in all normal cases released and optionally modified by the ALCAP in the Controlling RNC. The binding identifier shall already be assigned and tied to a radio application procedure when the Establish Request message is received over the Iub interface in the Node B. In case of a Reset initiated by the CRNC, the ALCAP in the Node B shall release the transport bearers involved in the impacted Node B Communication Contexts. The Node B shall also initiate release of the user plane transport bearers for the removed dedicated channels that were remaining within the cell when the cell is deleted.

AAL2 transport layer addressing is based on embedded E.164 or AESA variants of the NSAP addressing format [6, 7]. Native E.164 addressing shall not be used.

The Link Characteristics parameter (LC) shall be included in the Establish Request message and in the Modification Request message of AAL2 signalling protocol.

If there is an AAL2 switching function in the transport network layer of the interface, the Path Type parameter (PT) may be included in the Establish Request message of AAL2 signalling protocol for prioritisation at ATM level.