

TSG RAN Meeting #20
Hämeenlinna, Finland, 3 - 6 June, 2003

RP-030337

Title CR (Rel-5 only) to TS 25.423 and 25.433 on Correction for the value range of
"CQI Feedback cycle, k"
Source TSG RAN WG3
Agenda Item 7.3.6

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-030734	25.423	5.5.0	5.6.0	REL-5	836	-	F	Correction for the value range of "CQI Feedback cycle, k"	HSDPA-lublur
R3-030735	25.433	5.4.0	5.5.0	REL-5	855	-	F	Correction for the value range of "CQI Feedback cycle, k"	HSDPA-lublur

CHANGE REQUEST

⌘ **25.423 CR 836** ⌘ rev **-** ⌘ Current version: **5.5.0** ⌘

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 for the value range of "CQI Feedback cycle, k"		
Source:	⌘ RAN WG3		
Work item code:	⌘ HSDPA-lublur	Date:	⌘ 19/05/2003
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	⌘ The value range of the "CQI Feedback cycle, k" in RNSAP is not aligned with RRC, i.e. 4 and 8 are missing in RNSAP.
	<p>RNSAP: <u>Tabular</u> CQI Feedback cycle, k: ENUMERATED (0, 1, 5, 10, 20, 40, 80,...), Multiples of 2 ms intervals - actual values are 0, 2, 10, 20, 40, 80, 160 <u>ASN.1</u> CQI-Feedback-Cycle ::= ENUMERATED {v0, v1, v5, v10, v20, v40, v80,...}</p> <p>RRC: <u>Tabular</u> CQI Feedback cycle, k: Integer (0, 2, 4, 8, 10, 20, 40, 80, 160), in milliseconds <u>ASN.1</u> Feedback-cycle ::= ENUMERATED {fc0, fc2, fc4, fc8, fc10, fc20, fc40, fc80, fc160}</p>
Summary of change:	⌘ The value range of the "CQI Feedback cycle, k" in RNSAP is aligned with RRC as follows.
	<p><u>Tabular</u> CQI Feedback cycle, k: ENUMERATED (0, 2, 4, 8, 10, 20, 40, 80, 160,...), Unit ms <u>ASN.1</u> CQI-Feedback-Cycle ::= ENUMERATED {v0, v2, v4, v8, v10, v20, v40, v80, v160,...}</p>

Impact Analysis:

Impact assessment towards the previous version of the specification (same release):

This CR has [isolated impact] with the previous version of the specification (same release) because it might affect implementations supporting HSDPA.

This CR has an impact under [protocol] point of view.

The impact [can] be considered isolated because the change affects [one] [system function] namely HSDPA.

Consequences if not approved: ☞ If this CR is not approved, the inconsistency between RNSAP and RRC will still remain.

Clauses affected: ☞ 9.2.2.24a and 9.3.4

Other specs affected:		Y	N	☞ CR855 on TS25.433v5.4.0	
		X			Other core specifications
			X		Test specifications
			X	O&M Specifications	

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/specs/CR.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.

9.2.2.24a CQI Feedback Cycle k

The *CQI Feedback-Cycle k* IE provides the duration of the CQI feedback cycle.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
CQI Feedback Cycle k			ENUMERATED (0, 4 , 5 , 4 , 8, 10, 20, 40, 80, 160,...)	Unit ms Multiples of 2 ms intervals;

<not affected part is omitted>

9.3.4 Information Element Definitions

```
-- *****  
--  
-- Information Element Definitions  
--  
-- *****  
  
RNSAP-IEs {  
itu-t (0) identified-organization (4) etsi (0) mobileDomain (0)  
umts-Access (20) modules (3) rnsap (1) version1 (1) rnsap-IEs (2) }  
  
DEFINITIONS AUTOMATIC TAGS ::=  
  
BEGIN  
  
<not affected part is omitted>  
  
| CQI-Feedback-Cycle ::= ENUMERATED {v0, v12, v54, v8, v10, v20, v40, v80, v160,...}
```

CHANGE REQUEST

⌘ **25.433 CR 855** ⌘ rev **-** ⌘ Current version: **5.4.0** ⌘

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 for the value range of "CQI Feedback cycle, k"		
Source:	⌘ RAN WG3		
Work item code:	⌘ HSDPA-lublur	Date:	⌘ 19/05/2003
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	⌘ The value range of the "CQI Feedback cycle, k" in NBAP is not aligned with RRC, i.e. 4 and 8 are missing in NBAP.
	<p>NBAP: <u>Tabular</u> CQI Feedback cycle, k: ENUMERATED (0, 1, 5, 10, 20, 40, 80,...), Multiples of 2 ms intervals - actual values are 0, 2, 10, 20, 40, 80, 160</p> <p><u>ASN.1</u> CQI-Feedback-Cycle ::= ENUMERATED {v0, v1, v5, v10, v20, v40, v80,...}</p> <p>RRC: <u>Tabular</u> CQI Feedback cycle, k: Integer (0, 2, 4, 8, 10, 20, 40, 80, 160), in milliseconds</p> <p><u>ASN.1</u> Feedback-cycle ::= ENUMERATED {fc0, fc2, fc4, fc8, fc10, fc20, fc40, fc80, fc160}</p>
Summary of change:	⌘ The value range of the "CQI Feedback cycle, k" in NBAP is aligned with RRC as follows.
	<p><u>Tabular</u> CQI Feedback cycle, k: ENUMERATED (0, 2, 4, 8, 10, 20, 40, 80, 160,...), Unit ms</p> <p><u>ASN.1</u> CQI-Feedback-Cycle ::= ENUMERATED {v0, v2, v4, v8, v10, v20, v40, v80, v160,...}</p>

Impact Analysis:

Impact assessment towards the previous version of the specification (same release):

This CR has [isolated impact] with the previous version of the specification (same release) because it might affect implementations supporting HSDPA.

This CR has an impact under [protocol] point of view.

The impact [can] be considered isolated because the change affects [one] [system function] namely HSDPA.

Consequences if not approved: ⌘ If this CR is not approved, the inconsistency between NBAP and RRC will still remain.

Clauses affected: ⌘ 9.2.2.21B and 9.3.4

Other specs affected:

	Y	N		
	X		Other core specifications	⌘ CR836 on TS25.423v5.5.0
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

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9.2.2.21B CQI Feedback Cycle k

The *CQI Feedback Cycle k* IE provides the duration of the CQI feedback cycle.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
CQI Feedback Cycle k			ENUMERATED (0, 4 , 5 , 8 , 10, 20, 40, 80, 160 ,...)	<u>Unit ms</u> Multiples of 2 ms intervals

<not affected part is omitted>

9.3.4 Information Elements Definitions

```
--*****  
--  
-- Information Element Definitions  
--  
--*****
```

```
NBAP-IEs {  
itu-t (0) identified-organization (4) etsi (0) mobileDomain (0)  
umts-Access (20) modules (3) nbap (2) version1 (1) nbap-IEs (2) }
```

```
DEFINITIONS AUTOMATIC TAGS ::=  
BEGIN
```

<not affected part is omitted>

```
CQI-Feedback-Cycle ::= ENUMERATED {v0, v2, v54, v8, v10, v20, v40, v80, v160,...}
```