TSG RAN Meeting #28 RP-050224

Quebec, Canada, 01 - 03 June 2005

Title CRs (Rel-5 & Rel-6) for the removal of Compressed mode by punturing

Source TSG RAN WG3

Agenda Item 7.7.8

RAN3 Tdoc	Spec	CR	Rev	Cat	curr. Vers.	new Vers.	Rel	Work item	Title
R3-050743	25.423	1064	1	С	5.13.0	5.14.0	Rel-5	TEI5	Feature clean-up: Removal of Compressed mode by puncturing
R3-050744	25.423	1065	1	С	6.5.0	6.6.0	Rel-6	TEI5	Feature clean-up: Removal of Compressed mode by puncturing
R3-050745	25.433	1109	1	С	5.12.0	5.13.0	Rel-5	TEI5	Feature clean-up: Removal of Compressed mode by puncturing
R3-050746	25.433	1110	1	С	6.5.0	6.6.0	Rel-6	TEI5	Feature clean-up: Removal of Compressed mode by puncturing

	CHANGE REQUEST	CR-Form-v7.1
*	25.423 CR 1064 # rev 1 # C	urrent version: 5.13.0 **
For <u><b>HELP</b></u> on u	sing this form, see bottom of this page or look at the p	op-up text over the 策 symbols.
Proposed change a	affects: UICC apps第 <mark>    ME</mark> Radio Acce	ess Network X Core Network
Title: 第	Feature clean-up: Removal of Compressed mode by	y puncturing
Source: ೫	RAN3	
Work item code: ₩	TEI5	<b>Date:</b>
	Use 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.	Pelease: # Rel-5 Use one of the following releases: Ph2 (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 7)
Reason for change	At RAN Plenary #27 it was decided to remove feature from this version of protocol.	e: Compressed mode by puncturing
Summary of chang	In clause 9.2.2.47A it is indicated that the value "Pun Downlink Compressed Mode Method IE. The structur Method IE is kept and the value "Puncturing" is replated ASN.1 changes are in clause 9.3.4.	re of the Downlink Compressed Mode
Consequences if not approved:	#27 to remove this	feature is violated.
Clauses affected:	策 9.2.2.47A, 9.3.4	
Other specs affected:		25.133, 25.211, 25.212, 25.214, 25.331, 25.433
Other comments:	<b>x</b>	

- 1) Fill out the above form. The symbols above marked \( \mathcal{H} \) 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 <a href="ftp://ftp.3gpp.org/specs/">ftp://ftp.3gpp.org/specs/</a> 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.

# 9.2.2.47A Transmission Gap Pattern Sequence Information

Defines the parameters for the compressed mode gap pattern sequence. For details see [16].

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Transmission Gap Pattern Sequence Information		1 <maxtgps></maxtgps>		
>TGPSI Identifier	М		INTEGER(1. . <maxtgps &gt;)</maxtgps 	Transmission Gap Pattern Sequence Identifier Establish a reference to the compressed mode pattern sequence. Up to <maxtgps> simultaneous compressed mode pattern sequences can be used.</maxtgps>
>TGSN	М		INTEGER(014)	Transmission Gap Starting Slot Number The slot number of the first transmission gap slot within the TGCFN.
>TGL1	M		INTEGER(1. .14)	The length of the first Transmission Gap within the transmission gap pattern expressed in number of slots.
>TGL2	0		INTEGER(1. .14)	The length of the second Transmission Gap within the transmission gap pattern. If omitted, then TGL2=TGL1.
>TGD	M		INTEGER (0, 15 269)	Transmission gap distance indicates the number of slots between the starting slots of two consecutive transmission gaps within a transmission gap pattern. If there is only one transmission gap in the transmission gap pattern, this parameter shall be set to 0 (0 = undefined).
>TGPL1	М		INTEGER( 1144,)	The duration of transmission gap pattern 1 in frames.
>Not-to-be-used-1	0		INTEGER( 1144,)	This IE shall never be included in the IE group. If received it shall be ignored.
>UL/DL mode	M		ENUMERAT ED(UL only, DL only, UL/DL)	Defines whether only DL, only UL, or combined UL/DL compressed mode is used.
>Downlink Compressed Mode Method	C-DL		ENUMERAT ED(not Used, puncturing, SF/2, higher layer scheduling,)	Method for generating downlink compressed mode gap . The Downlink Compressed Mode Method IE shall never be set to "not Used".
>Uplink Compressed Mode Method	C-UL		ENUMERAT ED(SF/2, higher layer scheduling, )	Method for generating uplink compressed mode gap.
>Downlink Frame Type	M		ENUMERAT ED(A, B,)	Defines if frame type 'A' or 'B' shall be used in downlink compressed mode.
>DeltaSIR1	M		INTEGER(030)	Delta in SIR target value to be set in the DRNS during the frame containing the start of the first transmission gap in the transmission gap pattern (without including the effect of the bit-rate increase) Step 0.1 dB, Range 0-3dB

>DeltaSIRafter1	М	INTEGER (030)	Delta in SIR target value to be set in the DRNS one frame after the frame containing the start of the first transmission gap in the transmission gap pattern,. Step 0.1 dB, Range 0-3dB
>DeltaSIR2	0	INTEGER (030)	Delta in SIR target value to be set in the DRNS during the frame containing the start of the second transmission gap in the transmission gap pattern (without including the effect of the bit-rate increase) When omitted, DeltaSIR2 = DeltaSIR1. Step 0.1 dB, Range 0-3dB
>DeltaSIRafter2	0	INTEGER (030)	Delta in SIR target value to be set in the DRNS one frame after the frame containing the start of the second transmission gap in the transmission gap pattern. When omitted, DeltaSIRafter2 = DeltaSIRafter1. Step 0.1 dB, Range 0-3dB

Condition	Explanation
UL	The IE shall be present if the <i>UL/DL mode</i> IE is set to "UL only" or
	"UL/DL".
DL	The IE shall be present if the <i>UL/DL mode</i> IE is set to "DL only" or
	"UL/DL".

Range bound	Explanation
maxTGPS	Maximum number of transmission gap pattern sequences.

END

### 9.3.4 Information Elements Definitions

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<b>x</b>	25	.423	CR 10	<b>165</b>	жrev	1	H	Curr	ent ver	sion:	6.5	0.0	#
For <u>HELP</u> on u	sing t	his for	m, see bo	ttom of th	is page c	r look	at th	e pop	-up tex	t over	the 3	€syn	nbols.
Proposed change a	affec	<i>ts:</i> (	JICC apps	# <u> </u>	ME	Ra	dio A	ccess	Netwo	ork X	Cor	re Ne	twork
Title: ж	Fea	ature c	lean-up: F	Removal c	of Compre	ssed	mode	e by p	uncturi	ing			
Source: #	RA	N3											
Work item code: ₩								,	Date:	P 11/C	N5/200	15	
		J									)J/200	) )	
Category: Ж	C	one of:	the followin	a categorii	۵¢.				e <b>ase:</b> } e <u>one</u> o	_	-	a rele	3000.
		F (corr	rection)	-					Ph2	(GSN	Л Pha	se 2)	ases.
			responds to		ion in an e	arlier r	eleas		R96 R97		ease 1 ease 1		
		<ul><li>B (addition of feature),</li><li>C (functional modification of feature)</li></ul>						R98		ease 1			
		D (editorial modification)						R99		ease 1			
	be fo	ailed explanations of the above categories can ound in 3GPP <u>TR 21.900</u> .						Rel-4 Rel-5		ease 4 ease 5			
									Rel-6	(Rele	ease 6	()	
									Rel-7	(Rele	ease 7	)	
Reason for change	e: #					remo	ve fea	ature: (	Compre	essed m	node b	y pun	cturing
		from ti	his version	or protoco	01.								
Summary of chang	je:₩												
		Downlink Compressed Mode Method IE. The structure of the Downlink Compressed Method IE is kept and the value "Puncturing" is replaced by "Not Used".							sea moae				
			•					•	Ĭ				
		The re	lated ASN	1 changes	are in clai	ise 9.3	5.4.						
Camaanuamaa if	ഹ	Tl 1.	:.: £-14	-4 D A NI D1		4	4	1.	4 :		.1		
Consequences if not approved:	ж	The de	ecision felt	at KAN PI	lenary #27	to ren	love t	ms iea	lure is	vioiate	a.		
Clauses affected:	$\aleph$	9.2.2	.47A, 9.3.	4									
		YN											
Other specs	$\aleph$	X	Other co	re specifi	cations	$\mathfrak{H}$	25.10	01, 25	5.133,	25.21	1, 25	.212,	25.214,
									5.331,				
affected:		X		cifications									
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Other comments:	$\mathfrak{H}$												

- 1) Fill out the above form. The symbols above marked \( \mathcal{H} \) contain pop-up help information about the field that they are closest to.
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# 9.2.2.47A Transmission Gap Pattern Sequence Information

Defines the parameters for the compressed mode gap pattern sequence. For details see [16].

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Transmission Gap Pattern Sequence Information		1 <maxtgps></maxtgps>		
>TGPSI Identifier	М		INTEGER(1. . <maxtgps &gt;)</maxtgps 	Transmission Gap Pattern Sequence Identifier Establish a reference to the compressed mode pattern sequence. Up to <maxtgps> simultaneous compressed mode pattern sequences can be used.</maxtgps>
>TGSN	М		INTEGER(014)	Transmission Gap Starting Slot Number The slot number of the first transmission gap slot within the TGCFN.
>TGL1	M		INTEGER(1. .14)	The length of the first Transmission Gap within the transmission gap pattern expressed in number of slots.
>TGL2	0		INTEGER(1. .14)	The length of the second Transmission Gap within the transmission gap pattern. If omitted, then TGL2=TGL1.
>TGD	M		INTEGER (0, 15 269)	Transmission gap distance indicates the number of slots between the starting slots of two consecutive transmission gaps within a transmission gap pattern. If there is only one transmission gap in the transmission gap pattern, this parameter shall be set to 0 (0 = undefined).
>TGPL1	М		INTEGER( 1144,)	The duration of transmission gap pattern 1 in frames.
>Not-to-be-used-1	0		INTEGER( 1144,)	This IE shall never be included in the IE group. If received it shall be ignored.
>UL/DL mode	M		ENUMERAT ED(UL only, DL only, UL/DL)	Defines whether only DL, only UL, or combined UL/DL compressed mode is used.
>Downlink Compressed Mode Method	C-DL		ENUMERAT ED(puncturin gnot Used, SF/2, higher layer scheduling,)	Method for generating downlink compressed mode gapThe Downlink Compressed Mode Method IE shall never be set to "not Used".
>Uplink Compressed Mode Method	C-UL		ENUMERAT ED(SF/2, higher layer scheduling, )	Method for generating uplink compressed mode gap.
>Downlink Frame Type	М		ENUMERAT ED(A, B,)	Defines if frame type 'A' or 'B' shall be used in downlink compressed mode.
>DeltaSIR1	М		INTEGER(030)	Delta in SIR target value to be set in the DRNS during the frame containing the start of the first transmission gap in the transmission gap pattern (without including the effect of the bit-rate increase) Step 0.1 dB, Rease 0-3dB
>DeltaSIRafter1	М		INTEGER	Delta in SIR target value to be

		(030)	set in the DRNS one frame after the frame containing the start of the first transmission gap in the transmission gap pattern,. Step 0.1 dB, Range 0-3dB
>DeltaSIR2	0	INTEGER (030)	Delta in SIR target value to be set in the DRNS during the frame containing the start of the second transmission gap in the transmission gap pattern (without including the effect of the bit-rate increase) When omitted, DeltaSIR2 = DeltaSIR1. Step 0.1 dB, Range 0-3dB
>DeltaSIRafter2	0	INTEGER (030)	Delta in SIR target value to be set in the DRNS one frame after the frame containing the start of the second transmission gap in the transmission gap pattern. When omitted, DeltaSIRafter2 = DeltaSIRafter1. Step 0.1 dB, Range 0-3dB

Condition	Explanation
UL	The IE shall be present if the <i>UL/DL mode</i> IE is set to "UL only" or
	"UL/DL".
DL	The IE shall be present if the <i>UL/DL mode</i> IE is set to "DL only" or
	"UL/DL".

Range bound	Explanation
maxTGPS	Maximum number of transmission gap pattern sequences.

# 9.3.4 Information Element Definitions

END

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__*********************************
-- 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
***Unchanged parts are not shown***
Downlink-Compressed-Mode-Method
                               ::= ENUMERATED {
   not-Used-Puncturing,
   sFdiv2,
   higher-layer-scheduling,
***Unchanged parts are not shown***
```

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			CHA	ANGE	REQ	UE	ST					CR-Foi	rm-v7.1
*	25.	433	CR 110	9	∉ rev	1	¥	Curre	ent ver	sion:	5.12	<b>0</b> #	
For <u>HELP</u> on u	sing t	his for	m, see botto	om of this µ	page or	look	at the	э рор-	up tex	t over	the X	symbol	ls.
Proposed change a	affect	:s: \	JICC apps≆	3	ME	Rad	dio Ad	ccess	Netwo	ork X	Core	Netwo	rk
Title: ∺	Fea	iture c	lean-up: Re	moval of C	ompres	ssed	mode	by pu	uncturi	ng			
Source: #	RAI	N3											
Work item code: ∺	TEI	5						E	Date: #	3 11/	05/200	)5	
Category: ж	<b>C</b> Use o	one of t	the following	categories:					ase: # e one o	_	_	release	s:
	Detai	e <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification)  ailed explanations of the above categories can found in 3GPP TR 21.900.				)	Use one of the following release Ph2 (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 7)			e 2) 96) 97) 98)			
Reason for change			N Plenary #2 nis version of		cided to	remo	ve fea	ture: C	Compre	ssed m	ode by	punctur	ing
Summary of chang		Downl Method	se 9.2.2.53A ink Compres. d IE is kept a lated ASN.1	sed Mode M nd the value	<i>lethod</i> II e "Punct	E. The turing	e struc " is re	cture o	f the D	ownlin	ik Com		
Consequences if not approved:	¥	The de	cision felt at	RAN Plena	ary #27 t	o rem	ove th	nis feat	ture is v	violate	d.		
		0.00											
Clauses affected:	$\mathfrak{H}$	9.2.2	.53A, 9.3.4										
Other specs	*	Y N X X X	Other core Test specif O&M Spec	ications	ions				.133, 2 .331, 2			212, 25	.214,
Other comments:	¥												

- 1) Fill out the above form. The symbols above marked \( \mathcal{H} \) contain pop-up help information about the field that they are closest to.
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9.2.2.53A Transmission Gap Pattern Sequence Information	ence information
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Defines the parameters for the compressed mode gap pattern sequence. For details see ref. [18].

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Transmission Gap Pattern Sequence Information		1 <maxt GPS&gt;</maxt 		
>TGPS Identifier	M		INTEGER (1maxTGPS)	Transmission Gap Pattern Sequence Identifier: Establish a reference to the compressed mode pattern sequence. Up to <maxtgps> simultaneous compressed mode pattern sequences can be used.</maxtgps>
>TGSN	М		INTEGER (014)	Transmission Gap Starting Slot Number: The slot number of the first transmission gap slot within the TGCFN.
>TGL1	M		INTEGER (114)	The length of the first Transmission Gap within the transmission gap pattern expressed in number of slots.
>TGL2	0		INTEGER (114)	The length of the second Transmission Gap within the transmission gap pattern. If omitted, then TGL2=TGL1.
>TGD	M		INTEGER (0, 15 269)	Transmission Gap Distance: indicates the number of slots between the starting slots of two consecutive transmission gaps within a transmission gap pattern. If there is only one transmission gap in the transmission gap pattern, this parameter shall be set to "0" ("0" =undefined).
>TGPL1	М		INTEGER (1144,)	The duration of transmission gap pattern 1 in frames.
>Not-to-be-used-1	0		INTEGER (1144,)	This IE shall never be included in the IE group. If received it shall be ignored.
>UL/DL Mode	M		ENUMERATED ( UL only, DL only, UL/DL)	Defines whether only DL, only UL or combined UL/DL compressed mode is used.
>Downlink Compressed Mode Method	C-DL		ENUMERATED ( Not Used Puncturing, SF/2, Higher Layer Scheduling,)	Method for generating downlink compressed mode gap. The Downlink Compressed Mode Method IE shall never be set to "Not Used".
>Uplink Compressed Mode Method	C-UL		ENUMERATED ( SF/2, Higher Layer Scheduling, )	Method for generating uplink compressed mode gap.
>Downlink Frame Type	М		ENUMERATED (A, B,)	Defines if frame structure type "A" or "B" shall be used in downlink compressed mode.
>DeltaSIR1	M		INTEGER (030)	Delta in SIR target value to be set in the Node B during the frame containing the start of the first transmission gap in the transmission gap pattern (without including the effect of the bit-rate increase). Unit: dB Range: 03 dB

			Step: 0.1 dB
>DeltaSIRafter1	M	INTEGER (030)	Delta in SIR target value to be set in the Node B one frame after the frame containing the start of the first transmission gap in the transmission gap pattern. Unit: dB Range: 03 dB Step: 0.1 dB
>DeltaSIR2	0	INTEGER (030)	Delta in SIR target value to be set in the Node B during the frame containing the start of the second transmission gap in the transmission gap pattern (without including the effect of the bit-rate increase).  When omitted, DeltaSIR2 = DeltaSIR1. Unit: dB Range: 03 dB Step: 0.1 dB
>DeltaSIRafter2	0	INTEGER (030)	Delta in SIR target value to be set in the Node B one frame after the frame containing the start of the second transmission gap in the transmission gap pattern. When omitted, DeltaSIRafter2 = DeltaSIRafter1. Unit: dB Range: 03 dB Step: 0.1 dB

Condition	Explanation
UL	The IE shall be present if the <i>UL/DL mode</i> IE is set to "UL only" or "UL/DL".
DL	The IE shall be present if the <i>UL/DL mode</i> IE is set to "DL only" or "UL/DL".

Range Bound	Explanation
maxTGPS	Maximum number of transmission gap pattern sequences

END

### 9.3.4 Information Elements Definitions

3GPP

### 3GPP TSG-RAN WG3 Meeting #47 Athens, Greece, May 8 – 13 2005

	CHANGE REQUEST	CR-Form-v7.1
*	25.433 CR 1110	Current version: 6.5.0 #
For <u><b>HELP</b></u> on u	sing this form, see bottom of this page or look at the p	pop-up text over the 発 symbols.
Proposed change	affects: UICC apps器 ME Radio Acc	ess Network X Core Network
Title: Ж	Feature clean-up: Removal of Compressed mode by	by puncturing
Source: #	RAN3	
Work item code: ∺	TEI5	Date:     **Table 1.05/2005***  **Table 1.05/2005**  **T
	Use 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-6  Use one of the following releases: Ph2 (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) Rel-7 (Release 7)
	#27 it was decided to remove feature from this version of protocol.  #38 In clause 9.2.2.53A it is indicated that the value "Pur Downlink Compressed Mode Method IE. The structure Method IE is kept and the value "Puncturing" is replaced The related ASN.1 changes are in clause 9.3.4.	ncturing" shall not be included in the ure of the <i>Downlink Compressed Mode</i>
Consequences if not approved:	#27 to remove this	s feature is violated.
Clauses affected:	策 9.2.2.53A, 9.3.4	
Other specs affected:	Y N	, 25.133, 25.211, 25.212, 25.214, , 25.331, 25.423
Other comments:	<b>x</b>	

- 1) Fill out the above form. The symbols above marked \( \mathcal{H} \) contain pop-up help information about the field that they are closest to.
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Defines the parameters for the compressed mode gap pattern sequence. For details see ref. [18].

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Transmission Gap Pattern Sequence Information		1 <maxt GPS&gt;</maxt 		
>TGPS Identifier	M		INTEGER (1maxTGPS)	Transmission Gap Pattern Sequence Identifier: Establish a reference to the compressed mode pattern sequence. Up to <maxtgps> simultaneous compressed mode pattern sequences can be used.</maxtgps>
>TGSN	М		INTEGER (014)	Transmission Gap Starting Slot Number: The slot number of the first transmission gap slot within the TGCFN.
>TGL1	M		INTEGER (114)	The length of the first Transmission Gap within the transmission gap pattern expressed in number of slots.
>TGL2	0		INTEGER (114)	The length of the second Transmission Gap within the transmission gap pattern. If omitted, then TGL2=TGL1.
>TGD	M		INTEGER (0, 15 269)	Transmission Gap Distance: indicates the number of slots between the starting slots of two consecutive transmission gaps within a transmission gap pattern. If there is only one transmission gap in the transmission gap pattern, this parameter shall be set to "0" ("0" =undefined).
>TGPL1	М		INTEGER (1144,)	The duration of transmission gap pattern 1 in frames.
>Not-to-be-used-1	0		INTEGER (1144,)	This IE shall never be included in the IE group. If received it shall be ignored.
>UL/DL Mode	M		ENUMERATED ( UL only, DL only, UL/DL)	Defines whether only DL, only UL or combined UL/DL compressed mode is used.
>Downlink Compressed Mode Method	C-DL		ENUMERATED ( Not UsedPuncturing, SF/2, Higher Layer Scheduling,)	Method for generating downlink compressed mode gap. The Downlink Compressed Mode Method IE shall never be set to "Not Used".
>Uplink Compressed Mode Method	C-UL		ENUMERATED ( SF/2, Higher Layer Scheduling, )	Method for generating uplink compressed mode gap.
>Downlink Frame Type	М		ENUMERATED (A, B,)	Defines if frame structure type "A" or "B" shall be used in downlink compressed mode.
>DeltaSIR1	M		INTEGER (030)	Delta in SIR target value to be set in the Node B during the frame containing the start of the first transmission gap in the transmission gap pattern (without including the effect of the bit-rate increase). Unit: dB Range: 03 dB

			Step: 0.1 dB
>DeltaSIRafter1	M	INTEGER (030)	Delta in SIR target value to be set in the Node B one frame after the frame containing the start of the first transmission gap in the transmission gap pattern. Unit: dB Range: 03 dB Step: 0.1 dB
>DeltaSIR2	0	INTEGER (030)	Delta in SIR target value to be set in the Node B during the frame containing the start of the second transmission gap in the transmission gap pattern (without including the effect of the bit-rate increase).  When omitted, DeltaSIR2 = DeltaSIR1. Unit: dB Range: 03 dB Step: 0.1 dB
>DeltaSIRafter2	0	INTEGER (030)	Delta in SIR target value to be set in the Node B one frame after the frame containing the start of the second transmission gap in the transmission gap pattern. When omitted, DeltaSIRafter2 = DeltaSIRafter1. Unit: dB Range: 03 dB Step: 0.1 dB

Condition	Explanation
UL	The IE shall be present if the <i>UL/DL mode</i> IE is set to "UL only" or
	"UL/DL".
DL	The IE shall be present if the <i>UL/DL mode</i> IE is set to "DL only" or
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Range Bound	Explanation
maxTGPS	Maximum number of transmission gap pattern sequences

### 9.3.4 Information Elements Definitions

END

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