# TSG RAN Meeting #19 Birmingham, UK, 11 - 14 March 2003

RP-030082

Title CRs (R99 and Rel-4/Rel-5 Category A) to TS 25.423 and 25.433 linked to RAN2

(25.331) on Corrections to Channelisation Code TFCI Mapping for TDD

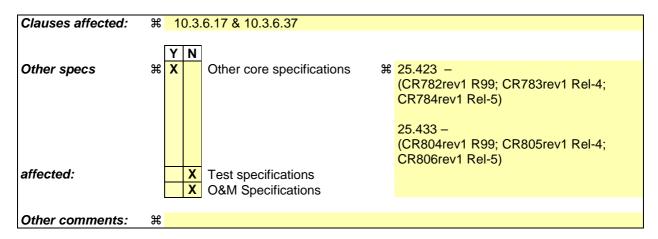
Source TSG RAN WG3

Agenda Item 8.3.6

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-030264	25.423	3.12.0	3.13.0	R99	782	1	F	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R3-030265	25.423	4.7.0	4.8.0	REL-4	783	1	Α	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R3-030266	25.423	5.4.0	5.5.0	REL-5	784	1	Α	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R3-030261	25.433	3.12.0	3.13.0	R99	804	1	F	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R3-030262	25.433	4.7.0	4.8.0	REL-4	805	1	Α	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R3-030263	25.433	5.3.0	5.4.0	REL-5	806	1	Α	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R2-030486	25.331	3.13.0	3.14.0	R99	1856	-	F	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R2-030487	25.331	4.8.0	4.9.0	REL-4	1857	-	Α	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R2-030488	25.331	5.3.0	5.4.0	REL-5	1858	-	Α	Corrections to Channelisation Code TFCI Mapping for TDD	TEI

Tdoc **#R2-030486** 

oopilia Altiipolis, I falice, I ebitaary 17-21, 2005										
		(	CHANGE	REQ	UES	T			CR-For	rm-v7
×	25.3	31 CR	1856	жrev	<b>-</b> 3	¥	Current ver	sion: 3	.13.0 <sup>±</sup>	ļ
For <u>HELP</u> on us	sing this	s form, see	bottom of this	s page or	look at	the	pop-up text	t over th	ne Ж symbols.	
Proposed change a	ffects:	UICC a	pps#	ME X	Radio	Aco	cess Netwo	rk X	Core Network	(
				0   75	21.84		( TDD			
Title: ₩			hannelisation	Code IF	JI Map	ping	g for TDD			
Source: #	TSG I	RAN WG2								
Work item code: ₩	TEI						Date: ₩	17 Fe	eb. 2003	
	Use one F A B C D Detailed be foun	(correction) (correspond (addition of (functional in dexplanation d in 3GPP)  o be considered.	modification of todification) ns of the above R 21.900.  stent with the (R1-02-0985)	recent ch	anges e 5A.2	to 2	2 R96 R97 R98 R99 Rel-4 Rel-5 Rel-6	the follo (GSM I (Releas (Releas (Releas (Releas (Releas (Releas Solot cor	se 5) se 6)	CI,
	C	hannel sec		er ( <i>p</i> ) in th					of TFCI code	
Summary of change	( S	10.3.6.37),	annelisation o	s descript	ion refe	errin	ng to mappir	ng of TF	CI to the first	
	l:	solated Im	pact Analysi	s –						
	E	Effects TDE	TFCI/TPC cl	nannelisat	ion cod	de a	ssignment	within th	ne CCTrCH.	
			solated impacted in its interest in interest in its i			s a f	functionality	where	the specificati	ion
			uld not affect t implementat						in the CR, lity otherwise.	
Consequences if not approved:	ir	nterpretatio		s between					3 due to differ TFCI would b	



- 1) Fill out the above form. The symbols above marked \$\mathbb{X}\$ 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://fttp.3gpp.org/specs/">ftp://fttp.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.

### 10.3.6.17 Downlink channelisation codes

NOTE: Only for TDD

Information Element/Group name	Need	Multi	Type and reference	Semantics description
CHOICE codes representation	MP		reletetice	
>Consecutive codes	IVIF			
>>First channelisation code	MP		Enumerated ( (16/1)(16/1 6))	The codes from First channelisation code to Last channelisation code shall be used in that order by the physical layer in this timeslot. If a TFCI exists in this timeslot, it is mapped in the First to the channelisation code as defined in [30].
>>Last channelisation code	MP		Enumerated ( (16/1)(16/1 6))	If this is the same as First channelisation code, only one code is used by the physical layer.
>Bitmap				
>>Channelisation codes bitmap	MP		Bit string(16)	Each bit indicates the availability of a channelisation code for SF16, where the channelisation codes are numbered as channelisation code 1 (SF16) to channelisation code 16 (SF16). (For SF 16, a 1 in the bitmap means that the corresponding code is used, a 0 means that the corresponding code is not used.)  If all bits are set to zero, SF 1 shall be used.

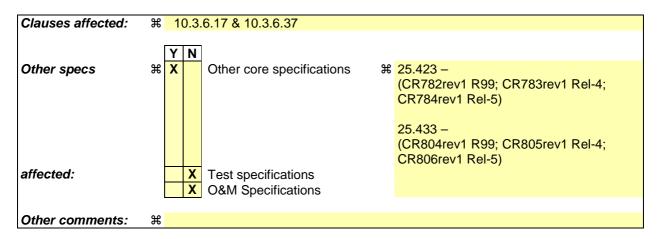
• • •

## 10.3.6.37 Individual timeslot info

Information Element/Group name	Need	Multi	Type and reference	Semantics description
Timeslot number	MP		Timeslot number 10.3.6.84	Timeslot within a frame
TFCI existence	MP		Boolean	TRUE indicates that the TFCI exists. It shall be coded in the first physical channel defined in [30] of this timeslot.
Midamble Shift and burst type	MP		Midamble shift and burst type 10.3.6.41	

Tdoc #R2-030487

												CR-Form-v7
			(	CHANG	GE RE	EQI	JE:	ST				
ж	25	.331	CR	1857	жre	eν	-	ж	Current vers	sion:	4.8.0	¥
5 UELD			•		·						4 00	
For <u>HELP</u> on u	ising t	this tor	m, see	bottom of	this page	e or l	ook a	at the	e pop-up text	over	the # syr	nbols.
											1	
Proposed change	affec	ts: l	JICC a	pps#	ME	X	Rad	io A	ccess Netwo	rk X	Core Ne	etwork
Title: ∺	Coi	rectio	ns to C	hannelisat	tion Code	TFC	I Ma	ppin	g for TDD			
Source: #	TS	G RAN	WG2									
Work item code: ₩	TE	ı							Date: ℜ	17	Feb. 2003	
Work item code. a	IC								Date: #	17	reb. 2003	)
Category: ж	A	one of	the fell-	wing actor	orios:				Release: 光 Use one of			2000:
			tne iolio rection)	wing categ	ories:				Use <u>one</u> or 2		люwing reie Л Phase 2)	eases:
				ls to a corre	ection in ar	n earl	ier re	lease		(Rele	ease 1996)	
		•		feature), nodificatior	n of feature	e)			R97 R98	•	ease 1997) ease 1998)	
		<b>D</b> (edi	torial m	odification)		•			R99	(Rele	ease 1999)	
				ns of the ab	oove categ	ories	can		Rel-4 Rel-5		ease 4) ease 5)	
	50 10	dila ili	3011	<u>IX 21.000</u> .					Rel-6		ease 6)	
Reason for change	<b>.</b> 40	Tob	o conci	ctont with	the recor	t obe	ngo	c to '	25 224 /D4 C	2 00	20) cuboli	21100
Reason for change	<del>.</del>								25.221 (R1-0 1: "If a time s			
		then	it is alv	vays trans	mitted us	ing tl	ne ph	nysic	al channel w	ith the	e lowest p	hysical
						in tha	at tim	eslo	t." Current de	efinitio	on of TFC	I code
		тар	ping ne	eds to be	upuateu.							
Summary of chang	<b>ye:</b> ૠ								7) and Individ			
									ing to mappir			
				annelisatio in 25.221.		as b	een r	еріа	ced by refere	ence	to the upa	ated
			·									
		Isola	ated Im	pact Ana	lysis –							
		Effec	cts TDE	TFCI/TP	C channe	lisati	on c	ode a	assignment v	vithin	the CCTr	CH.
					•			cts a	functionality	wher	e the spec	cification
		is ind	consist	ent with ch	nanges in	25.2	21.					
		This	CR wo	uld not aff	fect imple	men	tatior	ns be	ehaving as in	dicate	ed in the C	CR,
									corrected ful			
Consequences if	¥	Inco	nsisten	t specifica	tion. Misa	lianr	nent	betv	veen UE and	Node	e B due to	different
not approved:	00	inter	pretatio	on of the s	pecs betw	veen			nd Node B, t			
				t place tha								



- 1) Fill out the above form. The symbols above marked \$\mathbb{X}\$ 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://fttp.3gpp.org/specs/">ftp://fttp.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.

## 10.3.6.17 Downlink channelisation codes

NOTE: Only for TDD

Information Element/Group name	Need	Multi	Type and reference	Semantics description
CHOICE codes representation	MP			
>Consecutive codes				
>>First channelisation code	MP		Enumerated ( (16/1)(16/1 6))	The codes from First channelisation code to Last channelisation code shall be used in that order by the physical layer in this timeslot. If a TFCI exists in this timeslot, it is mapped in the First to the channelisation code as defined in [30].
>>Last channelisation code	MP		Enumerated ( (16/1)(16/1 6))	If this is the same as First channelisation code, only one code is used by the physical layer.
>Bitmap				-
>>Channelisation codes bitmap	MP		Bit string(16)	Each bit indicates the availability of a channelisation code for SF16, where the channelisation codes are numbered as channelisation code 1 (SF16) to channelisation code 16 (SF16). (For SF 16, a 1 in the bitmap means that the corresponding code is used, a 0 means that the corresponding code is not used.)  If all bits are set to zero, SF 1 shall be used.

•••

## 10.3.6.37 Individual timeslot info

Information Element/Group	Need	Multi	Type and	Semantics	Version
name			reference	description	
Timeslot number	MP		Timeslot	Timeslot within a	
			number	frame	
			10.3.6.84		
TFCI existence	MP		Boolean	TRUE indicates	
				that the TFCI	
				exists. It shall be	
				coded in the first	
				physical channel	
				defined in [30] of	
				this timeslot.	
Midamble Shift and burst type	MP		Midamble		
			shift and		
			burst type		
			10.3.6.41		
CHOICE TDD option	MP				REL-4

Information Element/Group name	Need	Multi	Type and reference	Semantics description	Version
>3.84 Mcps TDD				(no data)	REL-4
>1.28 Mcps TDD					REL-4
>>Modulation	MP		Enumerated( QPSK, 8PSK)		REL-4
>>SS-TPC Symbols	MP		Enumerated( 0, 1, 16/SF)	Denotes amount of SS and TPC bits send in this timeslot	REL-4
>>Additional TPC-SS Symbols	OP		Integer(115	Specifies the number of additional SS symbols as specified in [33]	REL-4

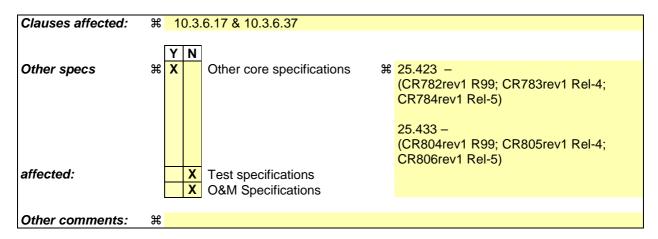
not approved:

*Tdoc* **#***R***2***-***0**30488

										CR-Form-v7
		(	CHANG	E REQ	UE	ST	•			ON-FOILIFY?
<b></b>	25.33	1 CR	1858	<b>≋ rev</b>	-	¥	Current vers	sion:	5.3.0	¥
For <u>HELP</u> on us	sing this i	form, see	bottom of the	his page or	look a	at the	e pop-up text	over	the	mbols.
Proposed change a	affects:	UICC a	pps#	MEX	Rad	lio A	ccess Netwo	rk X	Core N	etwork
Title: ♯	Correct	ions to C	hannelisatio	n Code TF	CI Ma	appin	g for TDD			
Source: #	TSG R	AN WG2								
Work item code: ₩	TEI						Date: ૠ	17	Feb. 200	3
Category:  ### A  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-5  Use one of the following release  ### Use one of the following release  ### Rel-5  (Release 1996)  ### Rel-6  ### Rel-5  ### Rel-6  ### Rel-6  ### Rel-6  #### Rel-5  #### Rel-5  #### Rel-5  #### Rel-5  #### Rel-5  #### Rel-5  ###################################									) ) )	
Bosson for change	. 40 To	he cone	iotopt with th	o recent ch	ongo	o to	25 224 /D4 0	2 000	20) auba	lauge
Reason for change	5.2 the ch	2.2.4 and en it is alv annel sed	(R1-02-098 ways transm	5) subclaus itted using t ber ( <i>p</i> ) in th	e 5A. he pl	.2.2. hysic	25.221 (R1-0 1: "If a time s cal channel w ot." Current de	slot co	ontains the lowest p	ne TFCI, physical
Summary of change:  In Downlink Channelisation Codes (10.3.6.17) and Individual Timeslots In (10.3.6.37), the Semantics description referring to mapping of TFCI to the signaled channelisation code has been replaced by reference to the updatescription in 25.221.  Isolated Impact Analysis –								he first		
	Th	is is an is	solated impa	act CR that o	corre		assignment v			
	Th	nis CR wo		ct implemen	ntation		ehaving as in corrected fu			
Consequences if	₩ Inc	consisten	t specification	on. Misalign	ment	betv	veen UE and	Node	B due to	o different

interpretation of the specs between the UE and Node B, thus the TFCI would be

in a different place than expected.



- 1) Fill out the above form. The symbols above marked \$\mathbb{X}\$ 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://fttp.3gpp.org/specs/">ftp://fttp.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.

## 10.3.6.17 Downlink channelisation codes

NOTE: Only for TDD

Information Element/Group name	Need	Multi	Type and reference	Semantics description
CHOICE codes representation	MP		10.0.0.0	
>Consecutive codes				
>>First channelisation code	MP		Enumerated ( (16/1)(16/1 6))	The codes from First channelisation code to Last channelisation code shall be used in that order by the physical layer in this timeslot. If a TFCI exists in this timeslot, it is mapped in the First to the channelisation code as defined in [30].
>>Last channelisation code	MP		Enumerated ( (16/1)(16/1 6))	If this is the same as First channelisation code, only one code is used by the physical layer.
>Bitmap				
>>Channelisation codes bitmap	MP		Bit string(16)	Each bit indicates the availability of a channelisation code for SF16, where the channelisation codes are numbered as channelisation code 1 (SF16) to channelisation code 16 (SF16). (For SF 16, a 1 in the bitmap means that the corresponding code is used, a 0 means that the corresponding code is not used.)  If all bits are set to zero, SF 1 shall be used.

...

## 10.3.6.37 Individual timeslot info

Information Element/Group	Need	Multi	Type and	Semantics	Version
name			reference	description	
Timeslot number	MP		Timeslot number 10.3.6.84	Timeslot within a frame	
TFCI existence	MP		Boolean	TRUE indicates that the TFCI exists. It shall be coded in the first physical channel defined in [30] of this timeslot.	
Midamble Shift and burst type	MP		Midamble shift and burst type 10.3.6.41		
CHOICE TDD option	MP				REL-4
>3.84 Mcps TDD				(no data)	REL-4

Information Element/Group	Need	Multi	Type and	Semantics	Version
name			reference	description	
>1.28 Mcps TDD					REL-4
>>Modulation	MP		Enumerated( QPSK, 8PSK)		REL-4
>>SS-TPC Symbols	MP		Enumerated( 0, 1, 16/SF)	Denotes amount of SS and TPC bits send in this timeslot	REL-4
>>Additional TPC-SS Symbols	OP		Integer(115	Specifies the number of additional SS symbols as specified in [33]	REL-4

Tdoc #R3-030264

			(	CHAN	GE RE	ΞQI	UE	ST			CR-Form-v7
*	25	.423	CR	782	жr	ev	1	¥	Current ver	sion: <b>3.12</b>	<b>.0</b> #
For <u>HELP</u> on t	using i	this for	m, see	bottom c	of this page	e or l	look a	at the	e pop-up text	t over the 光:	symbols.
Proposed change	affec	<i>ts:</i>	JICC a	pps#	] мі	E	Radi	io Ad	ccess Netwo	rk X Core	Network
Title: 3	€ Co	rrection	ns to C	hannelisa	ation Code	TFC	CI Ma	ppin	g for TDD		
Source: #	€ RA	N WG	3								
Work item code: 3									Date: ₩	17/02/200	3
Category:	€ <b>F</b>								Release: %	R99	
<b>O</b> y	Deta	F (corr A (corr B (add C (fund D (edia iled exp	rection) respond lition of ctional torial m planatio	ds to a corr feature), modificatio odification)	rection in a	e)		lease	2 R96 R97 R98 R99 Rel-4 Rel-5	the following of GSM Phase (Release 1999) (Release 1999) (Release 1999) (Release 4) (Release 5)	2) 96) 97) 98)
									Rel-6	(Release 6)	
Reason for chang	e: Ж	5.2.2 phys	.4: "If ical ch	a time slo annel with	ot contains on the lowe	the st ph	TFCI ysica	, the I cha	n it is always annel sequer	02-0989), substransmitted nce number ( to be update	using the <i>p</i> ) in that
Summary of chan	<b>ge:</b> ૠ	Impa Impa relea	slot con ification act Ana act asso se): impact	ntains the n.  lysis: essment to can be co	TFCI, insowards the considered	tead e pre isola	reference vious	ence s ver	25.221 and	he first code avoid double pecification ( ge affects TI	same
Consequences if not approved:	ж		een th							terpretation of different pla	
Clauses affected:	*	9.2.1	55								
Ciauses affected.	σ0	9.2.1	.55								
Other specs	ж	X	Other	core spe	cifications	3	2	5.43	3 CR 804 3 CR 805 3 CR 806		

affected:	X Test specifications O&M Specifications	25.423 CR 783 25.423 CR 784 25.331 CR 1856 25.331 CR 1857 25.331 CR 1858
Other comments:	**************************************	

- 1) Fill out the above form. The symbols above marked \$\mathbb{X}\$ 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.

## 9.2.1.55 TFCI Presence

The TFCI Presence parameter indicates whether the TFCI shall be included. In TDD, if it is present in the timeslot, it will be included within the first Channelization code listed. [TDD - If it is present in the timeslot, it will be mapped to the channelisation code defined by [12].]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
TFCI presence			ENUMERATED (	
			Present,	
			Not Present)	

*Tdoc* **#***R*3-030265

												CR-Form-v7
			(	CHAN	GE F	REQ	UE	ST				CR-FOIIII-VI
*	25	.423	CR	783	æ	rev	1	¥	Current ver	sion:	4.7.0	¥
For <u>HELP</u> on t	using	this for	m, see	bottom o	of this pa	age or	look	at the	e pop-up tex	t over	the	mbols.
Proposed change	affec	<i>ts:</i> l	JICC a	pps#		ME	Rad	dio Ad	ccess Netwo	rk X	Core Ne	etwork
Title: #	G Co	rrection	ns to C	hannelisa	ation Co	de TF	CI Ma	appin	g for TDD			
Source: #	RA	N WG	3									
Work item code: ℍ	в те	l							Date: ₩	17/	02/2003	
Category: អ	Use	F (corr A (corr B (add C (fund D (edit iled exp	rection) respond lition of ctional i torial m olanatio	wing cated ds to a corr feature), modification odification) ns of the a TR 21.900.	rection ir n of feat ) lbove ca	ture)		elease	Release: # Use <u>one</u> of 2 e) R96 R97 R98 R99 Rel-4 Rel-5 Rel-6	the for (GSN) (Relea (Relea (Relea (Relea (Relea		
									Ner-o	(Neie	ase o <sub>j</sub>	
Reason for chang	e: Ж	5.2.2 phys	.4: "If ical ch	a time slo annel with	ot contain the lov	ins the west ph	TFC nysic	I, the al cha	25.221 (R1-0 n it is always annel seque pping needs	s trans	smitted us umber ( <i>p</i> )	sing the in that
Summary of chan	<b>ge:</b> ૠ	Impa Impa relea	slot cor ificatio act Ana act asse se): impact	ntains the n.  lysis: essment to can be co	TFCI, i	nstead the pre	refe eviou	rence is ver	stating that to 25.221 and sion of the souse the characteristics.	avoid	d double cation (sa	me
Consequences if not approved:	*		een th						o different in would be in a			
Clauses affected:	*	9.2.1	.55									
Other specs	*	YN		core spe	cificatio	ons	<b></b>	25,43	3 CR 804			
Caro. apaca	00		Julion	5510 3pe	Jiiodilo		2	25.43	3 CR 805 3 CR 806			

affected:	X Test specifications X O&M Specifications	25.423 CR 782 25.423 CR 784 25.331 CR 1856 25.331 CR 1857 25.331 CR 1858
Other comments:	<b>*</b>	

- 1) Fill out the above form. The symbols above marked \$\mathbb{X}\$ 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.

### 9.2.1.55 TFCI Presence

The TFCI Presence parameter indicates whether the TFCI shall be included. In TDD, if it is present in the timeslot, it will be included within the first Channelization code listed. [TDD - If it is present in the timeslot, it will be mapped to the channelisation code defined by [12].]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
TFCI presence			ENUMERATED (	
			Present,	
			Not Present)	

	СНА	NGE REQ	UE	ST			CR-Form-v7
*	25.423 CR 784	<b>≋rev</b>	1	¥	Current version:	5.4.0	¥

Tdoc **# R 3 - 0 3 0 2 6 6** 

For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the \mathbb{H} symbols.

Proposed chang	je a	affects:	UICC apps#	N	E Radio Ac	cess Networ	k X Core Network
Title:	$\mathbb{H}$	Correct	tions to Channelis	sation Cod	e TFCI Mapping	for TDD	
Source:	$\mathfrak{H}$	RAN W	/G3				
Work item code:	:Ж	TEI				Date: ₩	17/02/2003
Category:	$\mathfrak{H}$	= =				Release: ₩	
			of the following cat	egories:			the following releases:
		٠,	correction)				(GSM Phase 2)
		,	corresponds to a co		an earlier release)		(Release 1996)
		,	addition of feature),				(Release 1997)
		•	functional modificat		·e)		(Release 1998)
		,	editorial modificatio	,			(Release 1999)
			explanations of the		gories can		(Release 4)
		be found	in 3GPP TR 21.90	<u>0</u> .			(Release 5)
						Rel-6	(Release 6)

Reason for change: #	To be consistent with the recent changes to 25.221 (R1-02-0989), subclause 5.2.2.4: "If a time slot contains the TFCI, then it is always transmitted using the physical channel with the lowest physical channel sequence number ( <i>p</i> ) in that timeslot." Current definition of TFCI code mapping needs to be updated.
Summary of change: ₩	In the definition of TFCI presence instead of stating that the first code in the timeslot contains the TFCI, instead reference 25.221 and avoid double specification.
	Impact Analysis: Impact assessment towards the previous version of the specification (same release): The impact can be considered isolated because the change affects TDD assignment of TFCI to a particular DPCH in a timeslot
Consequences if # not approved:	Misalignment between UE and Node B due to different interpretation of the specs between the UE and Node B, thus the TFCI would be in a different place than expected.

Clauses affected:	<b>第 9.2.1.55</b>						
Other specs	Y N X Other core specifications						

affected:	X Test specifications O&M Specifications	25.423 CR 782 25.423 CR 783 25.331 CR 1856 25.331 CR 1857 25.331 CR 1858
Other comments:	<b>*</b>	

- 1) Fill out the above form. The symbols above marked \$\mathbb{X}\$ 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.

### 9.2.1.55 TFCI Presence

The TFCI Presence parameter indicates whether the TFCI shall be included. In TDD, if it is present in the timeslot, it will be included within the first Channelization code listed. [TDD - If it is present in the timeslot, it will be mapped to the channelisation code defined by [12].]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
TFCI presence			ENUMERATED (	
			Present,	
			Not Present)	

			CHANG	E REQ	UES	ST				CIN-I GIIII-VI
*	25	.433 C	R <mark>804</mark>	<b>≋ rev</b>	1	<b>#</b> C	Current ver	sion:	3.12.0	H
For <u><b>HELP</b></u> on	For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the 策 symbols.									
Proposed change	affec	ts: UIC	C appsЖ <mark></mark>	ME	Radi	o Acc	ess Netwo	rk X	Core Ne	etwork
Title:	€ Co	rrections t	o Channelisati	on Code TF	CI Map	pping	for TDD			
Source:	€ RA	n WG3								
Work item code: 3	<b>♯</b> TE	l					<i>Date:</i> ∺	17/0	2/2003	
Category:	Deta	F (correct A (corresp B (addition C (function D (editorial illed explan	following categorion) conds to a correct of feature), and modification at modification at modification at the above TR 21.900.	ction in an eal			Release: #3 Use <u>one</u> of 2 R96 R97 R98 R99 Rel-4 Rel-5 Rel-6	the foll (GSM (Relea (Relea (Relea	lowing rele Phase 2) ase 1996) ase 1997) ase 1998) ase 1999) ase 4)	eases:
Passan for abana	<b>10:</b> 90	Toboo	ancistant with t	ha racent ch	angoc	to 25	5 221 (D1 C	•	•	01100
Reason for chang	<b>је</b> : њ	5.2.2.4: physical	"If a time slot channel with t "Current defir	contains the the lowest pl	TFCI, nysical	then chan	it is always nel sequer	transı nce nuı	mitted us mber ( <i>p</i> )	ing the
Summary of chan	<i>ige:</i> ₩	Impact a release) The imp	Analysis: assessment to	FCI, instead	refere	versi	25.221 and on of the set the chan	avoid	double ation (sa	me
Consequences if not approved:	Ж		ment between the UE and N d.							
Clauses affected:	* **	9.2.1.57								
Other specs	**	YN	her core speci	fications	25	5.433	CR 805 CR 806 CR 782			
I					20	,. TZU	JI 102			

affected:	X Test specifications O&M Specifications	25.423 CR 783 25.423 CR 784 25.331 CR 1856 25.331 CR 1857 25.331 CR 1858
Other comments:	**************************************	

- 1) Fill out the above form. The symbols above marked \$\mathbb{X}\$ 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.

## 9.2.1.57 TFCI Presence

The TFCI Presence parameter indicates whether the TFCI shall be included. In TDD, if it is present in the timeslot, it will be included within the first Channelization code listed. [TDD - If it is present in the timeslot, it will be mapped to the channelisation code defined by [19].]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
TFCI presence			ENUMERATED (	
			Present,	
			Not Present)	

*Tdoc* **#***R*3-030262

			(	CHAN	IGE F	REQ	UE:	ST				CR-Form-v7
*	25	.433	CR	805	ж	rev	1	¥	Current ver	sion:	4.7.0	#
For <u>HELP</u> on	using	this for	m, see	bottom	of this p	age or	look a	at the	pop-up tex	t over	the # sy	mbols.
Proposed change	affec	<i>ts:</i> (	JICC a	pps#		ME	Rad	io Ac	ccess Netwo	ork <mark>X</mark>	Core N	etwork
Title:	€ Co	rrectior	ns to C	hannelis	ation Co	de TF	CI Ma	ppin	g for TDD			
Source:	€ RA	N WG	3									
Work item code:	€ TE	l							Date: ₩	17/	/02/2003	
Category: 9	Deta	F (corr A (corr B (add C (fund D (edit illed exp	rection) respond lition of ctional in torial m blanatio	wing cated as to a confeature), modification as of the TR 21.900	rrection in on of feat a) above ca	ture)		lease	Release: # Use one of 2 P) R96 R97 R98 R99 Rel-4 Rel-5 Rel-6	f the for (GSI) (Rele (Rele (Rele (Rele (Rele		
Reason for chang	10. ¥	To be	a cons	stant wit	h the re	cent ch	ange	s to 3	25.221 (R1-0	<u> </u>	80) subc	lause
Neason for chang	<b>.</b> 60	5.2.2 then chan	.4 and it is alv nel sec	(R1-02- vays trar	0985) su nsmitted number (	ubclaus using t p) in th	e 5A. he ph	2.2.1 nysica	l: "If a time al channel w t." Current d	slot co	ontains the lowest p	e TFCI, ohysical
Summary of chan	<b>ge:</b> ₩	times		ntains the					stating that t 25.221 and			the
		Impa relea The i	se): mpact	can be o	consider	ed isola	ated b	ecau	sion of the s use the char a timeslot			
Consequences if not approved:	*		een th						o different in would be in a			
Clauses affected:	ж	9.2.1	.57									
Other specs	¥	Y N X	Other	core sp	ecificatio	ons			3 CR 804 3 CR 806			

		25.423 CR 782	
		25.423 CR 783	
		25.423 CR 784	
		25.331 CR 1856	
		25.331 CR 1857	
		25.331 CR 1858	
affected:	X Test specifications		
	X O&M Specifications		
Other comments:	$\mathbf{x}$		

- 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.

### 9.2.1.57 TFCI Presence

The TFCI Presence parameter indicates whether the TFCI shall be included. In TDD, if it is present in the timeslot, it will be included within the first Channelization code listed. [TDD - If it is present in the timeslot, it will be mapped to the channelisation code defined by [19].]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
TFCI presence			ENUMERATED (	
•			Present,	
			Not Present)	

			(	CHAN	GE R	REQ	UE:	ST				CR-Form-v7
*	25	.433	CR	806	ж	rev	1	ж	Current ver	sion:	5.3.0	¥
For <u>HELP</u> on	using	this for	m, see	bottom c	of this pa	ge or	look a	at the	e pop-up text	t over	the % syr	nbols.
Proposed change	e affec	<i>ts:</i>	JICC a	pps# <mark> </mark>	] ।	ME	Rad	io A	ccess Netwo	rk X	Core Ne	etwork
Title:	₩ Co	rrectior	ns to C	hannelisa	ation Co	de TF0	CI Ma	ppin	g for TDD			
Source:	₩ RA	N WG	3									
Work item code:	₩ TE	l							Date: ₩	17/	02/2003	
	Deta be fo	F (corr A (corr B (add C (fund D (edit iled exp bund in	rection) respond lition of ctional i torial me blanatio 3GPP	ds to a confeature), modification, ns of the a	rection in on of featt ) above cat	ure) egories	can		R97 R98 R99 Rel-4 Rel-5 Rel-6	the for (GSM (Rele (Rele (Rele (Rele (Rele (Rele (Rele	ollowing related to the sease 1996) passe 1997) passe 1998) passe 1999) passe 4) passe 5) passe 6)	
Reason for chang	ge: #								25.221 (R1-0 1: "If a time:			
		then chan	it is alv	ways tran	smitted umber ( <i>j</i>	using t o) in th	he ph	nysic	al channel w t." Current d	ith th	e lowest p	hysical
Summary of chai	nge: ૠ	times		ntains the					stating that t 25.221 and			the
		Impa relea The i	se): mpact	essment t	onsidere	ed isola	ated b	eca	sion of the s use the chan a timeslot.		•	
Consequences if not approved:	* *		een the						o different in would be in a			
Clauses affected	<i>:</i> #	9.2.1	.57									
Other specs	ж	Y N X	Other	core spe	cificatio	ns			3 CR 804 3 CR 805			

		25.423 CR 782	
		25.423 CR 783	
		25.423 CR 784	
		25.331 CR 1856	
		25.331 CR 1857	
		25.331 CR 1858	
affected:	X Test specifications		
	X O&M Specifications		
Other comments:	$\mathbf{x}$		

- 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.

### 9.2.1.57 TFCI Presence

The TFCI Presence parameter indicates whether the TFCI shall be included. In TDD, if it is present in the timeslot, it will be included within the first Channelization code listed. [TDD - If it is present in the timeslot, it will be mapped to the channelisation code defined by [19].]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
TFCI presence			ENUMERATED (	
			Present,	
			Not Present)	