TSG RAN Meeting #19 **RP-030082**
Birmingham, UK, 11 - 14 March 2003

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	A	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R3-030266	25.423	5.4.0	5.5.0	REL-5	784	1	A	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	A	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R3-030263	25.433	5.3.0	5.4.0	REL-5	806	1	A	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	-	A	Corrections to Channelisation Code TFCI Mapping for TDD	TEI
R2-030488	25.331	5.3.0	5.4.0	REL-5	1858	-	A	Corrections to Channelisation Code TFCI Mapping for TDD	TEI

3GPP TSG-RAN WG2 Meeting #34 ***Tdoc ⌘R2-030486***
Sophia Antipolis, France, February 17-21, 2003

CR-Form-v7

CHANGE REQUEST

⌘ **25.331** **CR** **1856** ⌘ **rev** **-** ⌘ Current version: **3.13.0** ⌘

*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:	⌘	Corrections to Channelisation Code TFCI Mapping for TDD
Source:	⌘	TSG RAN WG2
Work item code:	⌘	TEI
Date:	⌘	17 Feb. 2003
Category:	⌘	**F**
Release:	⌘	R99

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.

Use one 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:	⌘	To be consistent with the recent changes to 25.221 (R1-02-0989), subclause 5.2.2.4 and (R1-02-0985) subclause 5A.2.2.1 : "If a time slot contains the TFCI, then it is always transmitted using the physical channel with the lowest physical channel sequence number (*p*) in that timeslot." Current definition of TFCI code mapping needs to be updated.
Summary of change:	⌘	In Downlink Channelisation Codes (10.3.6.17) and Individual Timeslots Info (10.3.6.37), the Semantics description referring to mapping of TFCI to the first signaled channelisation code has been replaced by reference to the updated description in 25.221. **Isolated Impact Analysis –** Effects TDD TFCI/TPC channelisation code assignment within the CCTrCH**.** This is an isolated impact CR that corrects a functionality where the specification is inconsistent with changes in 25.221. This CR would not affect implementations behaving as indicated in the CR, would affect implementations supporting the corrected functionality otherwise.
Consequences if not approved:	⌘	Inconsistent specification. 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:	⌘	10.3.6.17 & 10.3.6.37			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ 25.423 – (CR782rev1 R99; CR783rev1 Rel-4; CR784rev1 Rel-5) 25.433 – (CR804rev1 R99; CR805rev1 Rel-4; CR806rev1 Rel-5)
affected:			**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.

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)...(16/16))	~~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)...(16/16))	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	

3GPP TSG-RAN WG2 Meeting #34
Sophia Antipolis, France, February 17-21, 2003

Tdoc ⌘R2-030487

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CHANGE REQUEST

⌘ **25.331** **CR** **1857** ⌘ **rev** **-** ⌘ Current version: **4.8.0** ⌘

*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: ⌘	Corrections to Channelisation Code TFCI Mapping for TDD	
Source: ⌘	TSG RAN WG2	
Work item code: ⌘	TEI	***Date:*** ⌘ 17 Feb. 2003
Category: ⌘	**A**	***Release:*** ⌘ Rel-4

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)*
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Use one 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: ⌘	To be consistent with the recent changes to 25.221 (R1-02-0989), subclause 5.2.2.4 and (R1-02-0985) subclause 5A.2.2.1: "If a time slot contains the TFCI, then it is always transmitted using the physical channel with the lowest physical channel sequence number (*p*) in that timeslot." Current definition of TFCI code mapping needs to be updated.
Summary of change: ⌘	In Downlink Channelisation Codes (10.3.6.17) and Individual Timeslots Info (10.3.6.37), the Semantics description referring to mapping of TFCI to the first signaled channelisation code has been replaced by reference to the updated description in 25.221. **Isolated Impact Analysis –** Effects TDD TFCI/TPC channelisation code assignment within the CCTrCH**.** This is an isolated impact CR that corrects a functionality where the specification is inconsistent with changes in 25.221. This CR would not affect implementations behaving as indicated in the CR, would affect implementations supporting the corrected functionality otherwise.
Consequences if not approved: ⌘	Inconsistent specification. 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:	⌘	10.3.6.17 & 10.3.6.37			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ 25.423 – (CR782rev1 R99; CR783rev1 Rel-4; CR784rev1 Rel-5) 25.433 – (CR804rev1 R99; CR805rev1 Rel-4; CR806rev1 Rel-5)
affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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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)...(16/16))	~~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)...(16/16))	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	Version
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

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(1..15)	Specifies the number of additional SS symbols as specified in [33]	REL-4

3GPP TSG-RAN WG2 Meeting #34 **Tdoc ⌘R2-030488**
Sophia Antipolis, France, February 17-21, 2003

CR-Form-v7

CHANGE REQUEST

⌘ **25.331** **CR** **1858** ⌘ **rev** **-** ⌘ Current version: **5.3.0** ⌘

*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:	⌘	Corrections to Channelisation Code TFCI Mapping for TDD
Source:	⌘	TSG RAN WG2
Work item code:	⌘	TEI
Date:	⌘	17 Feb. 2003
Category:	⌘	**A**
Release:	⌘	Rel-5

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)*
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Use one 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:	⌘	To be consistent with the recent changes to 25.221 (R1-02-0989), subclause 5.2.2.4 and (R1-02-0985) subclause 5A.2.2.1: "If a time slot contains the TFCI, then it is always transmitted using the physical channel with the lowest physical channel sequence number (*p*) in that timeslot." Current definition of TFCI code mapping needs to be updated.
Summary of change:	⌘	In Downlink Channelisation Codes (10.3.6.17) and Individual Timeslots Info (10.3.6.37), the Semantics description referring to mapping of TFCI to the first signaled channelisation code has been replaced by reference to the updated description in 25.221. **Isolated Impact Analysis –** Effects TDD TFCI/TPC channelisation code assignment within the CCTrCH**.** This is an isolated impact CR that corrects a functionality where the specification is inconsistent with changes in 25.221. This CR would not affect implementations behaving as indicated in the CR, would affect implementations supporting the corrected functionality otherwise.
Consequences if not approved:	⌘	Inconsistent specification. 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:	⌘	10.3.6.17 & 10.3.6.37			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ 25.423 – (CR782rev1 R99; CR783rev1 Rel-4; CR784rev1 Rel-5) 25.433 – (CR804rev1 R99; CR805rev1 Rel-4; CR806rev1 Rel-5)
affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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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)...(16/16))	~~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)...(16/16))	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	Version
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 name	Need	Multi	Type and reference	Semantics description	Version
>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(1..15)	Specifies the number of additional SS symbols as specified in [33]	REL-4

3GPP TSG-RAN WG3 Meeting #34
Sophia Antipolis, France, February 17-21, 2003

Tdoc ⌘R3-030264

CR-Form-v7

CHANGE REQUEST

⌘ **25.423** **CR** **782** ⌘ **rev** **1** ⌘ Current version: **3.12.0** ⌘

*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:	⌘	Corrections to Channelisation Code TFCI Mapping for TDD
Source:	⌘	RAN WG3
Work item code:	⌘	TEI
Date:	⌘	17/02/2003
Category:	⌘	**F**
Release:	⌘	R99

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.

Use one 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:	⌘	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 (*p*) 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:	⌘	9.2.1.55			
Other specs	⌘	**Y** ☒ / **N** ☐	Other core specifications	⌘	25.433 CR 804 25.433 CR 805 25.433 CR 806

			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:	⌘		

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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)	

3GPP TSG-RAN WG3 Meeting #34
Sophia Antipolis, France, February 17-21, 2003

Tdoc ⌘R3-030265

CR-Form-v7

CHANGE REQUEST

⌘ **25.423** **CR** **783** ⌘ **rev** **1** ⌘ Current version: **4.7.0** ⌘

*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: ⌘	Corrections to Channelisation Code TFCI Mapping for TDD	
Source: ⌘	RAN WG3	
Work item code: ⌘	TEI	***Date:*** ⌘ 17/02/2003
Category: ⌘	**A**	***Release:*** ⌘ Rel-4

Use one of the following categories:
F *(correction)*
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B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
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Use one 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: ⌘	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 (*p*) 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: ⌘	9.2.1.55			
Other specs ⌘	**Y** ☒	**N** ☐	Other core specifications ⌘	25.433 CR 804 25.433 CR 805 25.433 CR 806

			25.423 CR 782 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:	⌘		

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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)	

3GPP TSG-RAN WG3 Meeting #34
Sophia Antipolis, France, February 17-21, 2003

Tdoc ⌘R3-030266

CR-Form-v7

CHANGE REQUEST

⌘ **25.423** **CR** **784** ⌘ **rev** **1** ⌘ 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:	⌘	Corrections to Channelisation Code TFCI Mapping for TDD
Source:	⌘	RAN WG3
Work item code:	⌘	TEI
Date:	⌘	17/02/2003
Category:	⌘	**A**
Release:	⌘	Rel-5

Use one of the following categories:
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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 one 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:	⌘	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 (*p*) 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:	⌘	9.2.1.55			
Other specs	⌘	**Y** ☒ **N** ☐	Other core specifications	⌘	25.433 CR 804 25.433 CR 805 25.433 CR 806

affected:			25.423 CR 782 25.423 CR 783 25.331 CR 1856 25.331 CR 1857 25.331 CR 1858
		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.

9.2.1.55 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)	

3GPP TSG-RAN WG3 Meeting #34
Sophia Antipolis, France, February 17-21, 2003

Tdoc ⌘R3-030261

CR-Form-v7

CHANGE REQUEST

⌘ **25.433** **CR** **804** ⌘ **rev** **1** ⌘ Current version: **3.12.0** ⌘

*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:	⌘	Corrections to Channelisation Code TFCI Mapping for TDD
Source:	⌘	RAn WG3
Work item code:	⌘	TEI
Date:	⌘	17/02/2003
Category:	⌘	**F**
Release:	⌘	R99

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.

Use one 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:	⌘	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 (*p*) 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:	⌘	9.2.1.57			
Other specs	⌘	**Y** ☒ **N** ☐	Other core specifications	⌘	25.433 CR 805 25.433 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:	⌘		

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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)	

3GPP TSG-RAN WG3 Meeting #34
Sophia Antipolis, France, February 17-21, 2003

Tdoc ⌘R3-030262

CR-Form-v7

CHANGE REQUEST

⌘ **25.433** **CR** **805** ⌘ **rev** **1** ⌘ Current version: **4.7.0** ⌘

*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: ⌘	Corrections to Channelisation Code TFCI Mapping for TDD	
Source: ⌘	RAN WG3	
Work item code: ⌘	TEI	***Date:*** ⌘ 17/02/2003
Category: ⌘	**A**	***Release:*** ⌘ Rel-4

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.

Use one 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: ⌘	To be consistent with the recent changes to 25.221 (R1-02-0989), subclause 5.2.2.4 and (R1-02-0985) subclause 5A.2.2.1: "If a time slot contains the TFCI, then it is always transmitted using the physical channel with the lowest physical channel sequence number (*p*) 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: ⌘	9.2.1.57			
Other specs ⌘	**Y** ☒	**N** ☐	Other core specifications ⌘	25.433 CR 804 25.433 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:	⌘		

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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)	

3GPP TSG-RAN WG3 Meeting #34
Sophia Antipolis, France, February 17-21, 2003

Tdoc ⌘R3-030263

CR-Form-v7

CHANGE REQUEST

⌘ **25.433** **CR** **806** ⌘ **rev** **1** ⌘ Current version: **5.3.0** ⌘

*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: ⌘	Corrections to Channelisation Code TFCI Mapping for TDD	
Source: ⌘	RAN WG3	
Work item code: ⌘	TEI	***Date:*** ⌘ 17/02/2003
Category: ⌘	**A**	***Release:*** ⌘ Rel-5

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.

Use one 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: ⌘	To be consistent with the recent changes to 25.221 (R1-02-0989), subclause 5.2.2.4 and (R1-02-0985) subclause 5A.2.2.1: "If a time slot contains the TFCI, then it is always transmitted using the physical channel with the lowest physical channel sequence number (*p*) 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: ⌘	9.2.1.57			
Other specs ⌘	**Y** ☒	**N** ☐	Other core specifications ⌘	25.433 CR 804 25.433 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:	⌘		

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