

CHANGE REQUEST

⌘ **25.423 CR 1070** ⌘ rev **1** ⌘ Current version: **5.13.0** ⌘

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:	⌘ Feature Clean-up: Removal of 80 ms TTI for DCH for all other cases but when the UE supports SF512
Source:	⌘ RAN3
Work item code:	⌘ TEI5
	Date: ⌘ 09/05/2005
Category:	⌘ C
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following categories:</i></p> <p>F (correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (addition of feature),</p> <p>C (functional modification of feature)</p> <p>D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p> </div> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following releases:</i></p> <p><i>Ph2</i> (GSM Phase 2)</p> <p><i>R96</i> (Release 1996)</p> <p><i>R97</i> (Release 1997)</p> <p><i>R98</i> (Release 1998)</p> <p><i>R99</i> (Release 1999)</p> <p><i>Rel-4</i> (Release 4)</p> <p><i>Rel-5</i> (Release 5)</p> <p><i>Rel-6</i> (Release 6)</p> <p><i>Rel-7</i> (Release 7)</p> </div> </div>
Release:	⌘ Rel-5

Reason for change:	⌘ TSG RAN#27 tasked to remove the 80ms TTI for DCH from the all the other DCH cases, except when the SF=512.
Summary of change:	⌘ REV1: Text in Semantics description of Transmission Time Interval IE was modified. ----- REV0: 80 ms TTI for DCH is removed from all other spreading factors except when the SF=512.
Consequences if not approved:	⌘

Clauses affected:	⌘ 9.2.1.64								
Other specs affected:	<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">Y</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">N</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> <td style="border: 1px solid black; padding: 2px; text-align: center;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> <td style="border: 1px solid black; padding: 2px; text-align: center;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;"></td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> </table> <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p>Other core specifications</p> <p>Test specifications</p> <p>O&M Specifications</p> </div>	Y	N	X		X			X
Y	N								
X									
X									
	X								
	⌘ 25.101, 25.133, 25.212, 25.306, 25.331, 25.423, 25.433 34.108, 34.121, 34.123-								

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.

9.2.1.64 Transport Format Set

The Transport Format Set is defined as the set of Transport Formats associated to a Transport Channel, e.g. DCH.

[TDD - The Transport Format Set for each transport channel within the same CCTrCH shall have the same value for the 2nd Interleaving Mode IE.]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Dynamic Transport Format Information		1..<maxTFcount>		The first instance of the parameter corresponds to TFI zero, the second to 1 and so on.
>Number of Transport Blocks	M		INTEGER (0..512)	
>Transport Block Size	C – Blocks		INTEGER (0..5000)	Unit: Bits
>CHOICE Mode	M			
>>TDD				
>>>Transmission Time Interval Information	C-TTIdynamic	1..<maxTTIcount>		
>>>>Transmission Time Interval	M		ENUMERATED (10, 20, 40, 80,...)	Unit: msec
Semi-static Transport Format Information		1		
>Transmission Time Interval	M		ENUMERATED (10, 20, 40, 80, dynamic, ...)	Unit: msec Value "dynamic" for TDD only. For FDD DCH, the value "80" is applicable only when DL DPCH Slot Format IE indicates a slot format with SF=512.
>Type of Channel Coding	M		ENUMERATED (No codingTDD, Convolutional, Turbo,...)	[FDD - The value "No codingTDD" shall be treated as logical error if received]
>Coding Rate	C – Coding		ENUMERATED (1/2, 1/3,...)	
>Rate Matching Attribute	M		INTEGER (1..maxRM)	
>CRC size	M		ENUMERATED (0, 8, 12, 16, 24,...)	
>CHOICE Mode	M			
>>TDD				
>>>2 nd Interleaving Mode	M		ENUMERATED (Frame related, Timeslot related,...)	

Condition	Explanation
Blocks	The IE shall be present if the <i>Number of Transport Blocks</i> IE is set to a value greater than 0.
Coding	The IE shall be present if <i>Type of Channel Coding</i> IE is set to "Convolutional" or "Turbo".
TTIdynamic	The IE shall be present if the <i>Transmission Time Interval</i> IE in the <i>Semi-static Transport Format Information</i> IE is set to "dynamic".

Range bound	Explanation
<i>maxTFcount</i>	The maximum number of different transport formats that can be included in the Transport format set for one transport channel.
<i>maxRM</i>	The maximum number that could be set as rate matching attribute for a transport channel.
<i>maxTTIcount</i>	The amount of different TTI that are possible for that transport format is.

CHANGE REQUEST

⌘ **25.423 CR 1071** ⌘ rev **1** ⌘ Current version: **6.5.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Feature Clean-up: Removal of 80 ms TTI for DCH for all other cases but when the UE supports SF512
Source:	⌘ RAN3
Work item code:	⌘ TEI5
	Date: ⌘ 09/05/2005
Category:	⌘ C
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following categories:</i></p> <p>F (correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (addition of feature),</p> <p>C (functional modification of feature)</p> <p>D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p> </div> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following releases:</i></p> <p>Ph2 (GSM Phase 2)</p> <p>R96 (Release 1996)</p> <p>R97 (Release 1997)</p> <p>R98 (Release 1998)</p> <p>R99 (Release 1999)</p> <p>Rel-4 (Release 4)</p> <p>Rel-5 (Release 5)</p> <p>Rel-6 (Release 6)</p> <p>Rel-7 (Release 7)</p> </div> </div>
Release:	⌘ Rel-6

Reason for change:	⌘ TSG RAN#27 tasked to remove the 80ms TTI for DCH from the all the other DCH cases, except when the SF=512.
Summary of change:	⌘ REV1: Text in Semantics description of Transmission Time Interval IE was modified. ----- REV0: 80 ms TTI for DCH is removed from all other spreading factors except when the SF=512.
Consequences if not approved:	⌘

Clauses affected:	⌘ 9.2.1.64										
Other specs affected:	<table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> </table>	Y	N	X		X			X	Other core specifications	⌘ 25.101, 25.133, 25.212, 25.306, 25.331, 25.423, 25.433
Y	N										
X											
X											
	X										
		Test specifications	34.108, 34.121, 34.123-								
		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.

9.2.1.64 Transport Format Set

The Transport Format Set is defined as the set of Transport Formats associated to a Transport Channel, e.g. DCH.

[TDD - The Transport Format Set for each transport channel within the same CCTrCH shall have the same value for the 2nd Interleaving Mode IE.]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Dynamic Transport Format Information		1..<maxTFcount>		The first instance of the parameter corresponds to TFI zero, the second to 1 and so on.
>Number of Transport Blocks	M		INTEGER (0..512)	
>Transport Block Size	C – Blocks		INTEGER (0..5000)	Unit: Bits
>CHOICE Mode	M			
>>TDD				
>>>Transmission Time Interval Information	C- TTIdynamic	1..<maxTTIcount>		
>>>>Transmission Time Interval	M		ENUMERATED(10, 20, 40, 80,...)	Unit: msec
Semi-static Transport Format Information		1		
>Transmission Time Interval	M		ENUMERATED (10, 20, 40, 80, dynamic, ...)	Unit: msec Value "dynamic" for TDD only. For FDD DCH, the value "80" is applicable only when DL DPCH Slot Format IE indicates a slot format with SF=512.
>Type of Channel Coding	M		ENUMERATED (No codingTDD, Convolutional, Turbo,...)	[FDD - The value "No codingTDD" shall be treated as logical error if received]
>Coding Rate	C – Coding		ENUMERATED (1/2, 1/3,...)	
>Rate Matching Attribute	M		INTEGER (1..maxRM)	
>CRC size	M		ENUMERATED (0, 8, 12, 16, 24,...)	
>CHOICE Mode	M			
>>TDD				
>>>2 nd Interleaving Mode	M		ENUMERATED(Frame related, Timeslot related,...)	

Condition	Explanation
Blocks	The IE shall be present if the <i>Number of Transport Blocks</i> IE is set to a value greater than 0.
Coding	The IE shall be present if <i>Type of Channel Coding</i> IE is set to "Convolutional" or "Turbo".
TTIdynamic	The IE shall be present if the <i>Transmission Time Interval</i> IE in the <i>Semi-static Transport Format Information</i> IE is set to "dynamic".

Range bound	Explanation
<i>maxTFcount</i>	The maximum number of different transport formats that can be included in the Transport format set for one transport channel.
<i>maxRM</i>	The maximum number that could be set as rate matching attribute for a transport channel.
<i>maxTTIcount</i>	The amount of different TTI that are possible for that transport format is.

CHANGE REQUEST

⌘ **25.433 CR 1115** ⌘ rev **1** ⌘ Current version: **5.12.0** ⌘

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:	⌘ Feature Clean-up: Removal of 80 ms TTI for DCH for all other cases but when the UE supports SF512
Source:	⌘ RAN3
Work item code:	⌘ TEI5
	Date: ⌘ 09/05/2005
Category:	⌘ C
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following categories:</i></p> <p>F (correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (addition of feature),</p> <p>C (functional modification of feature)</p> <p>D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p> </div> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following releases:</i></p> <p><i>Ph2</i> (GSM Phase 2)</p> <p><i>R96</i> (Release 1996)</p> <p><i>R97</i> (Release 1997)</p> <p><i>R98</i> (Release 1998)</p> <p><i>R99</i> (Release 1999)</p> <p><i>Rel-4</i> (Release 4)</p> <p><i>Rel-5</i> (Release 5)</p> <p><i>Rel-6</i> (Release 6)</p> <p><i>Rel-7</i> (Release 7)</p> </div> </div>
Release:	⌘ Rel-5

Reason for change:	⌘ TSG RAN#27 tasked to remove the 80ms TTI for DCH from the all the other DCH cases, except when the SF=512.
Summary of change:	⌘ REV1: Text in Semantics description of Transmission Time Interval IE was modified. ----- REV0: 80 ms TTI for DCH is removed from all other spreading factors except when the SF=512.
Consequences if not approved:	⌘

Clauses affected:	⌘ 9.2.1.59										
Other specs affected:	<table border="1" style="border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	X		X			X	Other core specifications	⌘ 25.101, 25.133, 25.212, 25.306, 25.331, 25.423, 25.433
Y	N										
X											
X											
	X										
		Test specifications	34.108, 34.121, 34.123-								
		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.

9.2.1.59 Transport Format Set

The Transport Format Set is defined as the set of Transport Formats associated to a Transport Channel, e.g. DCH.

[TDD - The Transport Format Set for each transport channel within the same CCTrCH shall have the same value for the 2nd Interleaving Mode IE.]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Dynamic Transport Format Information		1..<maxTFcount>		The first instance of the parameter corresponds to TFI zero, the second to 1 and so on.
>Number of Transport Blocks	M		INTEGER (0..512)	
>Transport Block Size	C-Blocks		INTEGER (0..5000)	Unit: Bits
>CHOICE Mode	M			
>>TDD				
>>>Transmission Time Interval Information	C-TTldynamic	1..<maxTTlcount>		
>>>>Transmission Time Interval	M		ENUMERATED (10, 20, 40, 80,...)	Unit: ms
Semi-Static Transport Format Information		1		
>Transmission Time Interval	M		ENUMERATED (10, 20, 40, 80, dynamic,...,5)	Unit: ms; Value "dynamic" for TDD only; Value "5" for LCR TDD only; For FDD DCH, the value "80" is applicable only when DL DPCH Slot Format IE indicates a slot format with SF=512.
>Type Of Channel Coding	M		ENUMERATED (No codingTDD, Convolutional, Turbo, ...)	[FDD - The value "No codingTDD" shall be treated as logical error if received]
>Coding Rate	C-Coding		ENUMERATED (1/2, 1/3,...)	
>Rate Matching Attribute	M		INTEGER (1..maxRM)	
>CRC Size	M		ENUMERATED (0, 8, 12, 16, 24,...)	
>CHOICE Mode	M			
>>TDD				
>>>2 nd Interleaving Mode	M		ENUMERATED (Frame related, Timeslot related, ...)	

Condition	Explanation
Blocks	The IE shall be present if the <i>Number Of Transport Blocks</i> IE is set to a value greater than 0.
Coding	The IE shall be present if the <i>Type Of Channel Coding</i> IE is set to "Convolutional" or "Turbo".
TTldynamic	The IE shall be present if the <i>Transmission Time Interval</i> IE in the <i>Semi-Static Transport Format Information</i> IE is set to "dynamic".

Range Bound	Explanation
<i>maxTFcount</i>	Maximum number of different Transport Formats that can be included in the Transport Format Set for one transport channel
maxRM	Maximum number that could be set as rate matching attribute for a transport channel
<i>maxTTIcount</i>	The amount of different TTIs that are possible for that Transport Format

CHANGE REQUEST

⌘ **25.433 CR 1116** ⌘ rev **1** ⌘ Current version: **6.5.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Feature Clean-up: Removal of 80 ms TTI for DCH for all other cases but when the UE supports SF512
Source:	⌘ RAN3
Work item code:	⌘ TEI5
	Date: ⌘ 09/05/2005
Category:	⌘ C
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following categories:</i></p> <p>F (correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (addition of feature),</p> <p>C (functional modification of feature)</p> <p>D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p> </div> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following releases:</i></p> <p><i>Ph2</i> (GSM Phase 2)</p> <p><i>R96</i> (Release 1996)</p> <p><i>R97</i> (Release 1997)</p> <p><i>R98</i> (Release 1998)</p> <p><i>R99</i> (Release 1999)</p> <p><i>Rel-4</i> (Release 4)</p> <p><i>Rel-5</i> (Release 5)</p> <p><i>Rel-6</i> (Release 6)</p> <p><i>Rel-7</i> (Release 7)</p> </div> </div>

Reason for change:	⌘ TSG RAN#27 tasked to remove the 80ms TTI for DCH from the all the other DCH cases, except when the SF=512.
Summary of change:	⌘ REV1: Text in Semantics description of Transmission Time Interval IE was modified. ----- REV0: 80 ms TTI for DCH is removed from all other spreading factors except when the SF=512.
Consequences if not approved:	⌘

Clauses affected:	⌘ 9.2.1.59										
Other specs affected:	<table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> </table>	Y	N	X		X			X	Other core specifications	⌘ 25.101, 25.133, 25.212, 25.306, 25.331, 25.423, 25.433
Y	N										
X											
X											
	X										
		Test specifications	34.108, 34.121, 34.123-1								
		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.

9.2.1.59 Transport Format Set

The Transport Format Set is defined as the set of Transport Formats associated to a Transport Channel, e.g. DCH.

[TDD - The Transport Format Set for each transport channel within the same CCTrCH shall have the same value for the 2nd Interleaving Mode IE.]

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Dynamic Transport Format Information		1..<maxTFcount>		The first instance of the parameter corresponds to TFI zero, the second to 1 and so on.
>Number of Transport Blocks	M		INTEGER (0..512)	
>Transport Block Size	C-Blocks		INTEGER (0..5000)	Unit: Bits
>CHOICE Mode	M			
>>TDD				
>>>Transmission Time Interval Information	C-TTldynamic	1..<maxTTlcount>		
>>>>Transmission Time Interval	M		ENUMERATED (10, 20, 40, 80,...)	Unit: ms
Semi-Static Transport Format Information		1		
>Transmission Time Interval	M		ENUMERATED (10, 20, 40, 80, dynamic,...,5)	Unit: ms; Value "dynamic" for TDD only; Value "5" for LCR TDD only; For FDD DCH, the value "80" is applicable only when DL DPCH Slot Format IE indicates a slot format with SF=512.
>Type Of Channel Coding	M		ENUMERATED (No codingTDD, Convolutional, Turbo, ...)	[FDD - The value "No codingTDD" shall be treated as logical error if received]
>Coding Rate	C-Coding		ENUMERATED (1/2, 1/3,...)	
>Rate Matching Attribute	M		INTEGER (1..maxRM)	
>CRC Size	M		ENUMERATED (0, 8, 12, 16, 24,...)	
>CHOICE Mode	M			
>>TDD				
>>>2 nd Interleaving Mode	M		ENUMERATED (Frame related, Timeslot related, ...)	

Condition	Explanation
Blocks	The IE shall be present if the <i>Number Of Transport Blocks</i> IE is set to a value greater than 0.
Coding	The IE shall be present if the <i>Type Of Channel Coding</i> IE is set to "Convolutional" or "Turbo".
TTldynamic	The IE shall be present if the <i>Transmission Time Interval</i> IE in the <i>Semi-Static Transport Format Information</i> IE is set to "dynamic".

Range Bound	Explanation
<i>maxTFcount</i>	Maximum number of different Transport Formats that can be included in the Transport Format Set for one transport channel
maxRM	Maximum number that could be set as rate matching attribute for a transport channel
<i>maxTTIcount</i>	The amount of different TTIs that are possible for that Transport Format