

TSG RAN Meeting #22
Maui, USA, 9 - 12 December 2003

RP-030669

Title CRs (R99 and Rel-4/Rel-5 Category A) to TS 25.413 on Correction of RAB Release Request Inter-working
Source TSG RAN WG3
Agenda Item 7.4.3

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-031793	25.413	3.14.0	3.15.0	R99	631	-	F	Correction of RAB Release Request Inter-working	TEI
R3-031794	25.413	4.10.0	4.11.0	REL-4	605	1	A	Correction of RAB Release Request Inter-working	TEI
R3-031795	25.413	5.6.0	5.7.0	REL-5	606	1	A	Correction of RAB Release Request Inter-working	TEI

3GPP TSG-RAN3 Meeting #39
 San Diego, USA, 17th-21th November 2003

Tdoc #R3-031794

CR-Form-v7

CHANGE REQUEST

⌘ 25.413 CR 605 ⌘ rev 1 ⌘ Current version: 4.10.0 ⌘

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 ME Radio Access Network Core Network

Title:	⌘ Correction of RAB Release Request Inter-working		
Source:	⌘ RAN3		
Work item code:	⌘ TEI	Date:	⌘ 17/11/2003
Category:	⌘ A	Release:	⌘ REL-4
Use <u>one</u> 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 <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) Rel-6 (Release 6)	

Reason for change:	⌘ Contradictory statements in RANAP are corrected. CN behaviour on receipt of RAB release request seems fully optional in the 'interactions with other procedures' section.
Summary of change:	⌘ The interactions with RAB release Request procedure are corrected so that the CN should invoke a RAB release via RAB Assignment procedure or an lu release procedure on receipt of a RAB Release Request. <u>Impact assessment towards the previous version of the specification (same release):</u> This CR has isolated impact towards the previous version of the specification (same release). This CR has an impact under functional point of view. The impact can be considered isolated because it only affects the RAB Release Request function.
Consequences if not approved:	⌘ Interoperability issue if the RNC expects the release of the RAB and the CN does not release the RAB upon receiving a RAB Release Request message.

Clauses affected: ⌘ 8.3

Other specs	⌘	<table border="1"><tr><td>Y</td><td>N</td></tr><tr><td>X</td><td></td></tr></table>	Y	N	X		Other core specifications	⌘ TS25.413 v5.6.0 CR606rev1 TS25.413 v3.14.0 CR631
	Y	N						
	X							
affected:		<table border="1"><tr><td></td><td>X</td></tr><tr><td></td><td>X</td></tr></table>		X		X	Test specifications	
		X						
	X							
		<table border="1"><tr><td></td><td>X</td></tr></table>		X	O&M Specifications			
	X							
Other comments:	⌘							

How to create CRs using this form:

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- 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.

8.3 RAB Release Request

8.3.1 General

The purpose of the RAB Release Request procedure is to enable UTRAN to request the release of one or several radio access bearers. The procedure uses connection oriented signalling.

8.3.2 Successful Operation

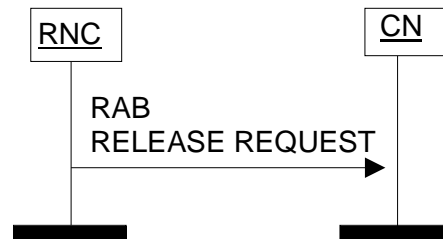


Figure 2: RAB Release Request procedure. Successful operation.

The RNC shall initiate the procedure by generating a RAB RELEASE REQUEST message towards the CN. The *RABs To Be Released* IE shall indicate the list of RABs requested to release and the *Cause* IE associated to each RAB shall indicate the reason for the release, e.g. "RAB pre-empted", "Release due to UTRAN Generated Reason", "Radio Connection With UE Lost".

Upon reception of the RAB RELEASE REQUEST message, the CN should normally initiate the appropriate release procedure for the identified RABs in the RAB RELEASE REQUEST message as defined below. It is up to the CN to decide how to react to the request.

Interaction with Iu Release Command:

If no RABs will remain according to the RAB RELEASE REQUEST message, the CN ~~may decide to~~ should initiate the Iu Release procedure if it does not want to keep the Iu signalling connection. The cause value to use is "No Remaining RAB".

Interaction with RAB Assignment (release RAB):

If the CN decides to release some or all indicated RABs, the CN ~~may decide to~~ should invoke the RAB Assignment procedure (release RAB) to this effect.

8.3.3 Abnormal Conditions

Not applicable.

3GPP TSG-RAN3 Meeting #39
 San Diego, USA, 17th-21th November 2003

Tdoc #R3-031795

CR-Form-v7

CHANGE REQUEST

⌘ **25.413 CR 606** ⌘ rev **1** ⌘ Current version: **5.6.0** ⌘

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 ME Radio Access Network Core Network

Title:	⌘ Correction of RAB Release Request Inter-working		
Source:	⌘ RAN3		
Work item code:	⌘ TEI	Date:	⌘ 17/11/2003
Category:	⌘ A	Release:	⌘ REL-5
Use <u>one</u> 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 <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) Rel-6 (Release 6)	

Reason for change:	⌘ Contradictory statements in RANAP are corrected. CN behaviour on receipt of RAB release request seems fully optional in the 'interactions with other procedures' section.
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Consequences if not approved:	⌘ Interoperability issue if the RNC expects the release of the RAB and the CN does not release the RAB upon receiving a RAB Release Request message.

Clauses affected: ⌘ **8.3**

Other specs	⌘	<table border="1"><tr><td>Y</td><td>N</td></tr><tr><td>X</td><td></td></tr></table>	Y	N	X		Other core specifications	⌘	TS25.413 v4.10.0 CR605rev1 TS25.413 v3.14.0 CR631
	Y	N							
	X								
affected:		<table border="1"><tr><td></td><td>X</td></tr><tr><td></td><td>X</td></tr></table>		X		X	Test specifications		
		X							
	X								
		<table border="1"><tr><td></td><td>X</td></tr></table>		X	O&M Specifications				
	X								
Other comments:	⌘								

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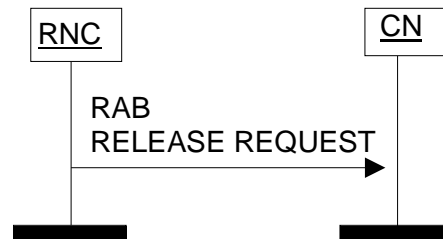


Figure 2: RAB Release Request procedure. Successful operation.

The RNC shall initiate the procedure by generating a RAB RELEASE REQUEST message towards the CN. The *RABs To Be Released* IE shall indicate the list of RABs requested to release and the *Cause* IE associated to each RAB shall indicate the reason for the release, e.g. "RAB pre-empted", "Release due to UTRAN Generated Reason", "Radio Connection With UE Lost".

Upon reception of the RAB RELEASE REQUEST message, the CN should normally initiate the appropriate release procedure for the identified RABs in the RAB RELEASE REQUEST message as defined below. It is up to the CN to decide how to react to the request.

Interaction with Iu Release Command:

If no RABs will remain according to the RAB RELEASE REQUEST message, the CN ~~may decide to~~ should initiate the Iu Release procedure if it does not want to keep the Iu signalling connection. The cause value to use is "No Remaining RAB".

Interaction with RAB Assignment (release RAB):

If the CN decides to release some or all indicated RABs, the CN ~~may decide to~~ should invoke the RAB Assignment procedure (release RAB) to this effect.

8.3.3 Abnormal Conditions

Not applicable.

3GPP TSG-RAN3 Meeting #39
 San Diego, USA, 17th-21th November 2003

Tdoc #R3-031793

CR-Form-v7	
CHANGE REQUEST	
# 25.413 CR 631 # rev - #	Current version: 3.14.0 #

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# ME Radio Access Network Core Network

Title:	# Correction of RAB Release Request Inter-working				
Source:	# RAN3				
Work item code:	# TEI	Date:	# 17/11/2003		
Category:	# F	Release:	# R99		
Use <u>one</u> 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 <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) Rel-6 (Release 6)			

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Other specs	⌘	Y	N	Other core specifications	⌘	TS25.413 v4.10.0 CR605rev1 TS25.413 v5.6.0 CR606rev1
		X				
affected:		X		Test specifications		
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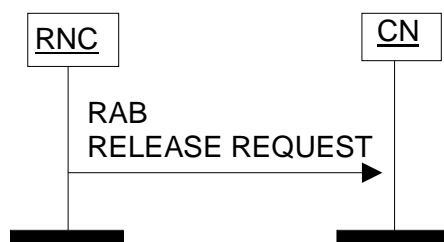


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