

TSG RAN Meeting #17
Biarritz, France, 3 - 6 September, 2002

RP-020610

Title CRs (Rel-4 and Rel-5 Category A) to TS 25.435
Source TSG RAN WG3
Agenda Item 7.3.4

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-021890	25.435	4.4.0	4.5.0	REL-4	085	-	F	Correction on Paging Indication bitmap	LCRTDD-lublur
R3-021891	25.435	5.1.0	5.2.0	REL-5	086	-	A	Correction on Paging Indication bitmap	LCRTDD-lublur

CR-Form-v7

CHANGE REQUEST

25.435 CR 085 # rev **-** # Current version: **4.4.0**

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 on Paging Indication bitmap		
Source:	# RAN WG3		
Work item code:	# LCRTDD-lublur	Date:	# 15/8/2002
Category:	# F	Release:	# Rel-4
	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:	# In TS 25.221 5.3.7 and 6.3.8, it is respectively described number N_{PI} of paging indicators per radio frame for different paging indicator lengths L_{PI} for 3.84Mcps TDD and 1.28Mcps TDD. In current R4/R5 TS 25.435 6.2.7.12 the paging indication bitmap for TDD only refers 3.84Mcps TDD. So it is necessary to add the corresponding text for 1.28Mcps TDD.
Summary of change:	# Adding the the value range and field length of PI-bitmap for 1.28Mcps TDD in section 6.2.7.12. Impact Analysis: The impact can be considered isolated because the change affects only the data frame structure of PCH for 1.28Mcps TDD.
Consequences if not approved:	# If this CR is rejected, the PI-bitmap will not be correctly used in 1.28Mcps TDD mode.

Clauses affected:	# 6.2.7.12								
Other specs affected:	<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">Y</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">N</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> <td style="border: 1px solid black; padding: 2px; text-align: center;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;"></td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;"></td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> </table> Other core specifications # CR086 25.435 Rel-5(mirror CR) Test specifications O&M Specifications	Y	N	X			X		X
Y	N								
X									
	X								
	X								
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.

6.2.7.12 Paging Indication bitmap (PI-bitmap)

Description: Bitmap of Paging Indications $PI_0..PI_{N-1}$. Bit 7 of the first byte contains PI_0 , Bit6 of the first byte contains PI_1, \dots , Bit7 of the second byte contains PI_8 and so on.

Value range: [FDD - {18, 36, 72 or 144 Paging Indications}.]

[3.84Mcps TDD – {30, 34, 60, 68, 120 and 136} Paging Indications for 2 PICH frames,
 _____ {60, 68, 120, 136, 240 and 272} Paging Indications for 4 PICH frames].

[1.28Mcps TDD – {44, 88 and 176} Paging Indications for 2 PICH frames,
 _____ {88, 176 and 352} Paging Indications for 4 PICH frames].

Field length: [FDD - 3, 5, 9 or 18 bytes (the PI-bitmap field is padded at the end up to an octet boundary)].

[3.84Mcps TDD – 4, 5, 8, 9, 15, 17, 30 or 34 bytes (the PI-bitmap field is padded at the end up to an octet boundary)].

[1.28Mcps TDD – 6, 11, 22 or 44 bytes (the PI-bitmap field is padded at the end up to an octet boundary)].

CR-Form-v7

CHANGE REQUEST

25.435 CR 086 # 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: UICC apps# ME Radio Access Network Core Network

Title:	# Correction on Paging Indication bitmap		
Source:	# RAN WG3		
Work item code:	# LCRTDD-lublur	Date:	# 15/08/2002
Category:	# A	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)
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	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:	# In TS 25.221 5.3.7 and 6.3.8, it is respectively described number N_{PI} of paging indicators per radio frame for different paging indicator lengths L_{PI} for 3.84Mcps TDD and 1.28Mcps TDD. In current R4/R5 TS 25.435 6.2.7.12 the paging indication bitmap for TDD only refers 3.84Mcps TDD. So it is necessary to add the corresponding text for 1.28Mcps TDD.
Summary of change:	# Adding the the value range and field length of PI-bitmap for 1.28Mcps TDD in section 6.2.7.12. Impact Analysis: The impact can be considered isolated because the change affects only the data frame structure of PCH for 1.28Mcps TDD.
Consequences if not approved:	# If this CR is rejected, the PI-bitmap will not be correctly used in 1.28Mcps TDD mode.

Clauses affected:	# 6.2.7.12								
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Y	N								
X									
	X								
	X								
Other comments:	#								

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[1.28Mcps TDD – 6, 11, 22 or 44 bytes (the PI-bitmap field is padded at the end up to an octet boundary)].